

UnityDirDb - UnityDirDb 2.1 (83)

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Preface

This is a reference to the tables, columns, views, stored procedures, and user-defined functions that comprise the Cisco Unity Connection database **UnityDirDb**.

An overview of the provisioning API framework and the data model for the UnityDirDb database is also included in this reference.

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San Jose, California.

U.S.A.

Database Version Information

Database Name: UnityDirDb

Schema - Major Version: 2

Schema - Minor Version: 1

Build number: 83

Data Type Descriptions

This section describes the data types that the Unity Connection database supports.

BIGINT:	Whole numbers that range from -9,223,372,036,854,775,807 to 9,223,372,036,854,775,807. Length is expressed in bytes. Requires 10 bytes of storage.
CHAR:	Character string of letters, numbers, and symbols. Length is expressed in characters. Stored as single-byte (and if locale supports it) multibyte characters. Maximum size is 32,767 bytes.
DATETIME:	Time expressed as a calendar date and time of day. A data value stored as a contiguous series of fields that represents each time unit (year, month, day, and so forth). Precision is dependant on how DATETIME value is configured to be stored. It can range from a year to a fraction of a second.
INT:	Whole numbers that range from -2,147,483,647 to 2,147,483,647. Length is expressed in bytes. Stored as a signed binary integer. Requires 4 bytes of storage.
LVARCHAR:	Character string of varying length. Stored as single-byte (and if locale supports it) multibyte characters. For each character, UC reserves a maximum of 3 bytes. Length is expressed in characters. Maximum size is 32,739 bytes.

NVARCHAR:	Character string of varying length. Stored as single-byte (and if locale supports it) multibyte characters. Length is expressed in characters. Maximum size is 255 bytes (or 254 bytes if placing an index on the column).
SMALLINT:	Whole numbers that range from -32,767 to 32,767. Length is expressed in bytes. Stored as a signed binary integer. Requires 2 bytes of storage.
TEXT:	Any kind of text data. It can contain single-byte (and if locale supports it) multibyte characters. Length is expressed in characters. Maximum size is 2GB.
VARCHAR:	Character string of varying length. Stored as single-byte (and if locale supports it) multibyte characters. Length is expressed in characters. Maximum size is 255 bytes (or 254 bytes if placing an index on the column).

Chapter 1. Provisioning API

1.1. About the API

The Provisioning API is a framework that allows you to access and modify information in the Connection directory database--UnityDirDb--in order to create, update, and delete voice mail users, and update membership in system distribution lists. For example, you can use the API in an application that takes new employee information and automatically adds a Connection voice mail user account to the system.

The API framework is comprised of the following three components:

- An Apache Axis-based web service - using standard SOAP, XML over HTTP/HTTPS for sending and receiving requests and responses, the web service handles authentication and allows you to connect to and communicate with the database.
- A set of Connection SQL views - allows you to easily retrieve relevant information from the directory database, irrespective of how the data is actually stored in the tables.
- A set of Connection stored procedures - allows you to change select information in the directory database. They support the basic operations that allow you to add, modify, or delete user or distribution list member data.

To use the API, you connect to the database through the web service, passing in the appropriate Connection credentials, then you send the web service your request - a query against a view or a call to a stored procedure - and the web service returns the applicable response.

To control the impact on server performance, the API limits the number of rows returned per query to 100. In addition, the system uses query throttling - a mechanism that cancels queries that will tie up the database for more than three seconds.

Before you use the API, ensure that you have a good understanding of Cisco Unity Connection users and system distribution lists. For information about users, refer to the *Cisco Unity Connection User Moves, Adds, and Changes Guide*; For information about distribution lists, refer to the *Cisco Unity Connection Administration and Call Management Guide*.

The guides are available at:

http://www.cisco.com/en/US/products/ps6509/tsd_products_support_series_home.html

1.2. API Setup, Support, and Limitations

When you install Cisco Unity Connection, the API is installed and running by default.

Support in using the API is available through Unity forum at:

http://forums.cisco.com/eforum/servlet/NetProf?page=Voice_and_Video_discussion

The API does not allow access to the other Cisco Unity Connection databases, such as the database for reports or the database for messages.

You must use views to read information from the database; The API does not allow you to query the tables directly.

1.3. Connecting to the Database

In order to access the data in the database, you must pass in a Cisco Unity Connection account alias and password to the web service for authentication. The account that you use must be authorized to perform the action(s) requested.

For example, if your application resets user passwords, you can use an account associated with one of the following roles:

- Help Desk Administrator
- User Administrator
- VMS Administrator

Note that while all three roles are authorized to reset user passwords, if the application does little more than resets passwords, a Help Desk Administrator account may be sufficient.

To determine whether an account has the proper authorization, use the Cisco Unity Connection Administration interface to view the role(s) and privileges with which the user is associated.

The following Java code example shows how to connect to the web service. The user name and password for the account are "Administrator" and "DAPswd01," respectively.

The example uses the stub code generated by the Axis WSDL2Java utility:

<http://ws.apache.org/axis/java/user-guide.html#UsingWSDLWithAxis>

Example 1.1. Connecting to the Database

```
import java.net.URL;
import com.cisco.unity.cual.*;

CiscoUnityDbServiceLocator sl = new CiscoUnityDbServiceLocator();
URL url = new URL("http://Administrator:DAPswd01@10.93.41.36/cuals/
services/CiscoUnityDb" );
CiscoUnityDb db = sl.getCiscoUnityDb(url);
```

1.4. Reading Information from the Database

Once you establish a connection to the web service, you can read relevant directory information by querying against views. Note that views provide read-only access.

The following Java code example shows how to execute a query that lists the available voice mail user templates, and print out the results. The example output shows that three templates were returned.

The example uses the stub code generated by the Axis WSDL2Java utility:

<http://ws.apache.org/axis/java/user-guide.html#UsingWSDLWithAxis>

Example 1.2. Listing Voice Mail User Templates

```
try {
    sql_response = db.query("select Alias from vw_SubscriberTemplate");
    System.out.println("Voice Mail User Templates:\n" + sql_response );
}
```

Output

```
Voice Mail User Templates:
<?xml version="1.0" encoding="UTF-8"?>
<rows count="3" more="0">
  <row Alias="VoiceMailUserTemplate"/>
  <row Alias="TempVoiceMailUserTemplate"/>
  <row Alias="GuestVoiceMailUserTemplate"/>
</rows>
```

Because a query returns only the first 100 records, you may have to execute multiple queries to retrieve the complete set of data. If in the example, GuestVoiceMailUserTemplate were the 100th record returned, the following statement would be used to get the next 100 records:

```
sql_response = db.query("select Alias from vw_SubscriberTemplate where Alias >
'GuestVoiceMailUserTemplate'");
```

1.5. Writing Information to the Database

Once you establish a connection to the web service, you can modify the data by executing stored procedures. See the “[SSPVsect](#)” section for a list of stored procedures that you can use.

The following Java code example shows how to execute a stored procedure to add a voice mail user using the default voice mail user template, "VoiceMailUserTemplate." The parameters in the call to `executeProc` are the name of the stored procedure - "csp_SubscriberCreate," followed by field-value pairs of parameters to the stored procedure, listed in any order, followed by a T-SQL OUT parameter, `@ObjectId`. The OUT parameter is used to display the response.

Because `csp_SubscriberCreate` throws an exception if you attempt to add a user and no license is available, the example includes try-catch code to demonstrate how to handle the error.

The example uses the stub code generated by the Axis WSDL2Java utility:

<http://ws.apache.org/axis/java/user-guide.html#UsingWSDLWithAxis>

Example 1.3. Adding a Voice Mail User

```
try {
    sp_response = db.executeProc("csp_SubscriberCreate",
        "@Alias=NewSubscriber,@DtmfAccessId=777777,
        @TemplateAlias=VoiceMailUserTemplate,@ObjectId=NULL out");
    System.out.println("csp_SubscriberCreate Response:\n" + sp_response );
}
catch(CuDbException e)
{
    // Handle no available user licenses (EXCEPTION_LICENSE_VIOLATION)
    if( e.getCode() == 50025 )
        System.out.println("License violation");
}
```

The `println` statement in the try block displays the `ObjectId` of the new user.

Output

```
csp_SubscriberCreate Response:
@ObjectId=0947EFC3-E3C2-43D4-BC16-F7784D7FF91D
```

1.6. Error Handling

To aid in application development, the API returns two types of exceptions - stored procedure user exceptions and SQL Server exceptions.

Any error code greater than 50000 signifies a user-defined exception. Otherwise, the exception is a SQL Server exception.

Stored Procedure Exceptions

The stored procedures include a number of built-in checks which can throw user exceptions. For example, `csp_SubscriberCreate` throws an exception if the required parameter `@Alias` is not provided, if the specified user template does not exist, if there is no available license for the new user, or if there is no available license to enable a particular feature for the user. The procedure also throws a user exception with the error code **50006** when a SQL Server exception is thrown.

The “[Adding Voice Mail User](#)” example in the “Writing Information to the Database” section shows how to handle a stored procedure user exception. In the example, `CuDbExceptions` are caught and tested for license violation errors. (Error code **50025** is returned by `csp_SubscriberCreate` when no licenses are available.)

Documentation for each stored procedure includes an “Exceptions” section which lists the user exceptions that the procedure generates, along with the corresponding error codes and descriptions. In addition, the “Exceptions” chapter describes all of the user-defined exceptions.

SQL Server Exceptions

The Connection API uses constraints to protect the integrity of the data. A constraint enforces the set of allowed values for the field.

For example, data in the Volume field - the audio volume for user message playback - must be an integer from 0 to 100. A call to `csp_SubscriberModify` with “`@Volume=101`” generates both a stored procedure user exception with the error code 50006 (indicating a SQL Server exception), and the following SQL Server exception with the error code 547:

```
Server: Msg 547, Level 16, State 1, Line 1 UPDATE statement conflicted with
COLUMN CHECK constraint 'CC_VALIDATION_tbl_UserSubscriber_Volume_OutOfRange'.
The conflict occurred in database 'UnityDirDb', table 'tbl_UserSubscriber',
column 'Volume'. The statement has been terminated.
```

The message indicates that the update failed because the Volume parameter value passed in through the stored procedure call is out of the valid range for the field.

The constraint name - in this case “`CC_VALIDATION_tbl_UserSubscriber_Volume_OutOfRange`” - follows the convention: `CC_VALIDATION_Table name_Field name_Violation`.

To display a localized text message that may be more user friendly, you can use the stored procedure `csp_get_ErrorText`. The procedure takes an error code, an error message, and a language code, and returns an error message in the specified language, if one is available.

Example 1.4. Displaying a Localized Error Message

```
try {
```



```
        // Try code
    }
    catch(CuDbException e)
    {
        // Display localized message, if available.
        String LocalizedErrorMsg = db.executeProc("csp_get_ErrorText",
"@Code=e.getCode(),@LanguageCode=1033,@Message=e.toString(),
@ErrorText=@ErrorText out");
        System.out.println("Localized Error Message:\n" + LocalizedErrorMsg);
    }
}
```

Note that if no localized error message is available, such as for SQL Server exception 547 described above, nothing is returned.

1.7. Supported Stored Procedures and Views

Because the API is to be used for provisioning, only the following six stored procedures are supported:

- `csp_SubscriberCreate`
- `csp_SubscriberDelete`
- `csp_SubscriberModify`
- `csp_DistributionListMemberCreate`
- `csp_DistributionListMemberDelete`
- `csp_CredentialModify`

Views allow read-only access and accessing any view in UnityDirDb is supported. However, you may only need to reference some of the following views for provisioning:

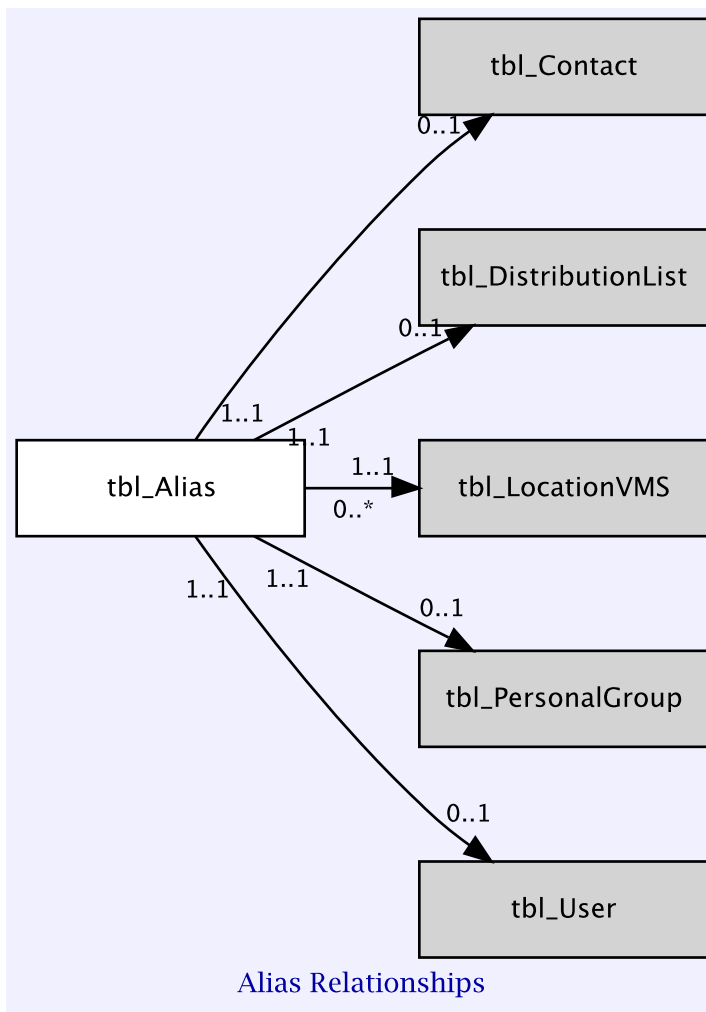
- `vw_DistributionList`
- `vw_DistributionListMember`
- `vw_LicenseCount`
- `vw_Subscriber`
- `vw_SubscriberTemplate`

Chapter 2. Data Model

2.1. Aliases

Aliases for addressable entities such as users, distribution lists and personal groups are now stored in their own table. This was done for two reasons:

1. To provide an easy way to ensure that all Aliases are unique within a location VMS
2. To provide good performance when looking up a user (or other addressable entity) by their entityid, alias, and smtp address



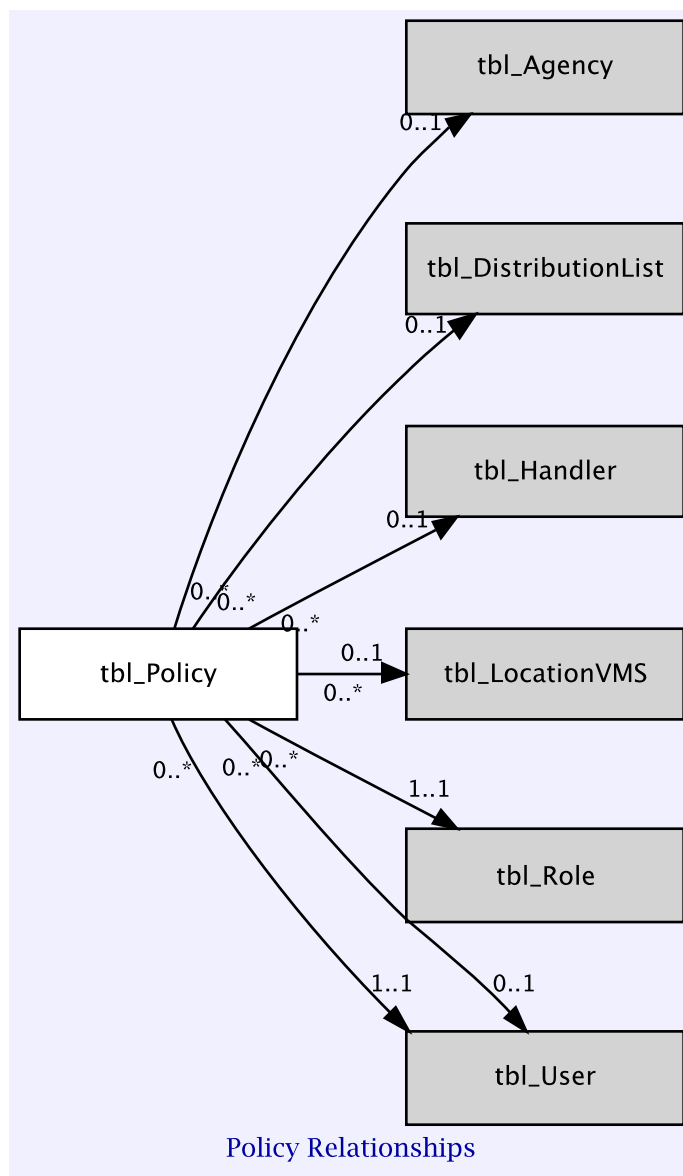
2.2. Authorization

Authorization is based on the <http://www.dmtf.org/standards/cim> authorization model, but has been simplified somewhat to make it practical to implement.

Policy

In this model, a **Policy** grants a **User** (subject) a **Role** in a particular area (target). An example would be granting an administrator the **User Administrator** role for a VMS. While initially we only grant Users roles on the local VMS, this is a nice and extensible model that we can leverage in later releases.

Here's what a policy looks like in the database - we store pointers to the subject, target, and role, and keep an expiration date for temporary policies:

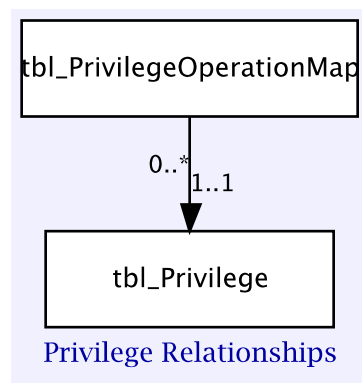


It's probably worth pointing out that a **Subject** is typically a User, but it could also be extended in future releases to be a group of users (such as is the case when you want to grant a Role to a group of administrators). For this release of Cisco Unity Connection, a **Target** is the local VMS. In future releases, it's possible that a **Target** could be a definable segment of the Unity Connection directory such as a partition or the entire Unity directory (i.e., Unity Organization).

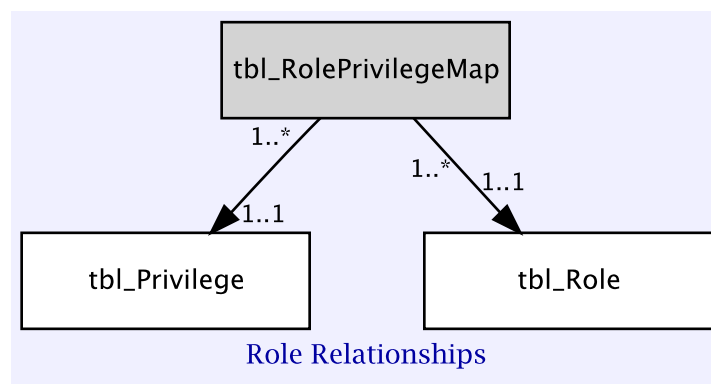
Roles and Privileges

Administrative privileges that in Cisco Unity are included in the Class of Service have been removed. Administrative privileges are now handled via roles and privileges instead. A collection of privileges assigned to a role confers the potential to perform duties and tasks such as create a user or view distribution lists and all their members.

A **Privilege** is a group of discrete rights granted to a user to perform an operation on a type of resource. These "operations" are typically SQL operations such as executing a SQL view or stored procedure. The **ResourceType** custom type contains a list of the valid resources. There is a relatively small and (for now) fixed list of access rights that can be granted to a resource, which is read, update, create, delete, and execute, all of which are fields in the privilege table. A **Privilege** can be granted the rights to perform multiple operations, so the table **PrivilegeOperationMap** is used to map operations to privileges:



A **Role**, in a nutshell, is simply a collection of privileges. A **Privilege** can be in one or more roles, so the table **RolePrivilegeMap** is used to map roles to privileges:

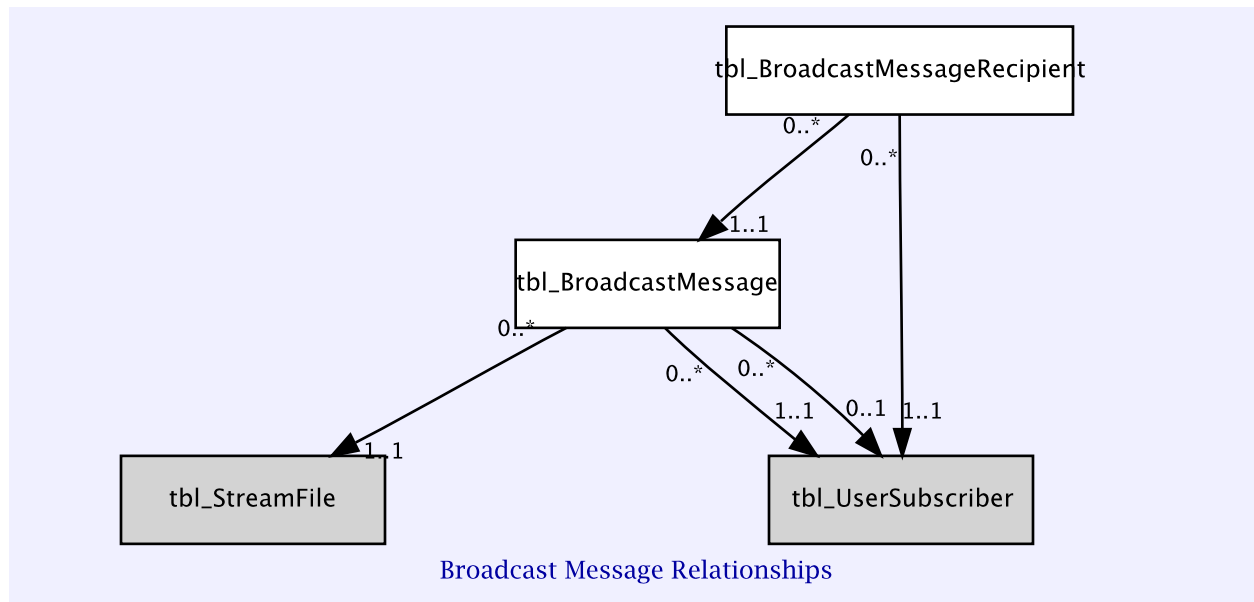


For a list of the default or "pre-canned" roles, see the http://www.in-eng.cisco.com/cgi-bin/edcs/edcs_info?798507.

2.3. Broadcast Messages

Broadcast messages are a special type of message that is created for all Unity Connection subscribers on a VMS. The message has special characteristics, e.g. should show up first in the queue when subscriber logs in, cannot be skipped, etc. Unlike regular voice messages, which are stored in a subscriber's mailbox, broadcast messages are stored in the [BroadcastMessage](#) table. (The audio file containing the actual message is stored in the file system. A pointer to this stream file is stored in the [BroadcastMessage](#) table.) A second table, [BroadcastMessageRecipient](#) maps broadcast messages to local recipients of the broadcast message. For each recipient of a broadcast message, the [BroadcastMessageRecipient](#) table tracks which subscribers have listened to which broadcast messages. If the [BroadcastMessageRecipient](#) table does not have any rows, it means the message has not been heard by any subscribers.

Besides the basic create, modify and delete stored procedures, there are stored procedures for flagging a message as read, and another for purging expired broadcast messages. The latter is typically run from a background SysAgent clean-up process.



2.4. Call Management

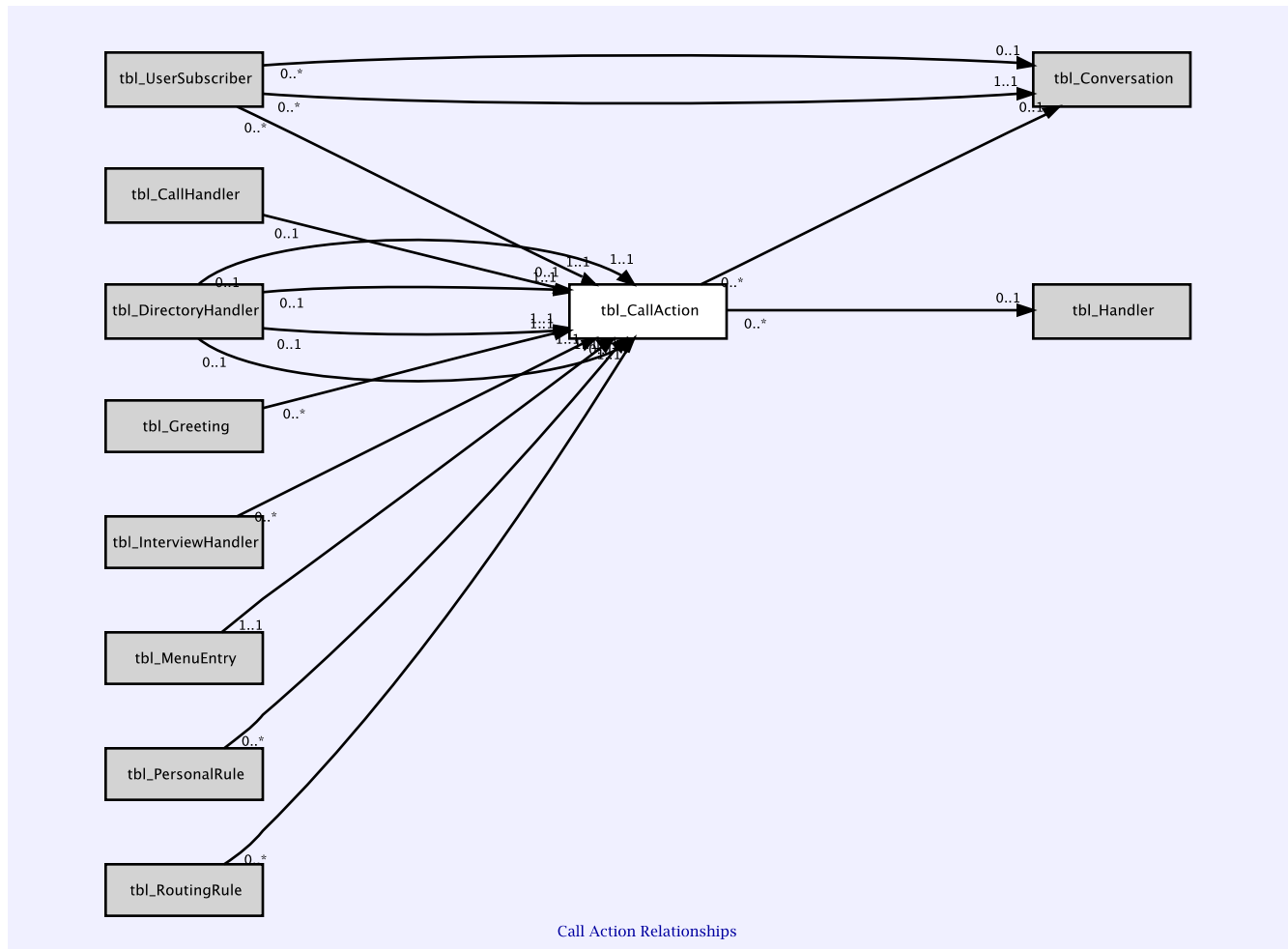
Call handlers, directory handlers and interview handlers are entities that Cisco Unity Connection uses to manage and route calls. The [Handler](#) table contains those properties common to all types of handler entities thereby acting as the superclass entity for the subclasses CallHandler, DirectoryHandler, and InterviewHandler.

A handler belongs to a [Location](#) . Handler entities may have a recorded voice name, which is referenced by an entry in the [StreamFile](#) table.

Call Actions

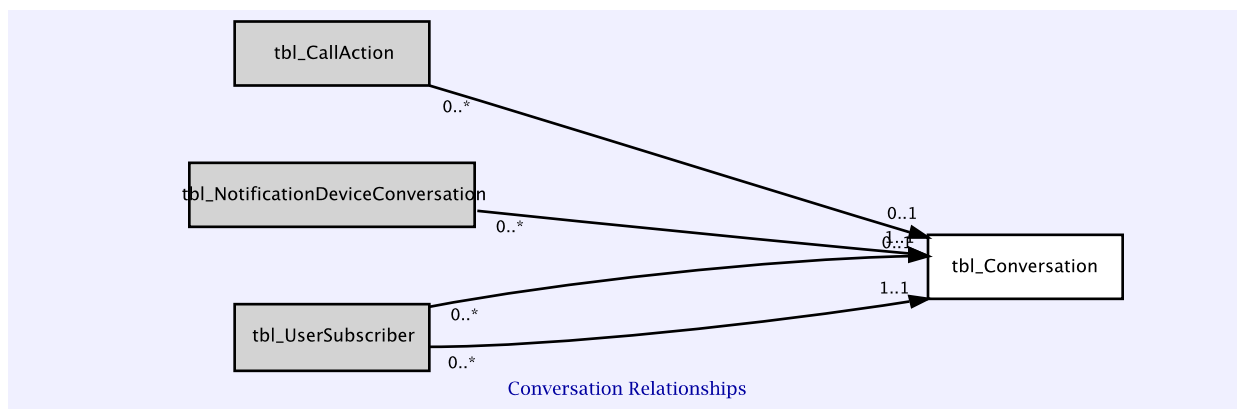
Since one of the main functions of a handler entity is to manage calls, one of the important properties of any type of handler entity is to define where a caller is sent next depending on the condition (e.g., after message, exit) or input from the caller (e.g., no input, no selection, zero key). These *actions* for all call handlers, directory handlers and interview handlers are stored in the [CallAction](#) table. Depending on the call action, it may point to route the call to a target conversation and may include the ObjectId of the particular call handler, directory handler, or interview handler that is sent along to the target conversation. The fact that all linking to handlers is now accomplished via [CallAction](#) entities means that it is now very easily check to see if a handler is in use or not, or to change every reference to it to some other handler, if needed.

The [CallActionParentObjectMap](#) table is a mapping of a [CallAction](#) to a call handler, directory handler, interview handler, subscriber or routing rule action. The Cisco Unity Connection Administration client uses this information to determine which call actions are available as choices for an entity's call routing settings. For example, the actions available as choices that will be shown in Cisco Unity Connection Administration for a call handler after the greeting plays.



Conversations

User and routable conversations are stored in the [Conversation](#) table. There are conversations that use touchtone key commands and conversations that use voice commands. By storing conversation names in this table, it allows new conversations to be added onto the system dynamically. Note that conversations are NOT uniquely identified by an **ObjectId**, but by their **ConversationName** attribute.



Call Handlers

A [CallHandler](#) contains the fundamental data for controlling voice mail conversations. At the basic level, each subscriber ([UserSubscriber](#)) has an associated [CallHandler](#) , which is referred to as the "primary call handler" for that subscriber. Also, by default, each [Contact](#) has a call handler. The call handler has custom-recorded greetings and defines the transfer rules; when to transfer and to where. A [ScheduleSet](#) determines which [Greeting](#) or [TransferOption](#) to apply.

Call Handlers are also the building blocks used for creating audio text applications, which can include definitions for a [MenuEntry](#) for each touch-tone key describing what [CallAction](#) to take when a particular touch-tone is received.

An enhancement to Cisco Unity Connection has been made with the addition of a Call Handler Template. A Call Handler is simply a [CallHandler](#) entity with the column "IsTemplate" set to 1 to indicate that it is a template.

A call handler must have a recipient - either a [UserSubscriber](#) , a [DistributionList](#) , or a [Contact](#) .

All call handlers have three sub-collections of entities: greetings, transfer options, and menu entries.

Greetings

Each [CallHandler](#) has a collection of six greetings, which are processed in the following order: Alternate, Internal, Busy, Off Hours, Standard, and Error. For each [CallHandler](#) record, the [Greeting](#) table defines which greetings are enabled, the greeting source, and the actions that Cisco Unity Connection takes during and after each greeting. In prior Cisco Unity, Greetings are referred to as **Messaging Rules**.

To allow greetings to be recorded in several languages, for example the Opening Greeting, the [GreetingStreamFile](#) table stores a list of the stream files for a greeting for each language.

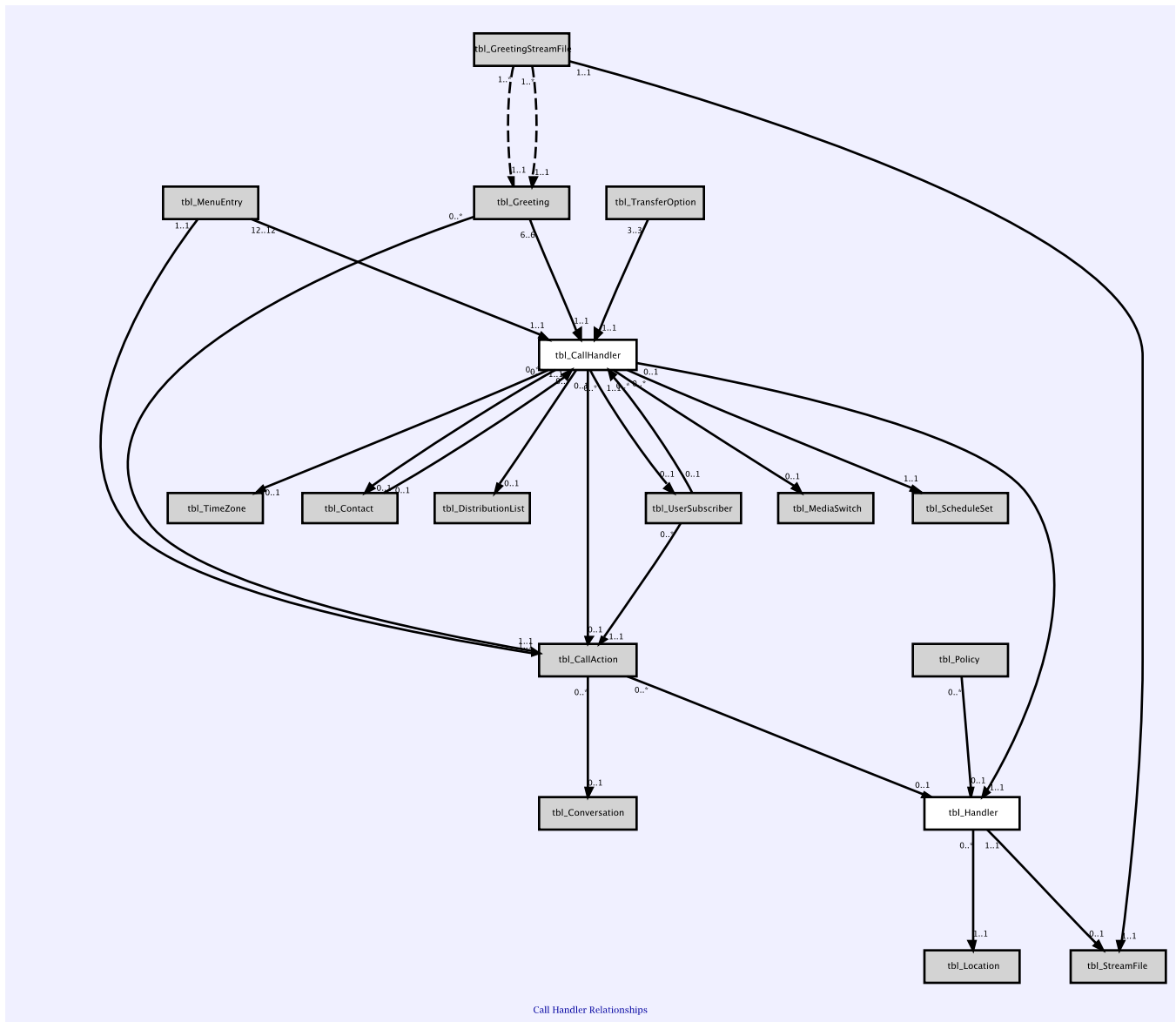
Transfer Options

A [MenuEntry](#) is a rule that defines for each call handler how Cisco Unity Connection transfers calls from the automated attendant or a directory handler to subscriber phones. (Note that transfer rules do not apply when an outsider caller or another subscriber dials a subscriber extension directly.) By default, the first thing a [CallHandler](#) does when a call is passed into it is to process its transfer rules and act on them. Each call handler has a collection of three transfer options: Standard, Off Hours, and Alternate. Which transfer rule is evaluated depends on which transfer option is enabled, what day it is, and what time of day it is. If the alternate rule is active, it is always evaluated; it overrides the other two in all cases. Primary call handlers associated with subscribers use only the alternate rule. In Cisco Unity, Transfer Options are referred to as **Contact Rules**.

Menu Entries

The [MenuEntry](#) table contains all the user input key mappings for each [CallHandler](#) in the system. This includes primary call handlers associated with subscribers. There are 12 key mappings per call handler corresponding to the 0-9, *, and # keys on the touch-tone key pad of a telephone. Each key can be set up to perform an action when pressed during the greeting for a call handler or subscriber.

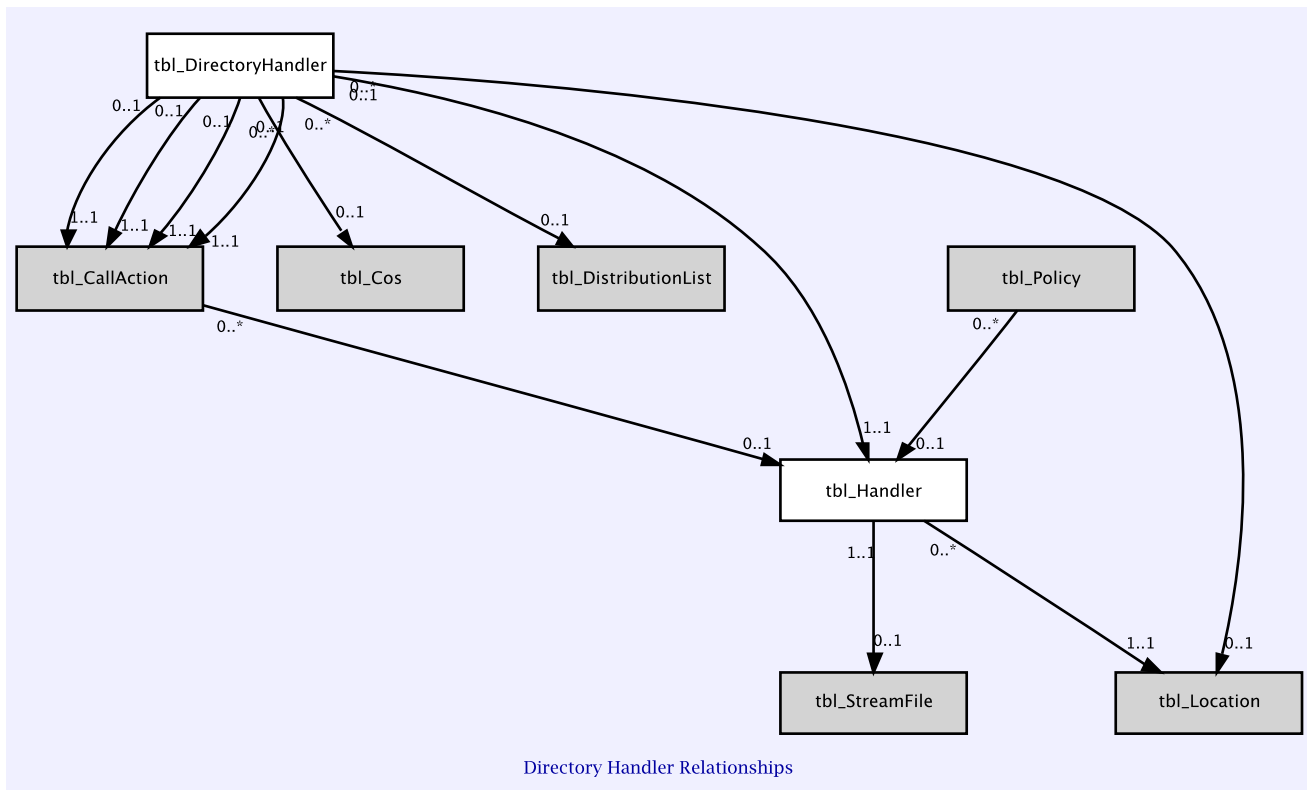
As illustrated in the following diagram, a call handler has relationships with several entities in the data model.



Directory Handlers

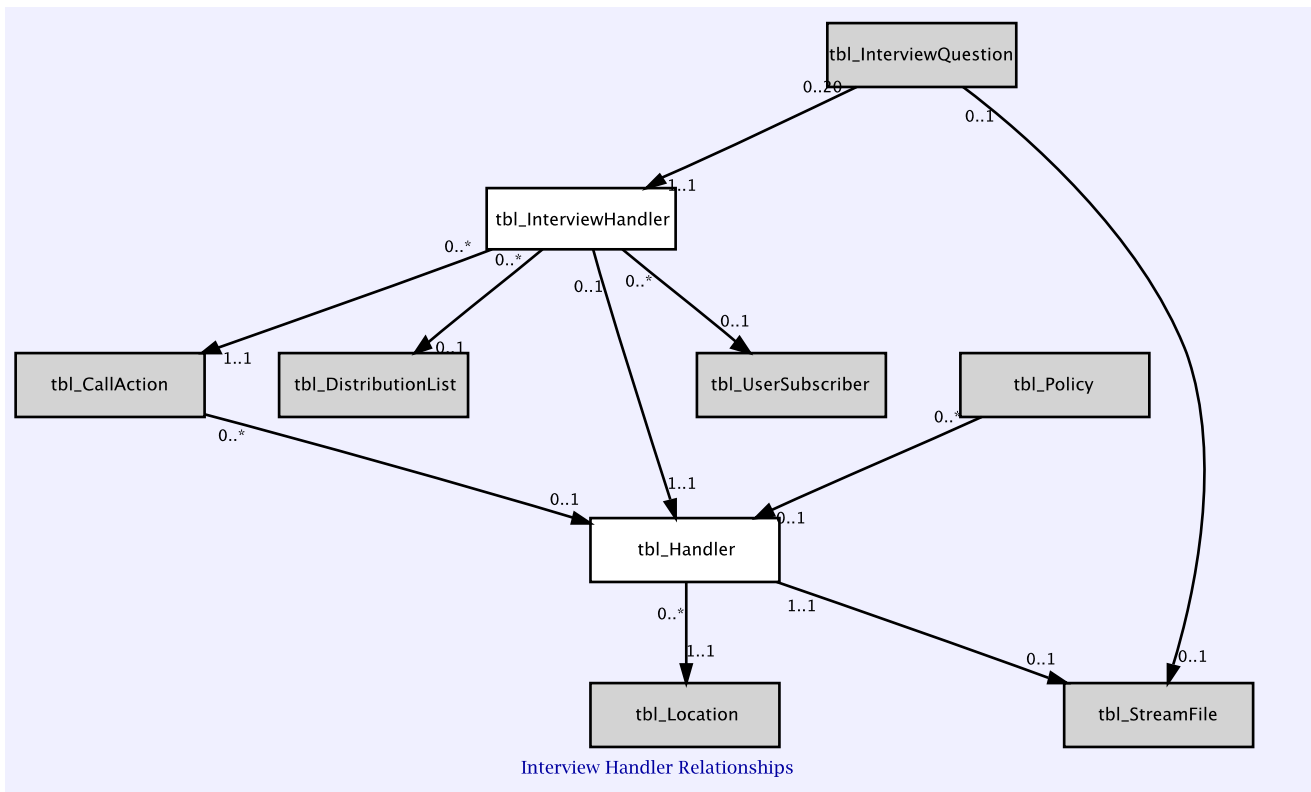
A [DirectoryHandler](#) is used to enable outside callers to search for subscribers by spelling their name in the case where they don't know the user's extension number. When a caller searches on a subscriber name or part of a name, a directory handler looks up the extension and routes the call to the appropriate subscriber. The [DirectoryHandler](#) table contains the settings that specify how the directory handler searches for names, what it does when it finds one or more matches, and what it does when it detects no caller input.

Like call handlers and interview handlers, a directory handler is associated with a [CallAction](#) entity. However, unlike other types of handlers, a directory handler has an association with four separate instances of a [CallAction](#). Each of these call actions is dependant on the caller input. For example: the "ExitCallActionObjectId" attribute points to the action to take when the caller presses the **exit** key, "NoInputCallActionObjectId" attribute points to the action to take if the caller does not enter a name or does not respond to prompts, "NoSelectionCallActionObjectId" attribute points to the action to take if the caller makes no selection to a list of matches, and "ZeroCallActionObjectId" attribute points to the action to take when the caller presses the **0** key during a menu style list of names.



Interview Handlers

An **InterviewHandler** is a special type of call handler that collects information from callers by playing a series of pre-recorded questions, and then recording the answers offered by callers. An **InterviewHandler** is used to ask the caller up to twenty questions and records all the responses into one long message, with beeps separating the individual responses. All questions for all interview handlers on the VMS are stored in the **InterviewQuestion** table. An **InterviewHandler** has no greetings collection, no transfer capabilities, and no user input abilities. It does have one associated **CallAction** entity - **AfterMessage**.

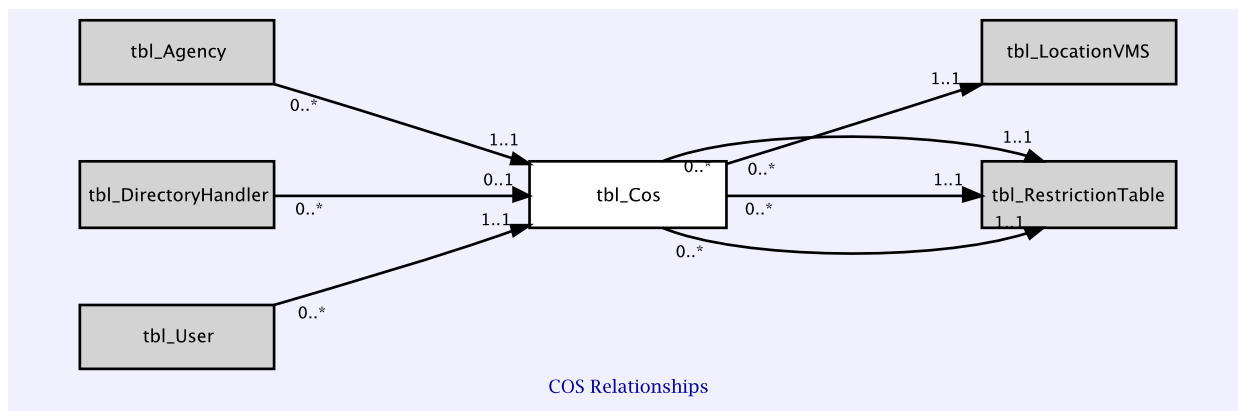


2.5. Class Of Service

The **Cos** (Class Of Service) entity determines which features a subscriber is licensed to use, the maximum length of their greetings and messages, what numbers they are allowed to dial, and what options are available to the subscriber among other things. COS is now associated with the user (and user template) to accommodate user level settings such as distribution list creation. And similar to other Cisco Unity Connection system entities, COS entities are assigned to a **LocationVMS**.

It's probably worth mentioning here that a special view **vw_Cos_Licensed** is available for clients that contains only those features for subscribers that are under license control.

Although **Cos** contains no sub-collections, it does have links to **RestrictionTable** entities. Each COS specifies for its members three **RestrictionTable** entries. These restriction tables are used to limit which phone numbers can be entered into the fax delivery number, outgoing (message delivery) numbers, and call transfer numbers, respectively.



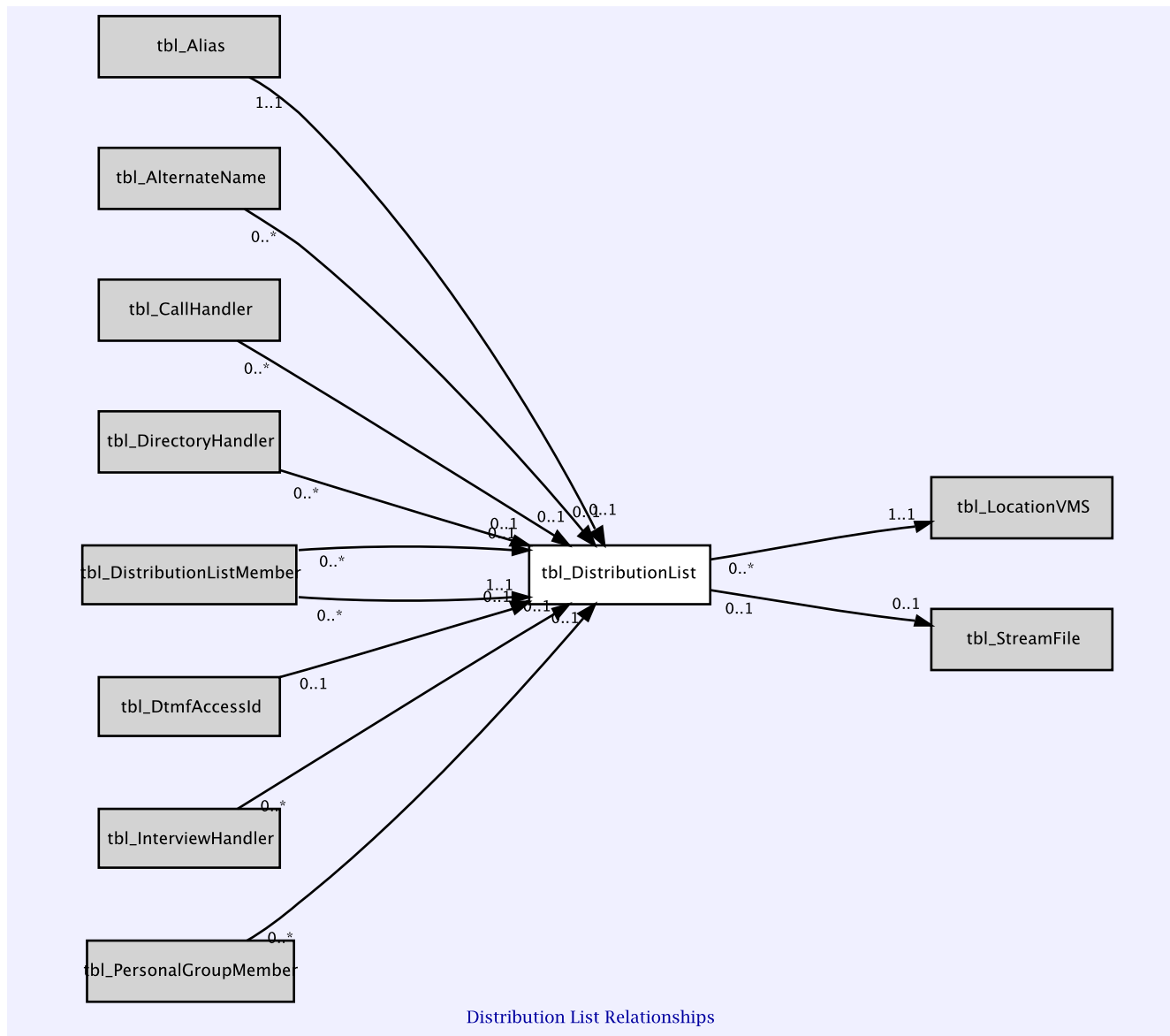
2.6. Configuration Data

Data used by Cisco Unity Connection components and applications, that is both small in size and does not have a direct relationship with other tables is stored in the [Configuration](#) table. Unity configuration data is organized as a list of hierarchical nodes. A node can have a value as well as children. In the Cisco Unity product, configuration data was stored in the Windows Registry. Management of the configuration data is now easier because it is stored in the same database with the rest of Cisco Unity Connection data. This also ensures configuration data gets backed up automatically with each backup of the Cisco Unity Connection database.

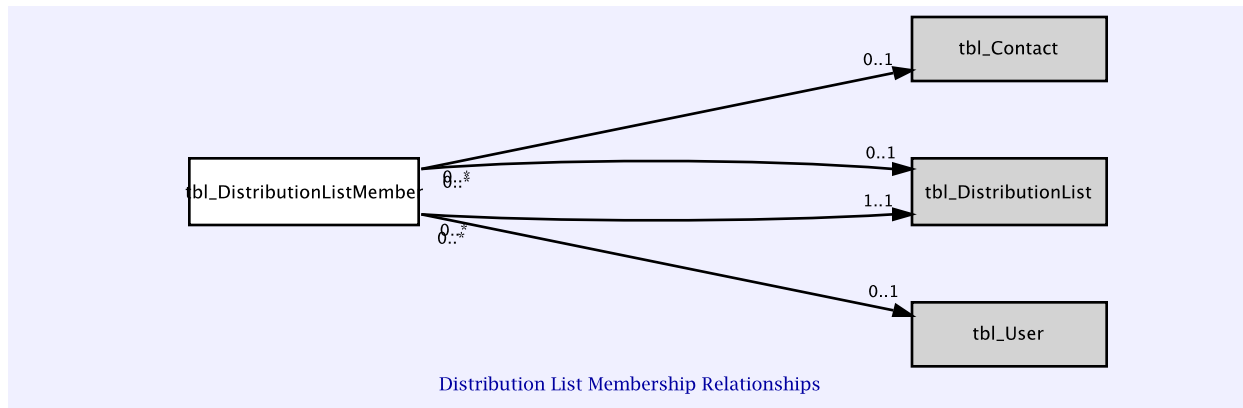
2.7. DistributionLists and Personal Groups

Distribution Lists

System distribution lists (formerly referred to as "Public" Distribution Lists) provide a way to send voice messages to multiple users. For message addressing purposes, a distribution list should have a recorded voice name, which is referenced by a [Stream-File](#) entity.



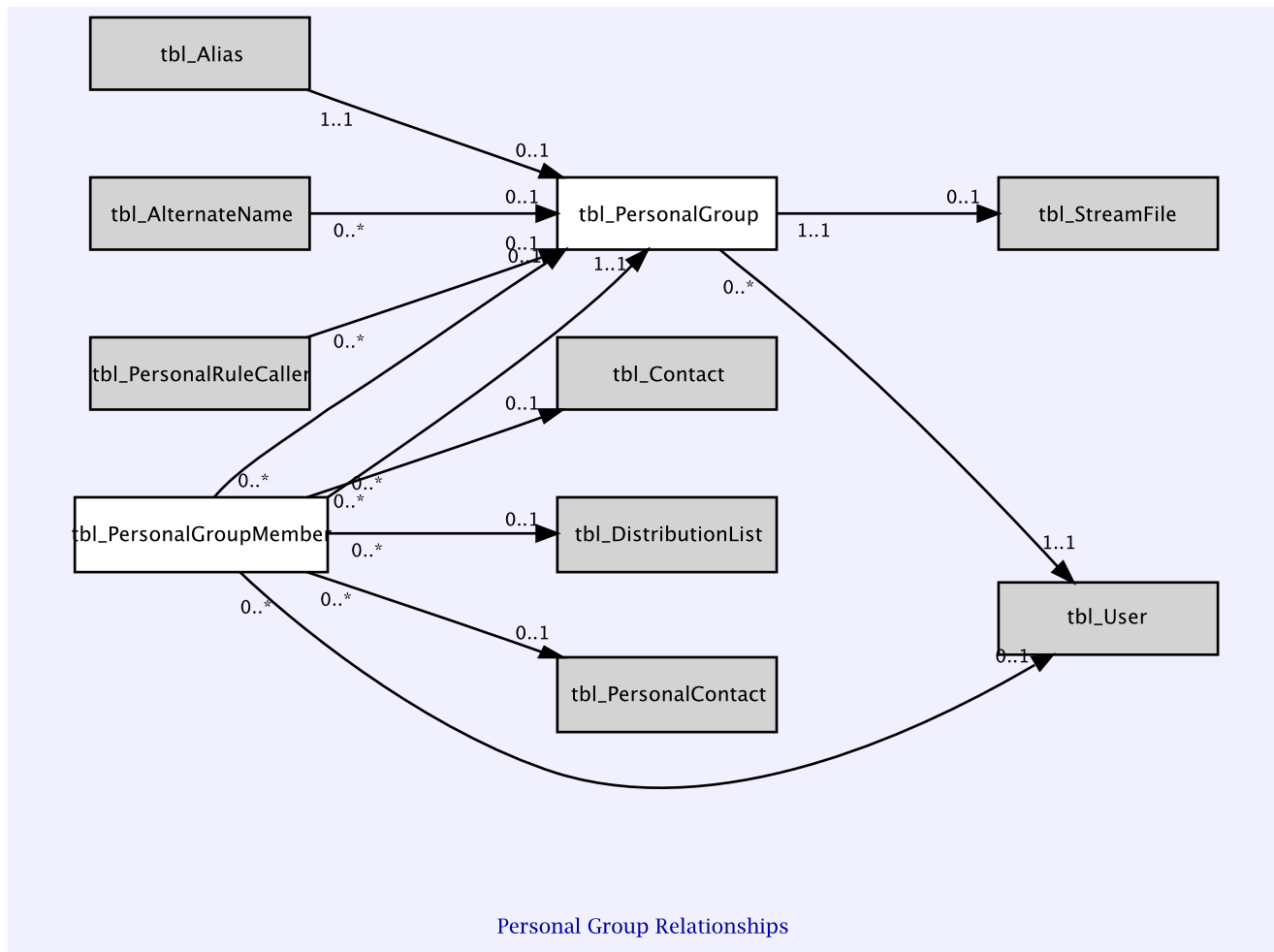
A **member** of a [DistributionList](#) can be either a [User](#) , a [Contact](#) or another [DistributionList](#) . Distribution list members are stored in the [DistributionListMember](#) table.



Personal Groups

The **PersonalGroup** entity may contain Cisco Unity Connection users, personal contacts, distribution lists, or other personal groups belonging to a user. The Personal Group serves two primary purposes:

1. Acts as a personal voice mail distribution list for a user. Similar to Private Distribution Lists in Cisco Unity, personal voice mail lists are addressable and may contain Unity subscribers, contacts, system distribution list or another personal voice mail list. In the UI, this type of group is referred to as "Personal Voice Mail Lists."
2. Functions as a "personal folder" concept, which is a way to organize names and contact information such as phone numbers and e-mail address of personal contacts (i.e., Personal Address Book). Used in Personal Call Routing Rules to identify callers. This group can contain members from a user's contact list or anyone from the Unity Connection directory. A user can have a rule such as "If the call is from Caller Group X, route the call to.." In the UI, this type of group is referred to as "Caller Groups."



2.8. Extension Numbers and Phone Numbers

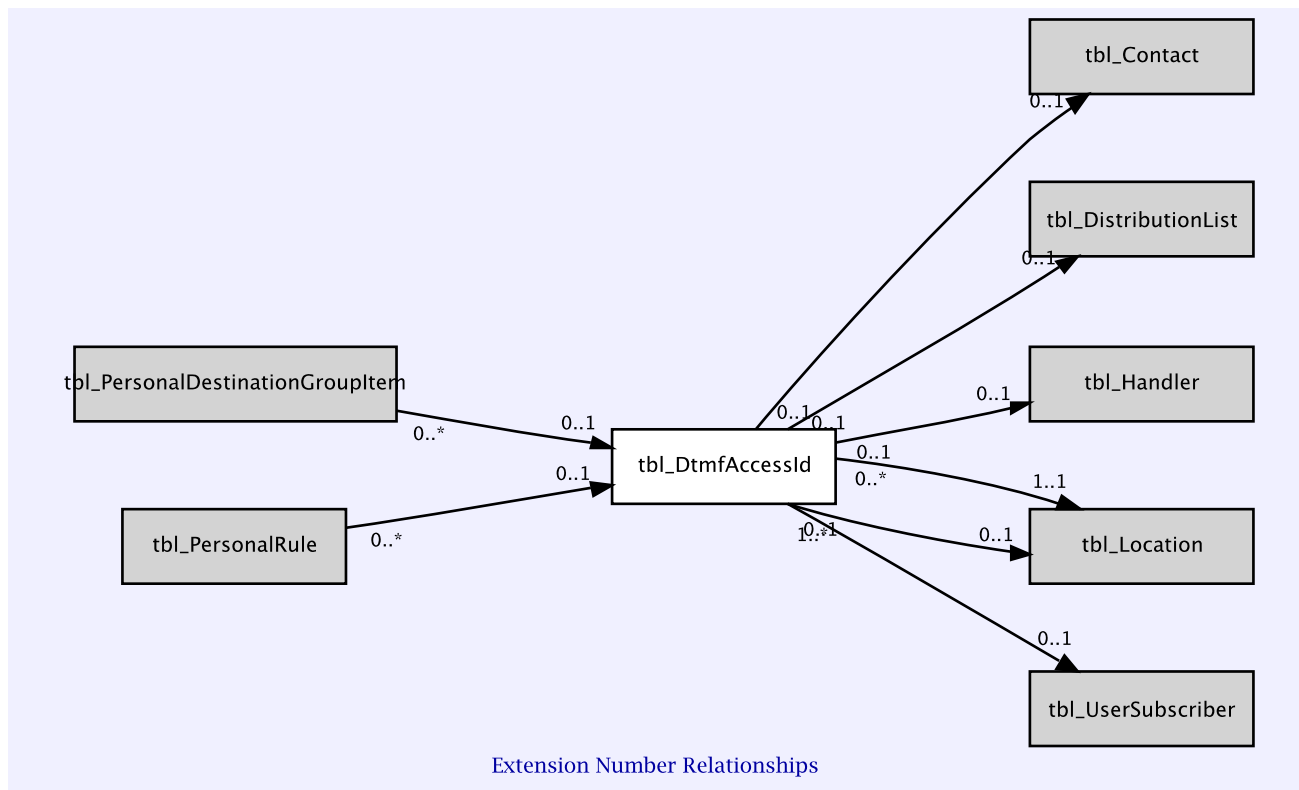
Telephone numbers for users, contacts, distribution lists, locations and all handler subclass entities used to manage calls are stored in two separate tables. "Dialable" phone numbers in the global address space are stored in the [DtmfAccessId](#) table. Phone numbers for users (e.g., home phone, mobile phone) and contacts are stored in the [PhoneNumber](#) table. Be aware that there are other tables for entities such as notification devices and personal contacts that also contain phone number attributes specific to the type of entity.

DTMF AccessIDs

Extension numbers for all users, contacts, call handlers, interview handlers, directory handlers, location entities and distribution lists in the entire system are stored in [DtmfAccessId](#) table. Administrator defined, dialable alternate extensions for users are also stored in this table. In addition to the primary extension assigned to a user, a user can have up to 9 alternate extension numbers that administrators can specify. For example, if a user has multiple line appearances on their phone. All alternate extensions use the same transfer setting settings as the primary extension.

The [DtmfAccessId](#) serves a couple of very important roles:

1. It provides an easy way via a single query to determine that an extension number conflict does not exist at a dialing domain level when creating a new user, distribution list, etc. Note that dialing domains are not currently supported in Cisco Unity Connection.
2. When conversations are collecting an extension number from the caller for addressing a message by ID or for doing an auto attendant extension number lookup or the like, the lookups for a match have to be done against this single table instead of using a complex multi-table search.

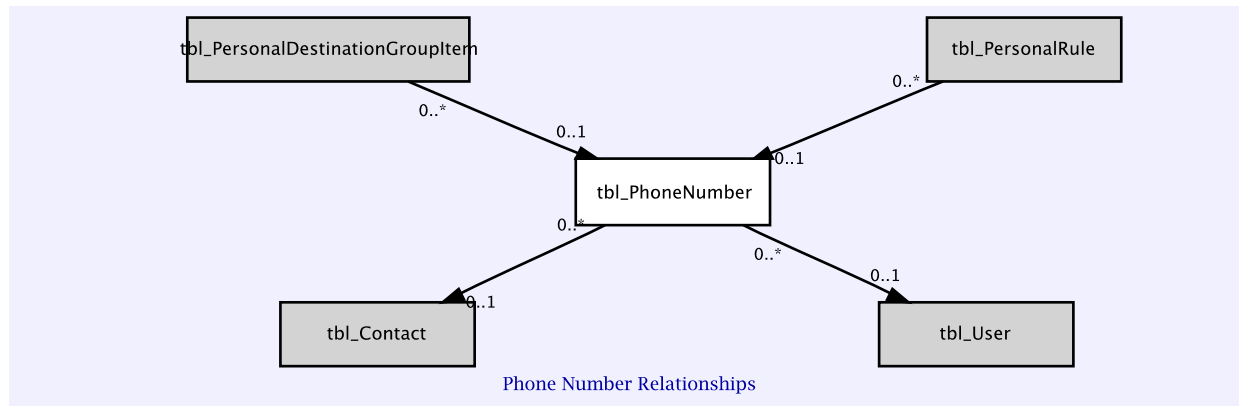


Phone Numbers

Phone numbers for users (e.g., home phone, work phone, mobile phone) and System Contacts are stored in [PhoneNumber](#) table. User-defined alternate extensions are also stored in this table. A user-defined alternate extension is a phone number defined by the user that is used to facilitate auto-logon when a user calls from a home, mobile, or other phone number. These alternate extensions can offer easy message access on direct calls from a cell phone, home phone, or phone at an alternate work site (assuming that the phone number is passed along to Cisco Unity Connection from these other phone systems). In addition, when such phones are used as alternate extensions, and are set to forward to Cisco Unity Connection, callers can listen to the user greeting, and leave messages for the user just as they would when dialing the primary extension for the user.

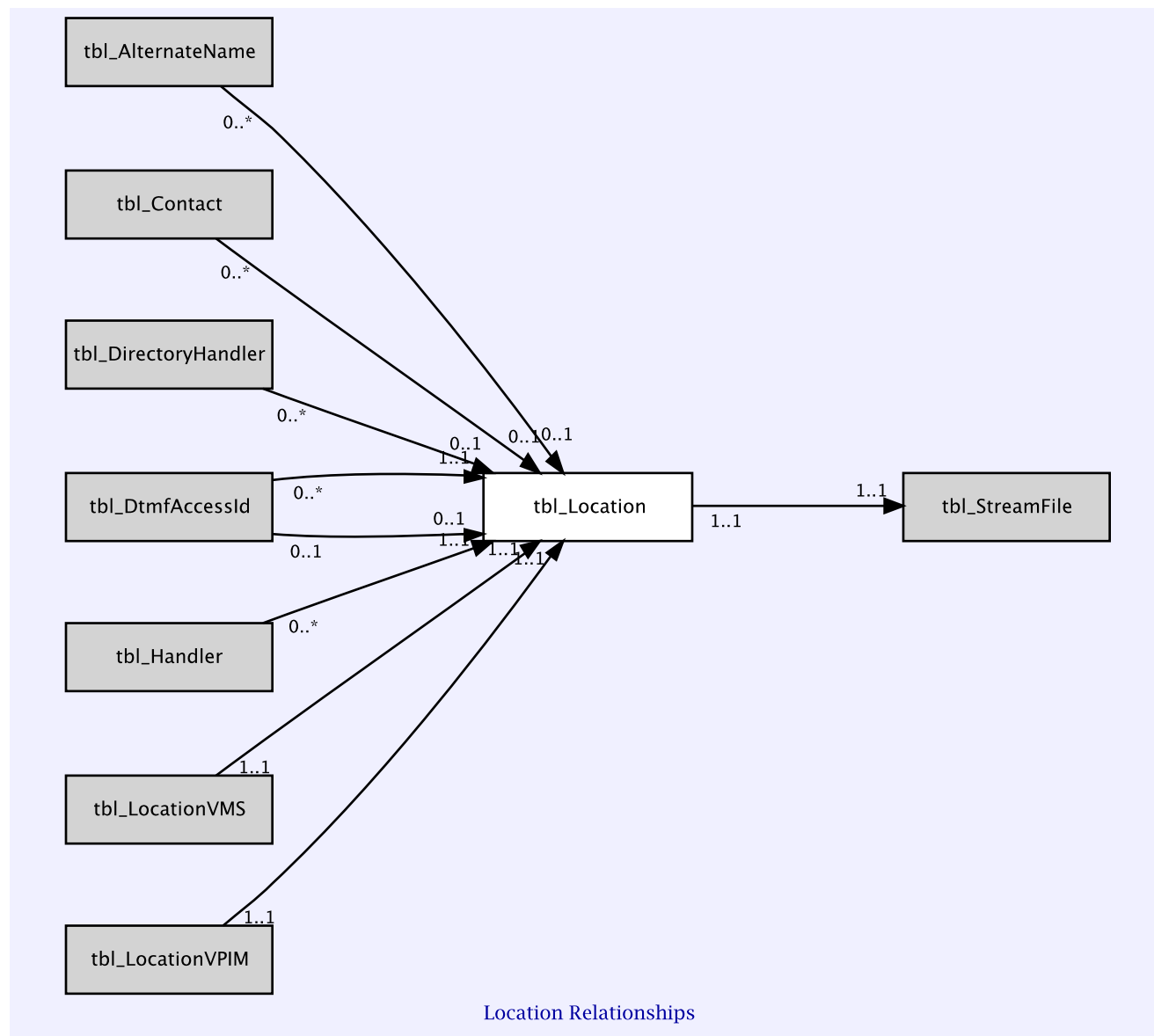
You'll notice that there are three "phone number" columns in `tbl_PhoneNumber`. Each has a distinct purpose:

- `PhoneNumber` - a phone number. The phone number stored in this column can include formatting characters such as parenthesis, hyphens, plus sign, comma, period, etc. For example: 206-555-1212.
- `DialablePhoneNumber` - a "dialable" version of the `PhoneNumber` column. It contains transfer strings and whatever characters are required to dial the number over the PSTN. For example: 9,12065551212.
- `SearchablePhoneNumber` - a "searchable" version of the `PhoneNumber` column without any formatting characters or transfer strings. This number is used by clients to match inbound call ANI/Caller ID numbers with a user or contact. For example: 2065551212.



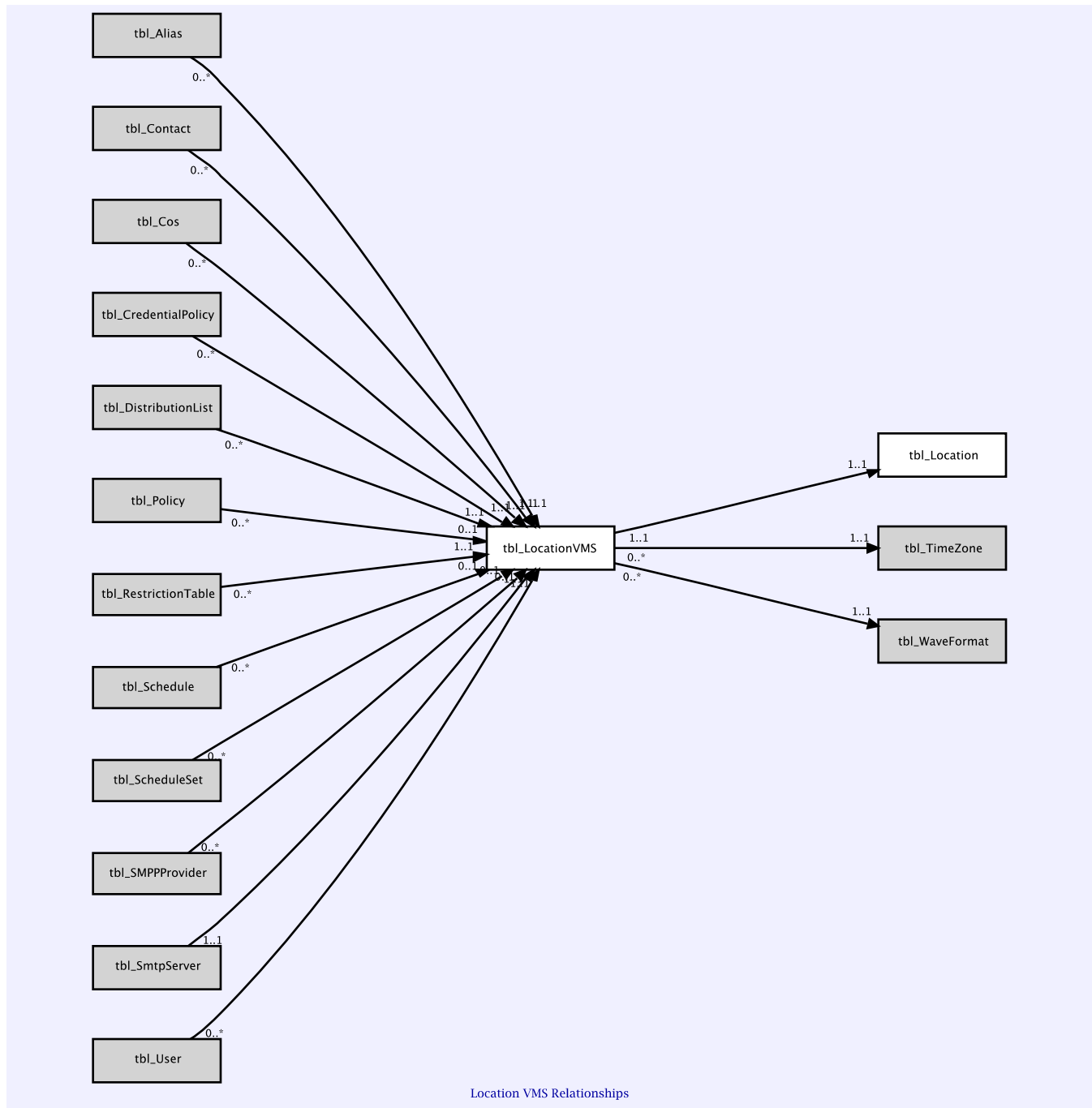
2.9. Locations

A **location** can be a Cisco Unity Connection VMS or another voice messaging systems. All entities in the Cisco Unity Connection database are associated either directly or indirectly with a location entity. The **Location** is the superclass for all other subclass Location entities such as **LocationVMS** and **LocationVPIM**.



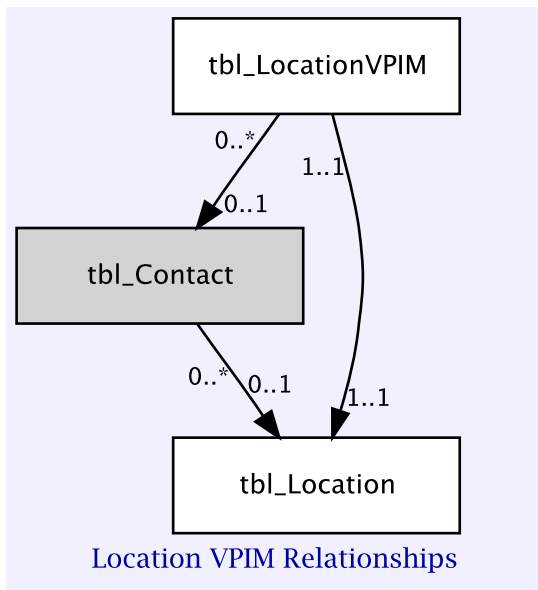
Location VMS

The **LocationVMS** entity represents the Cisco Unity Connection Virtual Messaging System (VMS). It is the repository for the licensing data, default language and timezone settings, default transfer settings, and database schema information. Each Cisco Unity Connection VMS server has a **LocationVMS** entity, which is created during installation and cannot be deleted. The **LocationVMS** replaces the *primary location* concept used in previous versions of Cisco Unity. To access the attributes of the local LocationVMS, use the **vw_LocalVms**.



Location VPIM

A [LocationVPIM](#) entity represents another voice messaging system with which Cisco Unity Connection exchanges voice messages via the VPIM protocol.



2.10. Mailbox Stores, Mailboxes and Message Aging

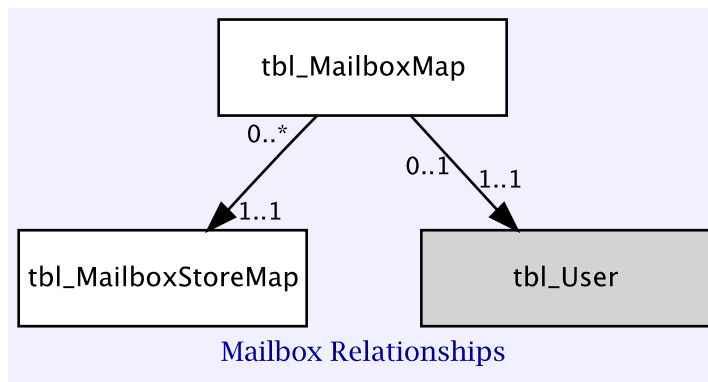
Mailbox Store

The Cisco Unity Connection directory data model endorses a notion of mailbox stores, which are a conceptual grouping of mailboxes for administrative purposes. The [MailboxStoreMap](#) table stores information related to identifying and locating mailbox databases allowing clients to interact with the mailboxes within them. Each row in the [MailboxStoreMap](#) table represents a single mailbox store. For a Unity Message Store Solution (UMSS), a mailbox store equates to a UMSS database. Note that currently a message store can be associated with a only single VMS. To access the attributes of a UMSS mailbox store, use [vw_MailboxStoreMap](#).

The use of the [MailboxStoreMap](#) table has expanded from just simple mailbox stores, to any kind of groupware information store for a user. In the Cisco Unity administrative interface, this is referred to as an *external service*. In this release of Cisco Unity Connection, there are external services for IMAP, WebDav (calendar information), and Cisco MeetingPlace. Although WebDAV does provide access to messages, Cisco Unity Connection uses it only for retrieving calendar information presently. IMAP mailbox stores are used to TTS emails from a separate email account, typically the user's main corporate email system. To access the attributes of a external service, use [vw_ExternalService](#).

Mailboxes

A mailbox is the entity in a mailbox store, which represents collections of messaging information. Cisco Unity Connection maintains the notion of a user with a mailbox, which is a user with a subscription to a voice mail service. Users are associated with a mailbox. The database has the ability to associate one or more mailboxes with a user, although this functionality is not supported in this release of Cisco Unity Connection. This release of Cisco Unity Connection supports only one *primary* mailbox, which is where voice messages are stored (UMSS mailbox). A user can also have non-primary mailboxes that reside in a groupware application on an external server. For example, the user may have an IMAP mailbox, which is used to pull email messages for playing via TTS. They may also have a WebDAV mailbox, which is used for retrieving calendar information. Calendar information can be used by personal call routing rules. The [MailboxMap](#) table maps a user with their mailboxid in UMSS or on another mailstore identified as an *external service* in Cisco Unity Connection. The Views [vw_SubscriberExternalServiceMap](#) and [vw_SubscriberExternalServiceMapDetail](#) are provided for clients to obtain information about external services associated with a user.



Message Aging

Although it would be desirable, it is not feasible to expect that Unity Message Store Solution (UMSS) will be able to keep all voice messages for all users for all time. The UMSS has the facility which allows messages to be automatically removed from a user's mailbox after a specified period of time. The UMSS supports two message aging scenarios:

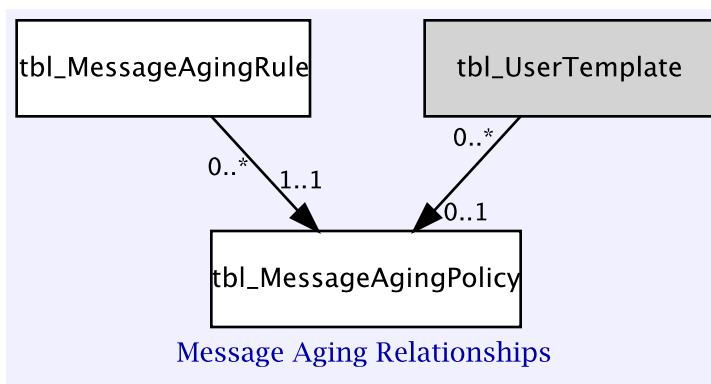
1. Messages that are marked read by the TUI or the GUI, in a user's inbox, can be configured to be automatically removed

after a specified period.

2. If soft-deletes are enabled, then messages in the deleted items folder can be configured to be automatically removed after a specified period.

Message aging is controlled by two entities:

- A [MessageAgingPolicy](#) that defines how messages are aged for all the mailboxes associated with the message aging policy. A [MessageAgingPolicy](#) is composed of 0-n message aging rules.
- A [MessageAgingRule](#) entity is a collection of attributes indicating how to age a group of messages. For example, you can specify a rule that will delete all message which are not deleted, but have been read after 7 days from the last modification to the message.



2.11. Media/Telephony Integration Objects

Beginning with Cisco Unity Connection 1.1, configuration settings for media-related entities such as integrations and ports, are now stored in the Cisco Unity Connection database. Telephony/port configuration settings such as data formerly stored in the Windows Registry and in the switch.ini files is also now stored in the Cisco Unity Connection database. The data model has been updated to improve support for multiple integrations. Another significant change from the Cisco Unity product is that the data model has been designed to allow in a future release of Cisco Unity Connection, the addition of active-active clustering of multiple “Front End” servers in a VMS. (Each front-end server being configured as a **voice processing** role.)

Another notable difference from the Cisco Unity product is that the sequential numbering schemes for switches and ports has been replaced by primary keys, i.e. GUIDs. Display names are provided for the human reader.

Primary Telephony Integration Objects

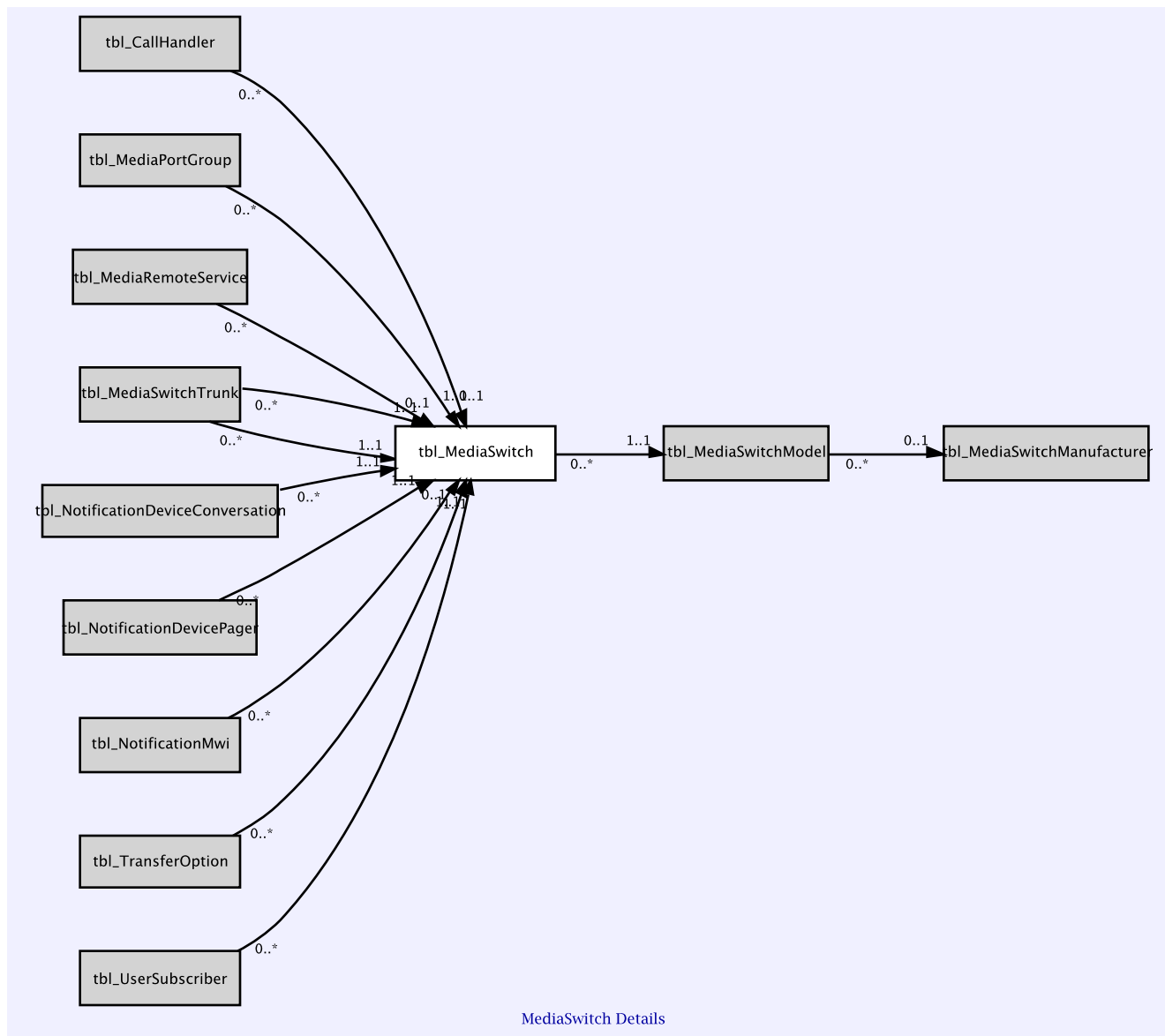
Configuration settings for telephony integrations are contained primarily in three entities, which are hierarchically related:

MediaSwitch

MediaSwitch is at the top of the hierarchy. A **MediaSwitch** represents a telephone switch/network (Cisco Unified Communications Manager cluster, SIP proxy server cluster, TDM PBX, etc.) with which the Cisco Unity Connection VMS can integrate. It encapsulates the switch identity and any attributes of the switch independent of the method used to integrate with the switch. When a **MediaSwitch** is created, the user specifies the manufacturer/model of the switch based on data from the respective tables.

Whenever an administrator specifies an extension for a user, notification device, MWI device, etc., they must also know the switch on which that extension is found. These tables all contain extension columns or associate with extensions from other tables, so they must also specify an associated switch.

In the scenario where Cisco Unity Connection integrates with more than one switch, trunk access codes must be specified between **MediaSwitch** entities. This information is stored in the **MediaSwitchTrunk** table. Note that access codes between two switches apply regardless of the method(s) Cisco Unity Connection uses to interface with the switches.



MediaPortGroup

MediaPortGroup is at the second level in the media entity hierarchy. It represents a set of phone lines/stations (generalized) that connects to the same switch using the same integration method and settings. A **MediaPortGroup** is comprised of a set of **MediaPort** entities that interface between Cisco Unity Connection and a **MediaSwitch** using a specific method (Skinny, SIP, PIMG) and common settings. The columns in the table and foreign key relationships to the table is the union of columns and foreign keys for all types of integrations. The column “TelephonyIntegrationMethodEnum” is a discriminator that determines what type of ports is in this group.

A **MediaPortGroup** can perform two basic functions: Telephony (initiates and accepts phone calls, and In-band MWIs. For each **MediaPortGroup**, the user can specify which of the two functions (possibly both) the port group is allowed to perform.

The **MediaPortGroupTemplate** is used to create new **MediaPortGroup**. **MediaPortGroupTemplates** are similar in function to subscriber templates, except that unlike subscriber templates, **MediaPortGroupTemplates** are authored by Cisco Systems and should never be modified. The **MediaPortGroupTemplate** contains the default values for all the attributes of a **MediaPortGroup**. Each

MediaPortGroupTemplate is designed for a specific model/manufacture of switch. The model is stored in the template itself. When a user selects a model, default values specified in the template are copied into the new [MediaPortGroup](#) entity. Columns with names beginning with “Copy_” are values that are copied into the new row in [MediaPortGroup](#).

MediaPort

[MediaPort](#) is at the bottom of the hierarchy. A [MediaPort](#) is a member of a [MediaPortGroup](#). Each row in [MediaPort](#) represents the settings for one generalized phone line/station emulated by Cisco Unity Connection. Like port groups, there are different types of ports - one for each integration method. Like [MediaPortGroup](#), a single table [MediaPort](#) - contains the union of attributes for all types. As with [MediaPortGroup](#), the column “TelephonyIntegrationMethodEnum” is a discriminator that determines what type of port this is.

[MediaSwitch](#) and [MediaPortGroup](#) entities belong to the entire VMS. Any settings specified for these entities carry over to all the voice processing servers in the VMS. [MediaPort](#) entities on the other hand are configured to run on a specific voice-processing server. Thus a [MediaPortGroup](#) may contain some MediaPorts that run on one server and other MediaPorts that run on another server. All of those ports would inherit common settings from their parent [MediaPortGroup](#) and [MediaSwitch](#) entities.

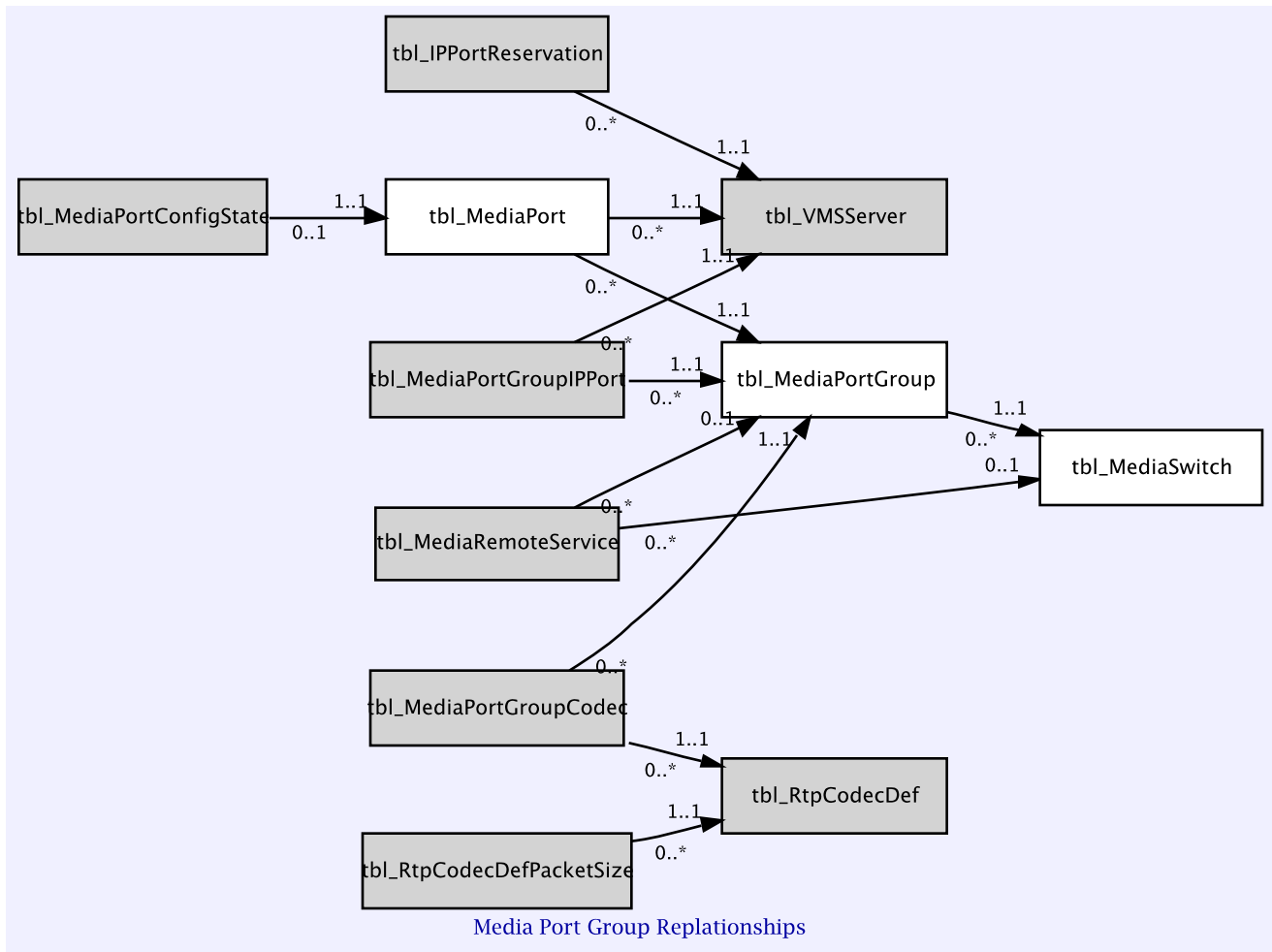
Other Media Integration Objects

Besides the three main media entities [MediaSwitch](#), [MediaPortGroup](#), and [MediaPort](#), there are additional objects which are used to provide the functionality used in all integrations.

[MediaRemoteService](#) stores information about IP-based telephony services on the network with which Cisco Unity Connection can communicate. Information is different depending on the integration's method of integration.

[MediaPortGroupIPPort](#) stores the IP ports on each Cisco Unity Connection server that are reserved for SIP (SIP and PIMG) integrations. It's worth noting here that during Setup, the [IPPortReservation](#) table is populated with the ranges of IP ports reserved for SIP and RTP/RTCP. In the case of SIP, the data constrains the port numbers that can be assigned by the user to a port group.

[MediaPortGroupCodec](#) maps the codec definitions from [RtpCodecDef](#) to a [MediaPortGroup](#). [RtpCodecDefPacketSize](#) defines the packet size for audio streaming of the codec definitions in [RtpCodecDef](#).

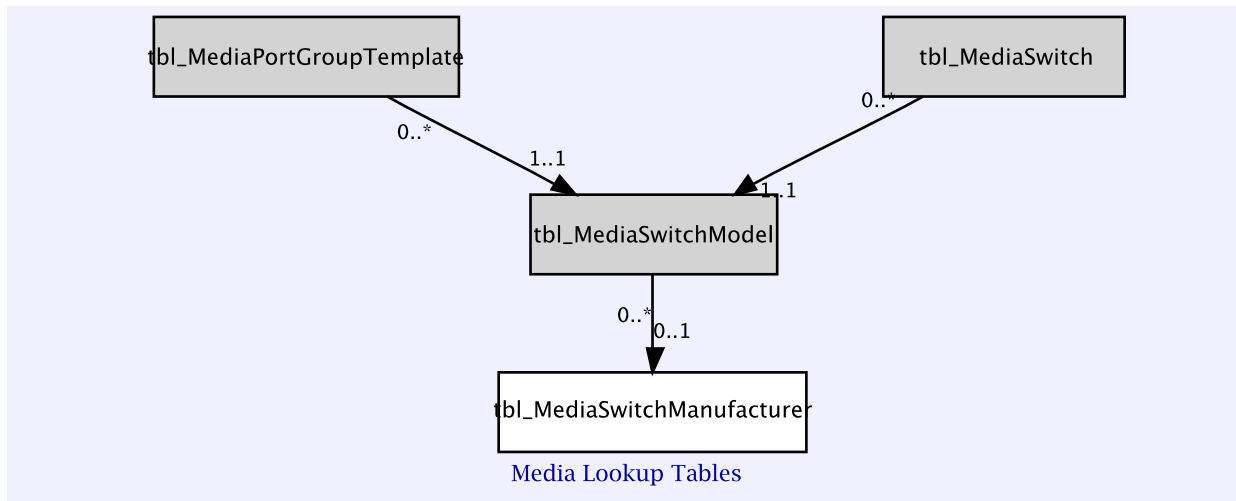


Static Data

These tables contain the default configuration data for each switch that has been tested and qualified by Cisco Systems. The data is authored by Cisco Systems and must be identical on all Cisco Unity Connection systems. The rows in these tables are populated during the Setup process and should never be modified by the user. However, in some cases it is necessary for a user to add rows to these tables. For example, when someone is testing/qualifying a new PBX. The “IsUserDefined” column in each of these tables is used to identify rows in these tables authored by someone other than Cisco.

Switch Manufacturer and Models

The [MediaSwitchManufacturer](#) and [MediaSwitchModel](#) tables contain the manufacturer/model combinations for the valid and qualified switch integrations.



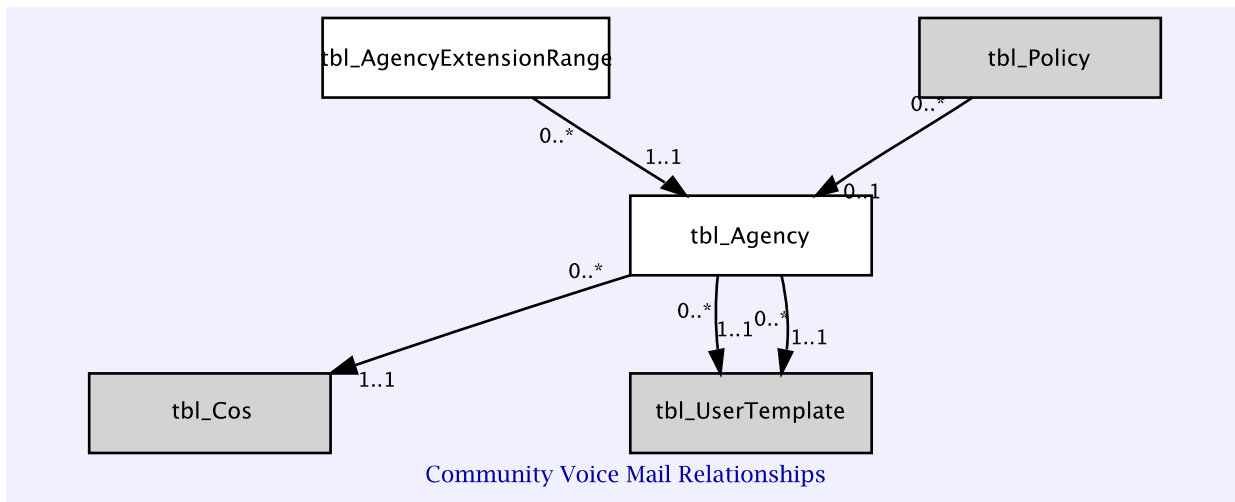
WaveFormat

[WaveFormat](#) contains definitions of the format of waveform-audio data (i.e., wave file formats). This data is NOT authored by Cisco Systems. See Microsoft documentation of WAVEFORMATEX for more information.

2.12. Miscellaneous

Community Voice Mail

The Community Voice Mail organization utilizes Cisco Unity Connection to provide voice mail services to persons without access to a permanent phone number. Community Voice Mail agencies are assigned a block or blocks of phone numbers of which they can then assign to an individual client. A single Cisco Unity Connection VMS may contain several agencies. The [Agency](#) table tracks the general information about a Community Voice Mail participating agency. A single agency can have multiple ranges of extensions, but a given [AgencyExtensionRange](#) can only be owned by one agency (i.e. two agencies cannot have the same extensions assigned to them).



Installed Language

The [InstalledLanguage](#) table contains the names of GUI or TUI languages that are installed on the VMS server. This table is used to populate the drop-down language lists that appear in the Cisco Unity Connection Administration.

The [LanguageMap](#) table maintains a mapping of language code (e.g., 3034) to language abbreviation (e.g., FRC) and ISO language tag (e.g., fr-CA).

Licensing

Two entities [LicenseFileStatus](#) and [LicenseStatus](#) maintain the status of license files and overall status of license features respectively.

Localized Text

Several entities contain attributes that need to be localized. For example, several entities have a “DisplayName” attribute. Text strings for entity attributes that need to be localized are contained in the [LocalizedText](#) table. The entity will contain a localizationkey attribute that references the corresponding text string in [LocalizedText](#). Using the localizationkey and languagecode, a client such as Cisco Unity Connection Administration can retrieve the text for the attribute in the desired language.

Tree Control Node

The [TreeControlNode](#) table defines all of the nodes of a tree control menu, which is used by the Cisco Unity Connection Ad-

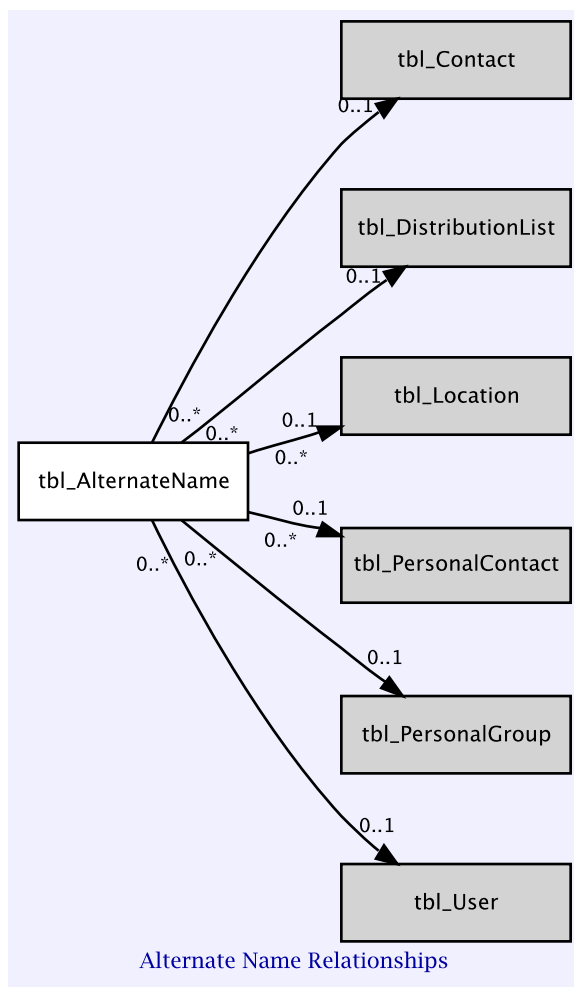
ministration.

2.13. Names

In the UnityDirDb database there are two global tables that are used by the Voice User Interface (VUI) for pronunciation of names and for name recognition:

Alternate Names

The [AlternateName](#) table is a repository of data used by the VUI for alternate pronunciations of a user, contact, or a personal contact name. Alternate names are typically created for users with difficult to pronounce names. A more phonetic spelling of the name can be entered here to provide a better chance of getting a match when using voice recognition to lookup a user by name.



Nick Names

The [Nickname](#) table contains a list of familiar names or the shortened form of a user or contact's proper name, which is used by the VUI for name recognition. For example, the proper name Edward may have nicknames such as Ed, Eddie, and Eddy. Each of which would be a nickname in the [Nickname](#) table associated with the CanonicalName of Edward.

2.14. Notification Devices and Rules

Cisco Unity Connection can notify a user of new messages by calling a phone or pager, sending a text message to text pagers and text-compatible cell phones or in the form of an SMS message to a wireless device using SMPP, or by sending a message to a designated e-mail address. For each notification device, there is an accompanying notification rule, which determines when the notification device will trigger and what conditions cause the device to trigger. Message notification can be configured to **chain** a series of notification devices together so that if an attempt to send notification to the first selected device fails, the next notification device in the chain will be tried, and so on. The definition of failure to a notification device is based on the device's parameters for retrying the device that is not answered or is busy. Message notification can also be set up to **cascade** message notification to a series of notifications to a widening circle of recipients.

Additionally, a user has one or more MWI devices for turning on/off the message waiting indicator on a phone.

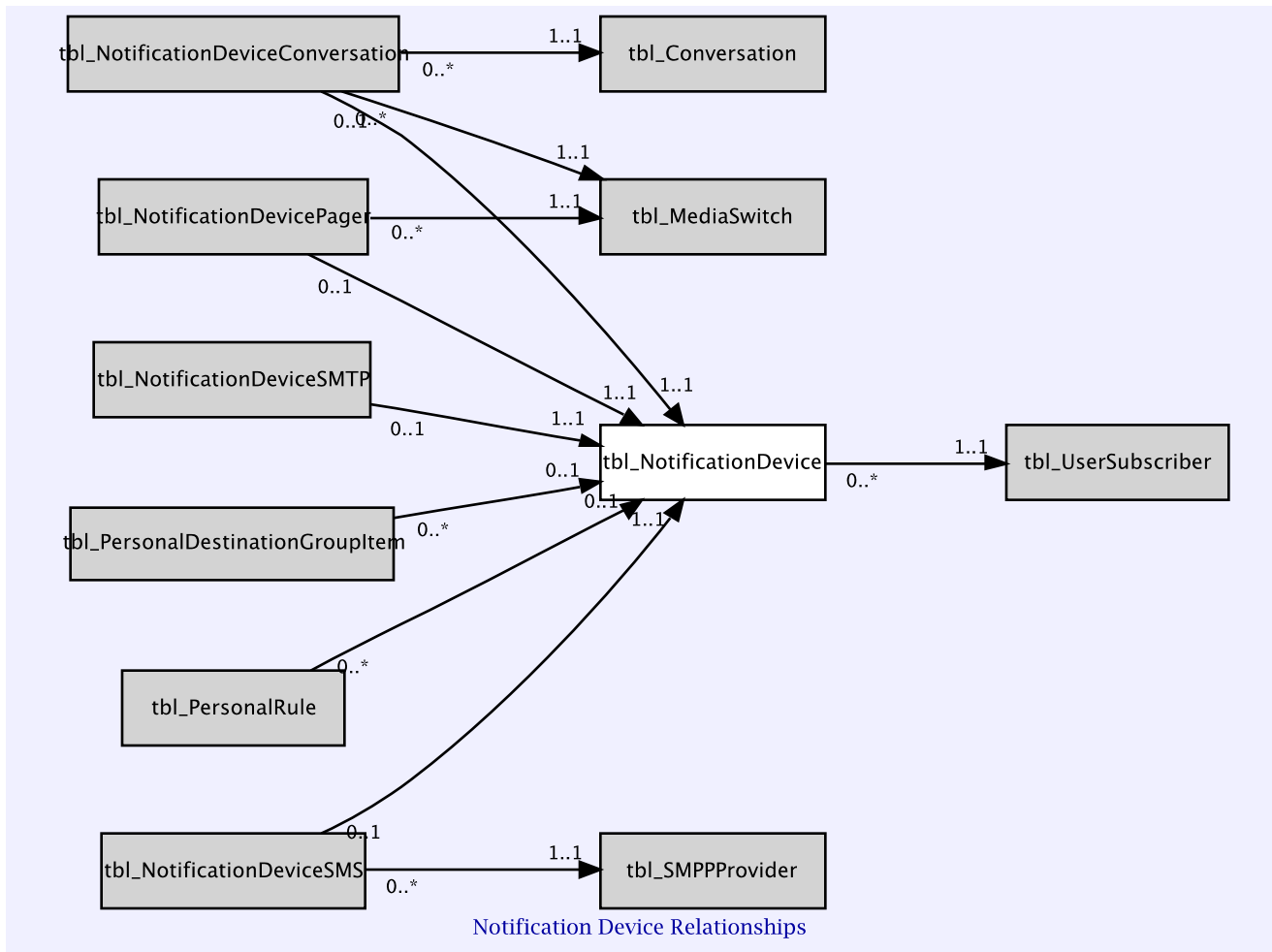
Notification Devices

Cisco Unity Connection can notify a user of a new message by sending a message to one or more notification devices available to a subscriber. By default, each user has five pre-defined notification devices:

- Work phone
- Home phone
- Mobile phone
- Pager
- SMTP device

Because the Conversations component can only deal with the types of notification devices that it knows about, these five are the only devices configurable via the TUI. However, an administrator can add new devices to this collection.

Notification devices are grouped into five notification device sub entities, according to the method and protocol used to communicate with the device. These entities contain the parameters and setting for each particular type of device. For example, the [NotificationDeviceConversation](#) entity contains the properties necessary for sending a notification message to a dialable phone device, the [NotificationDeviceSMTP](#) entity contains the properties necessary for sending a notification message to text pager via an SMTP address or to a home e-mail address. The [NotificationDevice](#) table contains those properties common to all types of notification device entities and acts as the *superclass* for these entities. The following diagram illustrates all the notification device entities and their relationships:



NOTE: A separate view is provided for each type of notification device (e.g., [vw_NotificationDevicePager](#)) along with [vw_NotificationDevice](#), which is a roll-up of all types of notification devices.

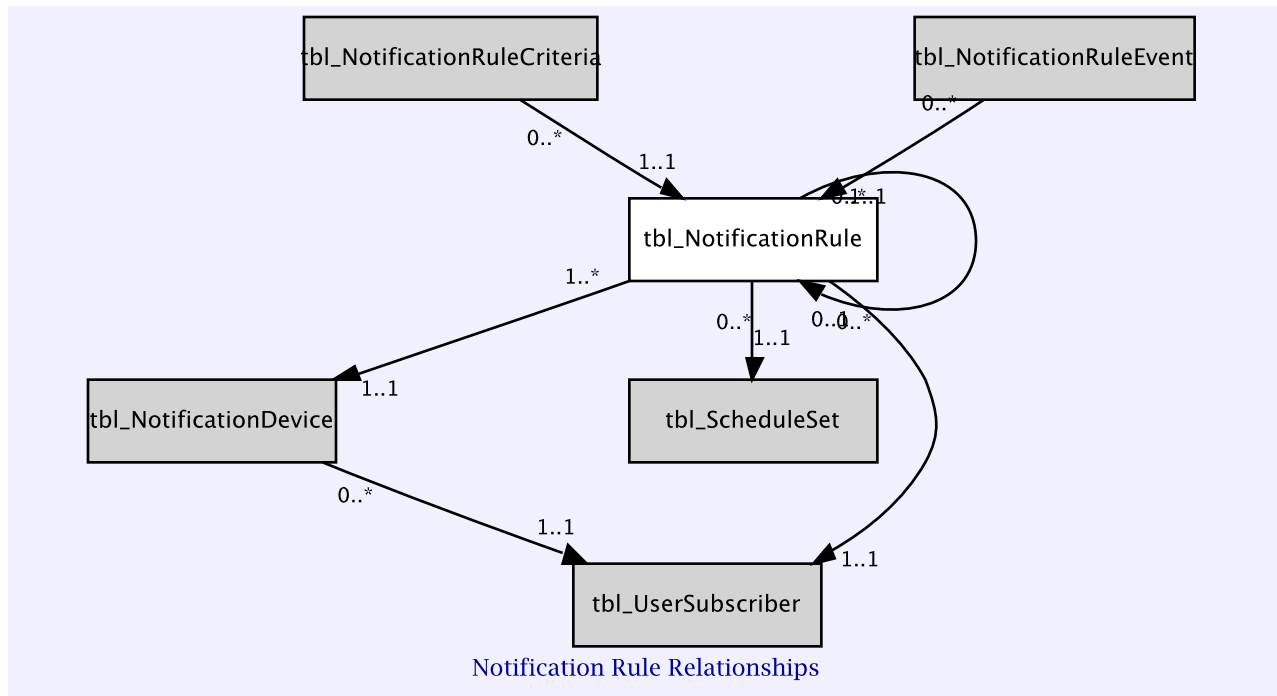
Notification Rules

Each notification device has a [NotificationRule](#) for determining the schedule the device is active for, what type of messages will cause the device to trigger, and whether notifications are repeated and at what interval.

A note about schedules...now a notification device can share a schedule with another notification device. The data model allows a subscriber to have the option to choose a system schedule such as “Business Hours” or a user-defined schedule for their notification schedule. This capability may or may not be initially implemented, but the data model supports it.

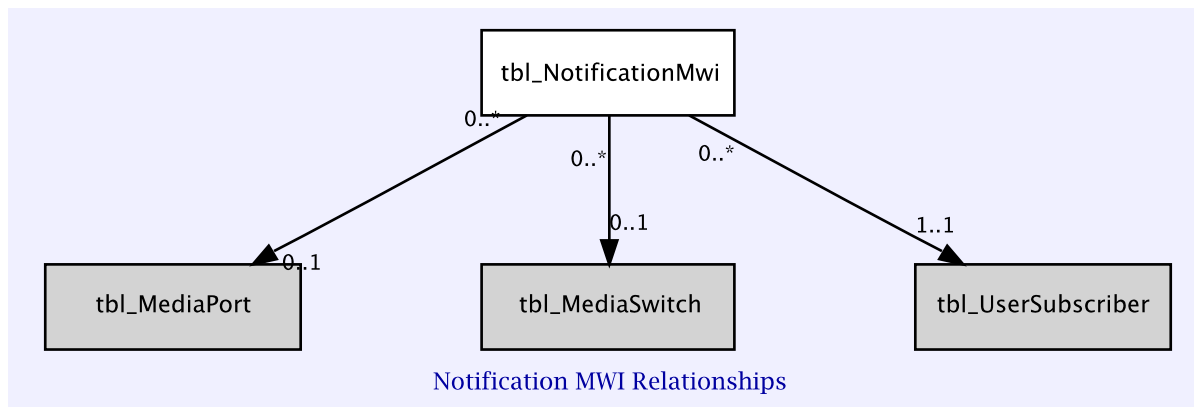
Criteria that determines what triggers a notification rule (e.g., “Pending Urgent Voice Mail”) are contained in the [NotificationRuleCriteria](#) table. There is one row per criteria that is enabled for a [NotificationRule](#).

Events such as “First Message” that cause a rule to trigger are contained in the [NotificationRuleEvent](#) table. One event should be enabled for a [NotificationRule](#).



Notification MWI

By default, all subscribers are assigned an MWI device, which is stored in the [NotificationMwi](#) table. Neither the database, nor the Notifier limits the number of MWI extensions a subscriber may have. However, a practical limit of ten MWI devices associated with a subscriber mailbox for handling multiple line appearances or multiple phones is recommended.



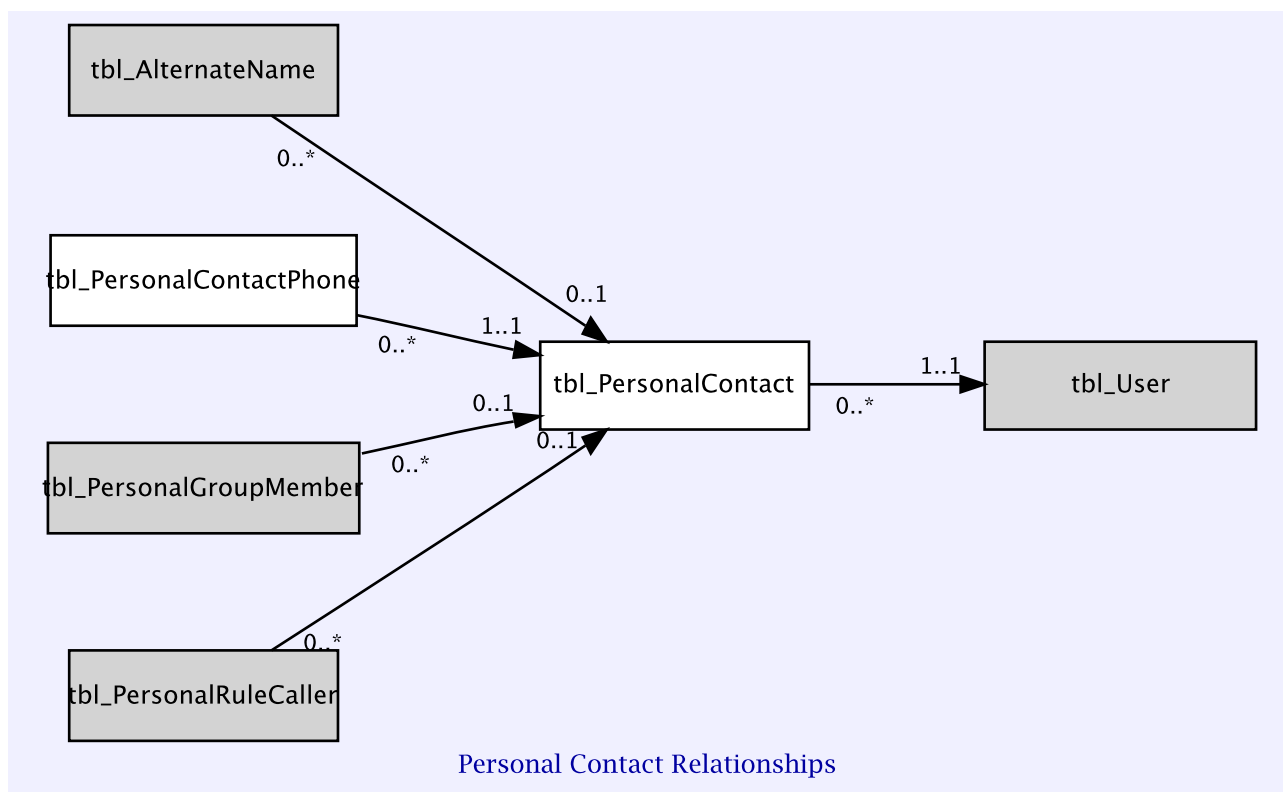
2.15. Personal Contacts and Personal Call Routing Rules

Personal Contact

A **PersonalContact** represents a person or entity who is not a Cisco Unity Connection user, and is not a **Contact**. A personal contact can be used by a personal call routing rule to identify a caller. Using the VUI, a user can also instruct Cisco Unity Connection to dial the phone number for a personal contact. The **PersonalContactPhone** table contains the phone numbers for personal contacts. Although both **PersonalContactPhone** and **PhoneNumber** contain similar attributes and data, their usage is much different, which is why the tables were intentionally kept separate.

Similar to **PhoneNumber**, this table contains three different "phone number" columns:

- **PhoneNumber** - a phone number. The phone number stored in this column can include formatting characters such as parenthesis, hyphens, plus sign, comma, period, etc. For example: 206-555-1212.
- **DialablePhoneNumber** - a "dialable" version of the **PhoneNumber** column. It contains transfer strings and whatever characters are required to dial the number over the PSTN. For example: 9,12065551212.
- **SearchablePhoneNumber** - a "searchable" version of the **PhoneNumber** column without any formatting characters or transfer strings. This number is used by clients to match inbound call ANI/Caller ID numbers with a user or contact. For example: 2065551212.



Personal Address Book

The personal address book grew out of the need to support a flexible way to create and hierarchically organize names and phone numbers of personal contacts for use in personal call routing rules. See [PersonalGroups](#) for more about this model.

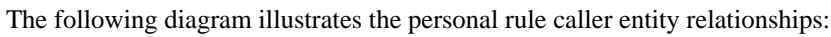
Personal Call Routing Rules

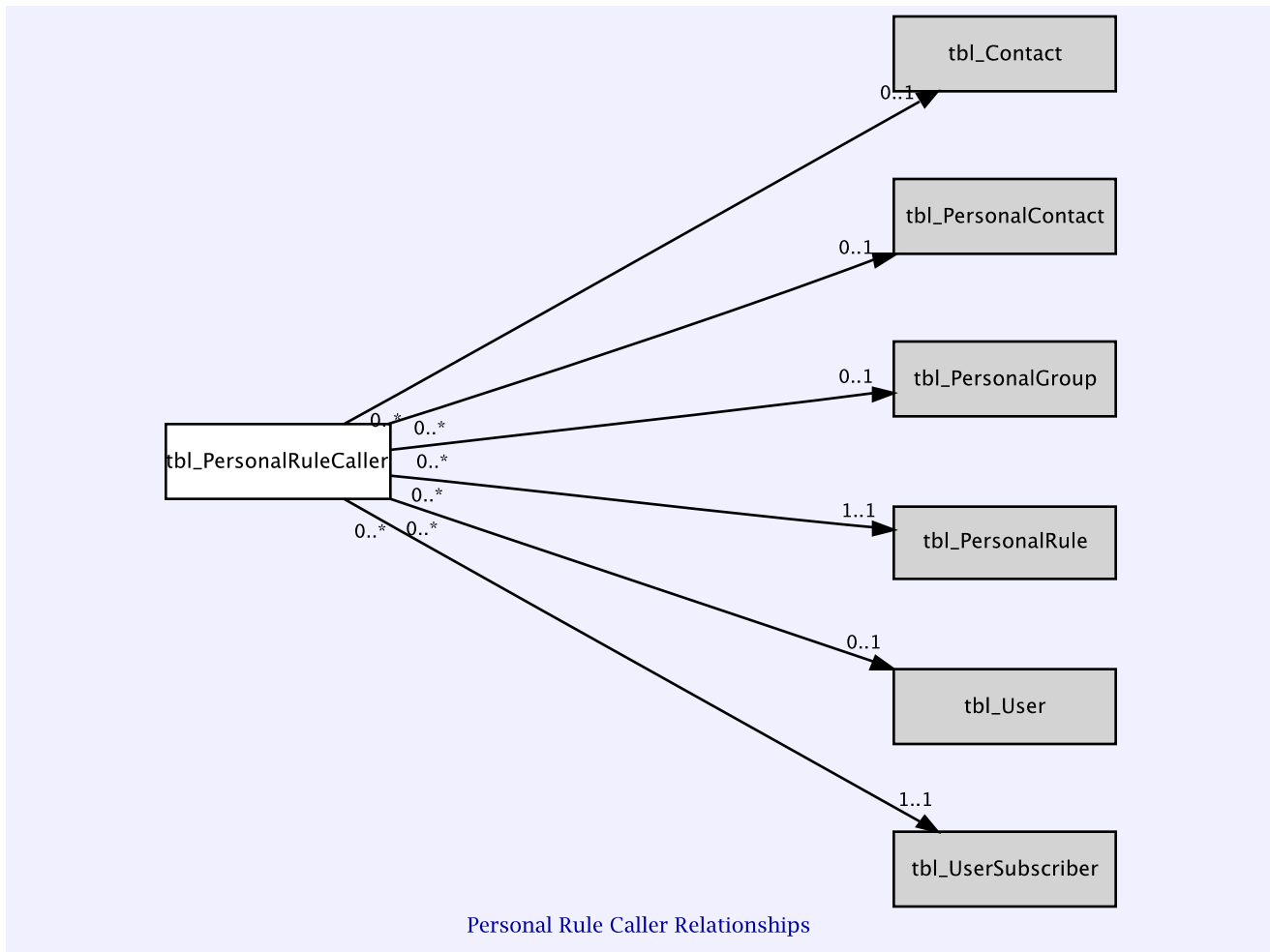
Personal call routing rules can be thought of almost like “super transfer options” in Unity. When enabled, the rules kick in when a call is about to be transferred to a user. The main table for specifying these rules is [PersonalRule](#) , but it has a reference either directly or indirectly to several other tables.

A [PersonalRule](#) works by using ANI or Caller ID to help identify the incoming caller, and then based on the identity of the caller, the rule will specify what to do with the call. The rule specifies a series of phone numbers or devices to try in order using what is called a destination. This destination may be one of several things:

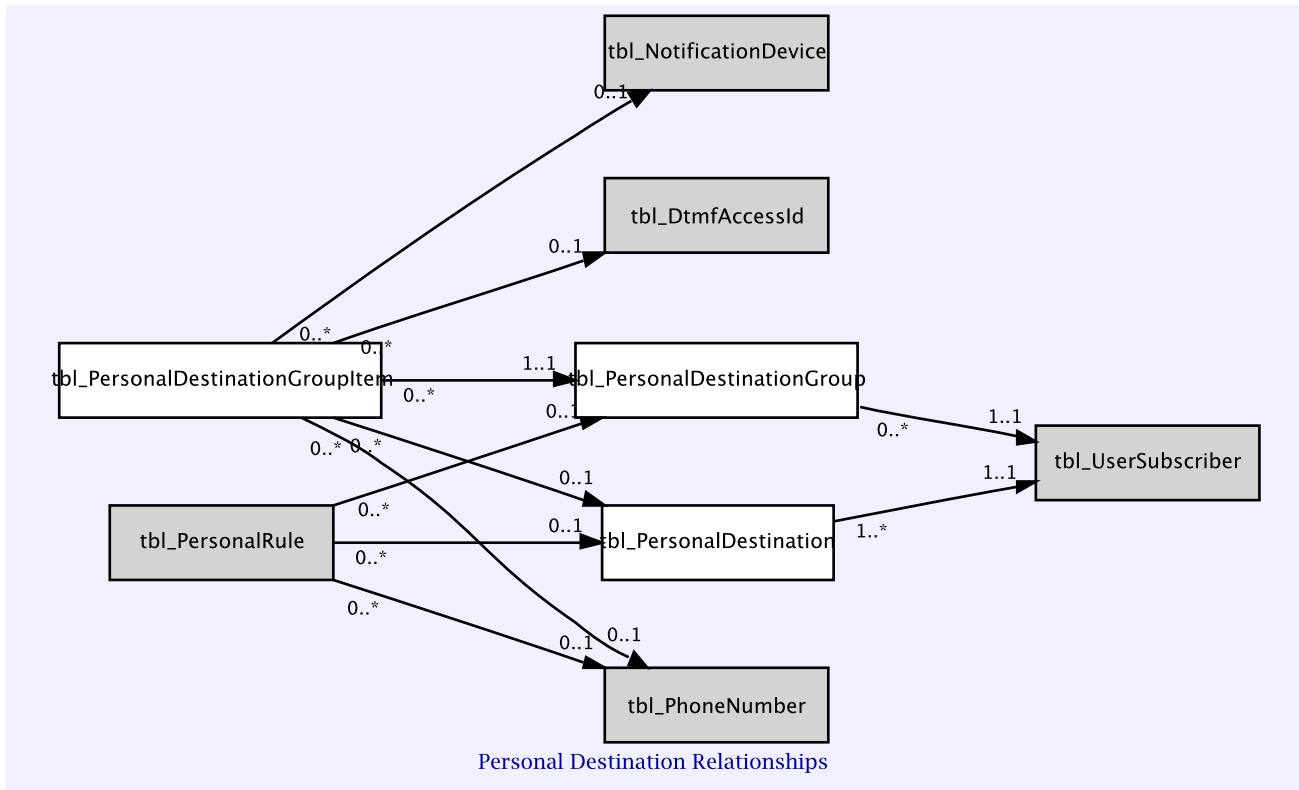
- the user's extension
- an existing [NotificationDevice](#) for the subscriber (so that we can take advantage of a User's pager or SMS device)
- another subscriber
- one of a subscriber's phone numbers, as defined here in [PhoneNumber](#)
- a one-off phone number ([PersonalDestination](#))

The following diagram illustrates the personal rule entity relationships:





The following diagram illustrates the personal destination entity relationships:

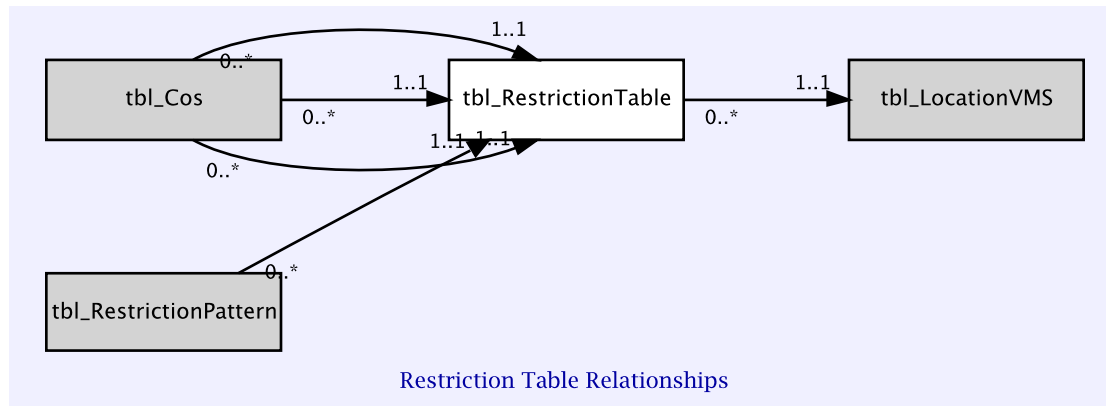


2.16. Restriction Tables and System Call Routing Rules

Restriction Tables

[RestrictionTable](#) entities are used to control which phone numbers subscribers can use for transferring calls, recording and playback by phone from Cisco Unity Connection applications, delivering faxes to a fax machine, and sending message notifications. A restriction table consists of dial strings that form call patterns, which can be marked for allow or disallow. For example, 91?????????. These call patterns are stored in the [RestrictionPattern](#) table. A restriction table must have a least one dial string with a call pattern of “*” to ensure that Cisco Unity Connection is able to match a call pattern. The order of the call patterns, which is controlled by the **SequenceNumber** in the [RestrictionPattern](#) table, is very important because Cisco Unity Connection sequentially compares a phone number to the call patterns in the [RestrictionPattern](#) table, starting with the lowest number, e.g., “Dial String 0.” If a number matches more than one call pattern, the number is handled according to the first call pattern it matches.

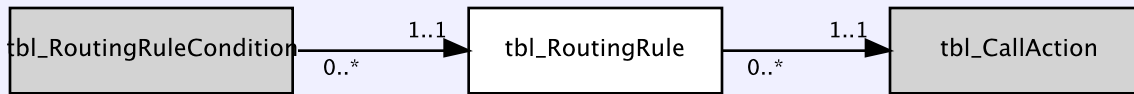
Like other Cisco Unity Connection system entities, [RestrictionTable](#) entities are assigned to a [LocationVMS](#) .



System Call Routing Rules

System routing rules enable Cisco Unity Connection to determine how to route incoming calls (e.g., to the operator, a specific subscriber, call handler, directory handler, etc.) based on the information that Cisco Unity Connection may have about a call, such as the calling phone number (ANI or caller ID), the trunk or port on which the call comes in, the dialed phone number (DNIS), the forwarding station, and the schedule. When Cisco Unity Connection receives a call, it first determines if it is a direct or forwarded call based on the information sent by the phone system, and then applies the applicable [RoutingRule](#) . If the call information matches all of the settings for the first rule, the call is routed as specified in the rule. If any call information does not match the settings specified in the first rule, the call information is then compared to the settings of the second rule, and so on, until a rule is found that matches all the characteristics of the call. The `tbl_RoutingRule.LanguageCode` attribute sets the language for the call.

Each routing rule is comprised of zero or more conditions, which are contained in [RoutingRuleCondition](#) . It functions as a static lookup table that is loaded during Setup.



Routing Rule Relationships

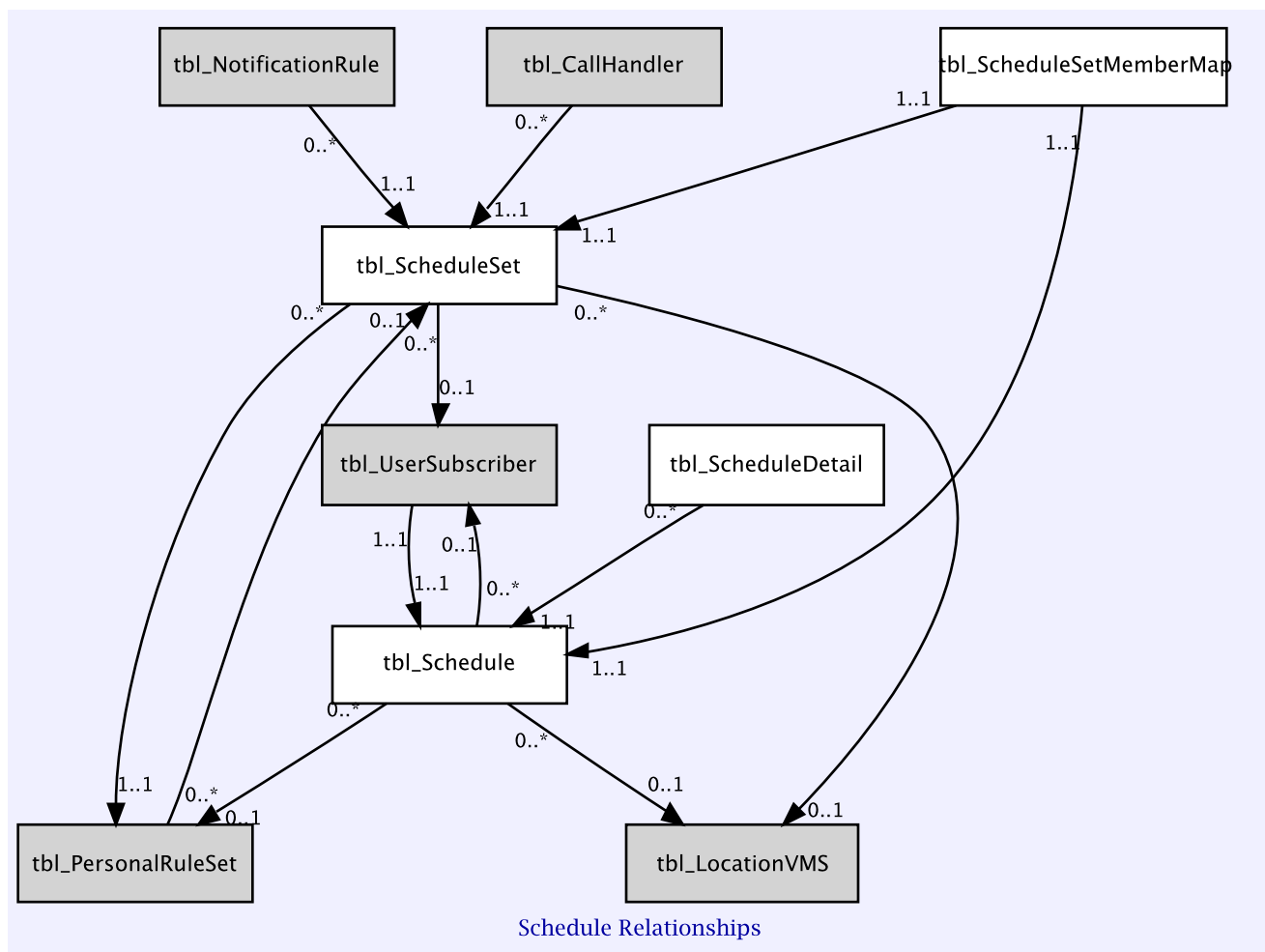
2.17. Schedules

Schedules are one of the variables that Cisco Unity Connection uses to manage calls. Schedules have several uses including:

- Establish standard hours versus closed hours for the system or user - what greeting to play when
- In personal call transfer rules - when to transfer incoming calls, free/busy information
- Notification rules - when to notify a user of messages

Each [Schedule](#) can have multiple [ScheduleDetail](#) records. Each [ScheduleDetail](#) record specifies what day or days of the week the schedule is active, and between what times. Notice that the database no longer has a limitation of storing schedule information in 15-minute increments as was the case in Cisco Unity. To provide the functionality required for personal routing rules, the concept of a [ScheduleSet](#) was added, which contains groups of schedules. The [ScheduleSetMemberMap](#) table maps a [Schedule](#) to a [ScheduleSet](#) so that each [Schedule](#) that is contained in a [ScheduleSet](#) may be designated as either “include” or “exclude” this time period.

A [Schedule](#) and [ScheduleSet](#) are owned by either a location, such as for a “system schedule,” or by a subscriber or personal rule set.

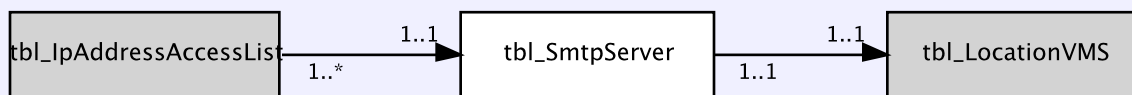


One notable difference from the Cisco Unity product is the elimination of the Holiday table. Now holidays each become a [Schedule](#) by setting the **IsHoliday** flag for the appropriate [Schedule](#). These schedules can be added to a [ScheduleSetMemberMap](#) with the **Exclude** attribute set, which basically subtracts that period of time. A subscriber's free/busy time (needed for personal call routing rules) is handled in a similar way. Each subscriber can have a special schedule called “FreeBusy” into which Cisco Unity Connection periodically pulls the free/busy information from Exchange or other groupware product. The FreeBusy schedule should contain only the busy times, and should be included in a [ScheduleSet](#) with **Exclude** just like the holiday schedule.

2.18. SMTP Server

The [SmtpServer](#) is used to send outbound SMTP notifications and send/receive VPIM messages to/from other messaging systems such as Cisco Unity.

The [IpAddressAccessList](#) contains an IP address or group of IP addresses that is allowed to connect to the SMTP server. Using this entity, the SMTP server can be configured to: allow connections from any IP address, deny connections from any IP address, allow connections from an explicit IP address or group of IP addresses, or to allow connections from all IP addresses EXCEPT those explicitly specified to deny.



SMTP Server Overview

2.19. Tasks

For the purpose of helping to ensure the health of a Cisco Unity Connection system, there are a group of tables that are used by the SysAgent component to allow tasks to be scheduled or executed periodically. Also ad-hoc tasks can be created to run on demand.

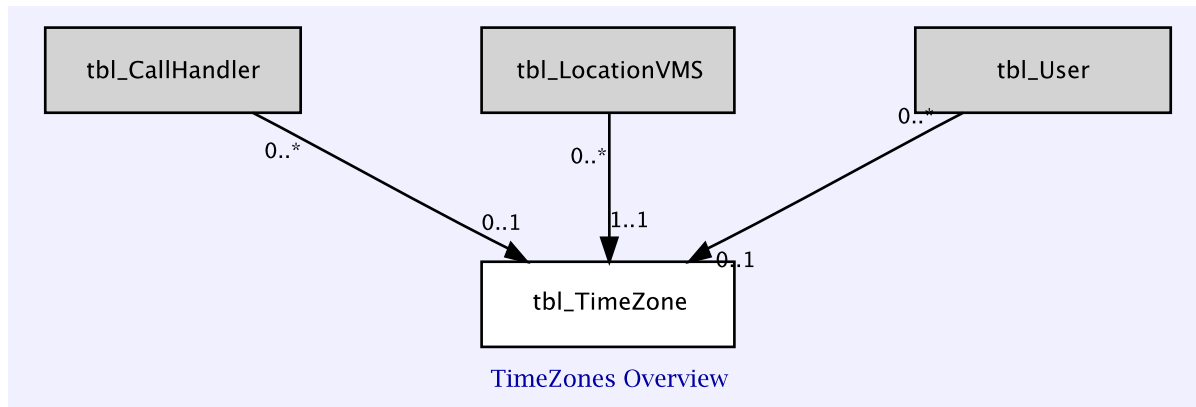
[TaskContext](#) provides a mechanism for clients so that they can optionally specify task-specific information to be used when tasks are executed. There can be N pairs per task. Tasks that are executed from the Cisco Unity Connection Administration and SysAgent are contained in [TaskDefinition](#) . A task which can be scheduled to run repeatedly, either by interval (i.e. every 15 minutes), or at a fixed time of day is stored in [TaskPeriodic](#) .



Task Relationships

2.20. Time Zones

Unity Connection needs to convert Coordinated Universal Time (UTC) to local time. The [TimeZone](#) table stores the time zone information in a platform independent format. This enables time calculations to be performed using either Windows API calls (e.g., `SystemTimeToTzSpecificLocalTime`) or by using the Java `SimpleTimeZone` class.



2.21. Users and Contacts

Cisco Unity Connection does not have the concept of a **Subscriber**. Rather, it simply has users, whom may or may not have a voice mailbox on the system. For those familiar with the Cisco Unity product, this is a change where Cisco Unity has Subscribers, but no concept of a User. You may see references to a “Subscriber” in the context of Cisco Unity Connection. This should be treated a User who has a voice mailbox on the system. To distinguish between a plain user and a user with a voice mailbox on the system, the data model uses the terms *user* and *subscriber* in the naming of tables, views and stored procedures.

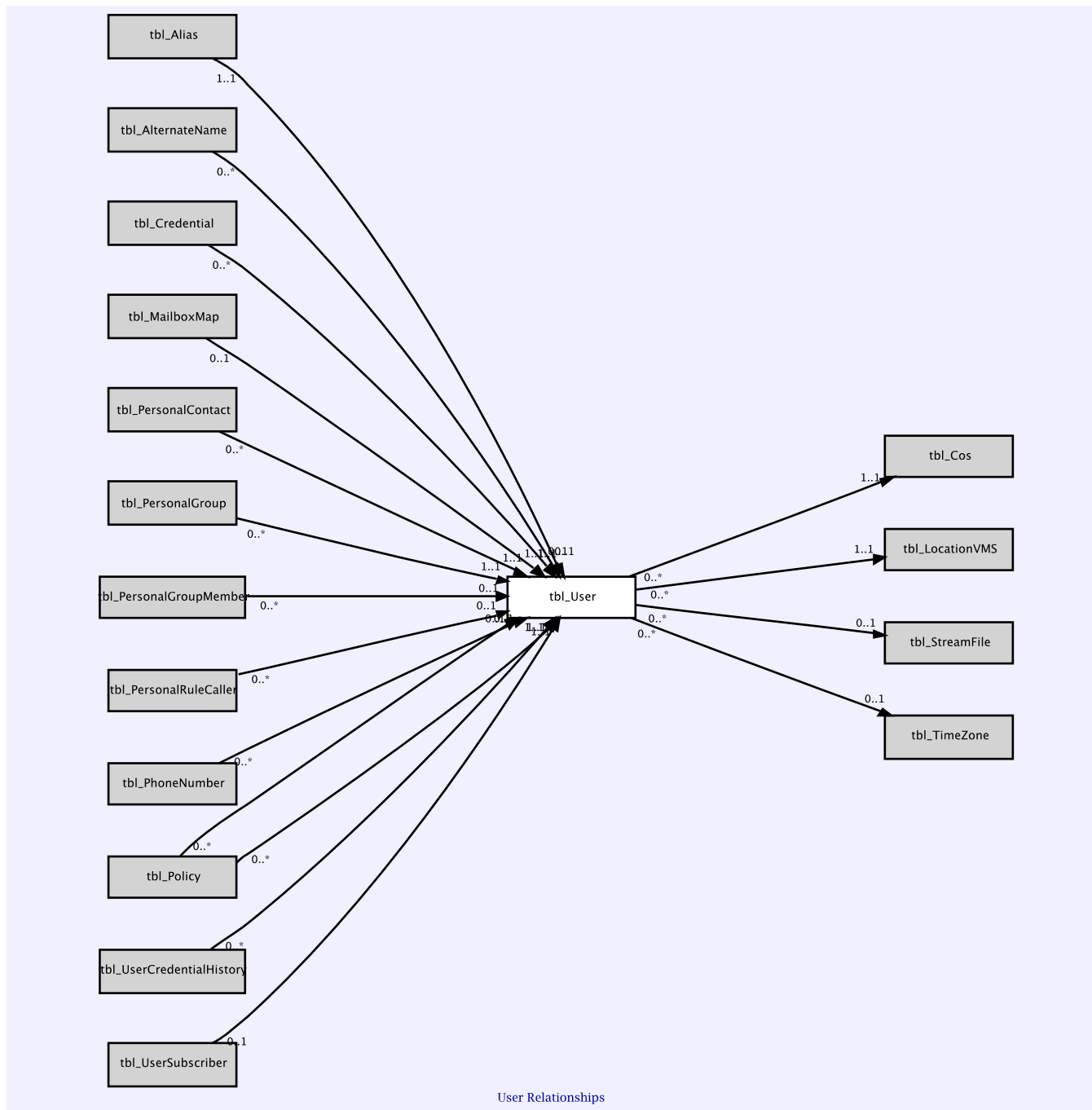
Users

A [User](#) is a person with an account on the local system. They are assigned to a [Location](#). This does not necessarily mean that voice mail or personal call routing features are assigned to this user, just that there is an account on the system. This makes it possible to create administrators that do not have a voice mailbox on this system and gives us a much cleaner distinction between what is common user directory information versus information pertaining to a subscribed service such as voice mail. This should make LDAP queries, for example, much faster due to the more manageable record size.

A user will have two credentials, one for TUI access and one for GUI access. The data model also supports adding existing directory credentials to allow single sign-on, but in this release of Cisco Unity Connection that is not being utilized.

Users can also be associated with one or more mailboxes in a specified mail store (such as UMSS for example). So in Unity-DirDb we keep track of the mailbox id in a separate [MailboxMap](#) table, which is really just a mapping to mailbox identifiers.

This diagram shows the [User](#) entity model:



Users With Voice Mailbox

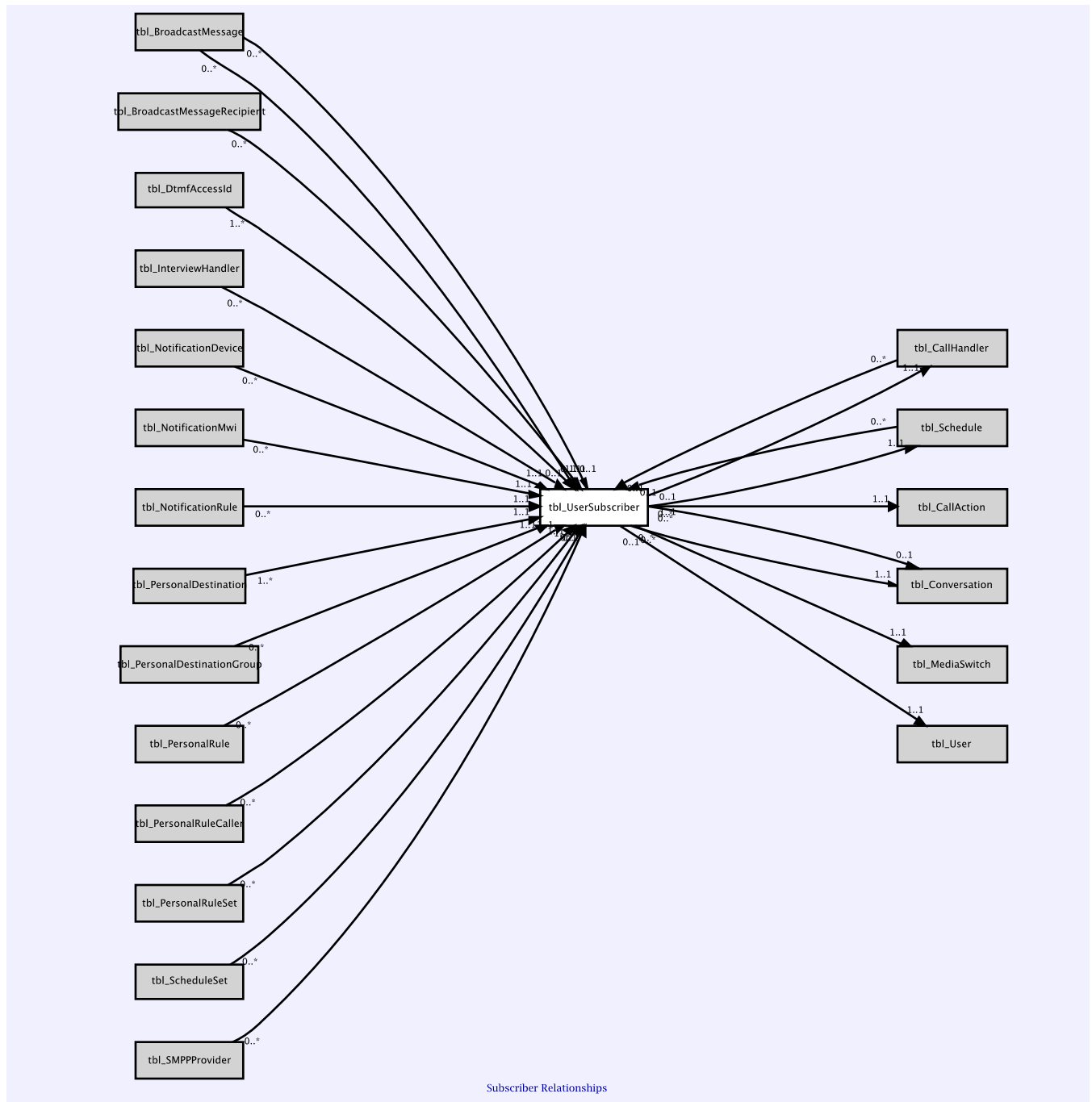
A user can optionally *subscribe* to services such as voice mail or personal call routing rules. The types of services (features) allowed for a user are controlled via the **Cos** assigned to a user.

In the Cisco Unity product there are multiple “types” of subscribers: Internet, AMIS, Bridge, etc. In Cisco Unity Connection 1.1 networking is not supported, but the data model accounts for these entities in the following way: subscribers that really represent a subscriber on a separate system are represented by Contacts in the database.

If a [User](#) has a voice mailbox on this system, there will be a corresponding [UserSubscriber](#) entity that is essentially what a Subscriber used to be in the Cisco Unity product, minus the User information which has been extracted (and some other cleanup). Types of services will also be specified for the subscriber by assigning a [Cos](#) to the user.

A [UserSubscriber](#) includes links to some external entities that are of interest. A user with voice mail must be associated with a phone system and a [CallHandler](#) (i.e., “primary” call handler). Note that unlike Cisco Unity where the phone system was represented by the **switchid** property with a value of 0 or 1, now the phone system is represented by a [MediaSwitch](#) entity. To be exact, a pointer to **MediaSwitchObjectId**, which of course contains a GUID type value. A user may also have a recorded voice name, which is referenced by a pointer in [StreamFile](#) .

So here's what we have for the user with a voice mailbox (i.e. subscriber) relationships:



Credentials

One of the security requirements is to support multiple credential policies to allow for creating more stringent credential policies for administrators than for standard users. For example, when a user is created, the administrator can elect to give that user a credential policy (referred to as an “Authentication Rule” in the Cisco Unity Connection Administration) requiring that person to use a stronger password (or change it more frequently, etc.) This also extends to the user's PIN (“TUI password”), which obviously must have a different policy than a password entered via keyboard.

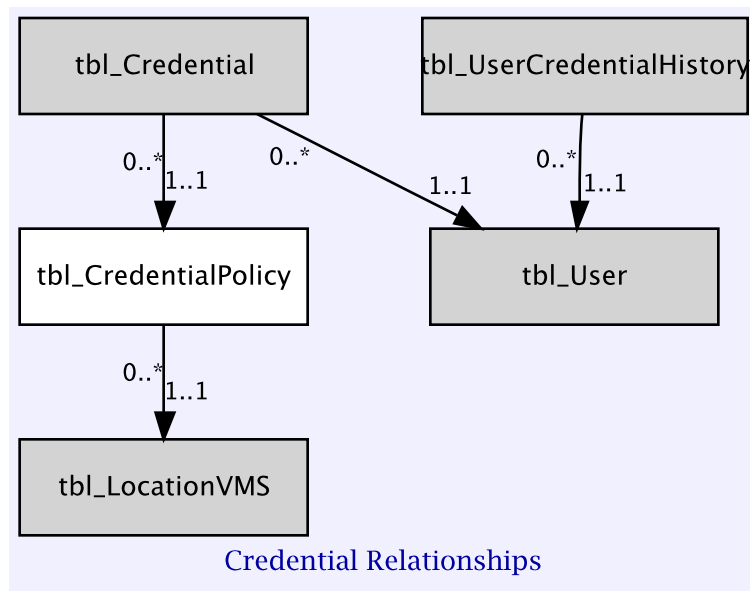
To support this capability, there is now the addition of a pointer from the [Credential](#) table to a [CredentialPolicy](#) . A [Credential](#) must have a [CredentialPolicy](#) (referred to as “Authentication Rule” in Cisco Unity Connection Administration) while multiple credentials can map to the same [CredentialPolicy](#) . As noted above in the User section, for each type of credential a user may have, there is a link from the [Credential](#) table to the [User](#) table. Cisco Unity Connection is designed to support four [types](#) of credentials:

- GUI password
- TUI password
- Windows credentials
- Domino credentials

Note that Windows and Domino credentials are not used in Cisco Unity Connection. The Windows credentials will allow for the mapping Windows accounts to Unity user accounts like is done in Cisco Unity, so that if someone is already signed on the box as a local administrator they won't have to enter their Cisco Unity Connection username and password.

A user may have more than one type of credential. For example one for accessing their voice messages via the phone (TUI) and another for managing their settings via a web-based client such as CPCA. If a user needs to have different passwords for different situations (system administration vs. CPCA for example), it may be necessary (and is highly recommended) that they create more than one user account. User accounts are not licensed, so this is essentially the same as having separate credentials for a user but is a much simpler model than having varying “identities” for a user.

A history of user credentials is maintained in [UserCredentialHistory](#) . A change is recorded for each creation or change of a user credential. This data is used to prevent former user credentials from being reused when a new credential is created, if desired.



Templates - User and User With Mailbox

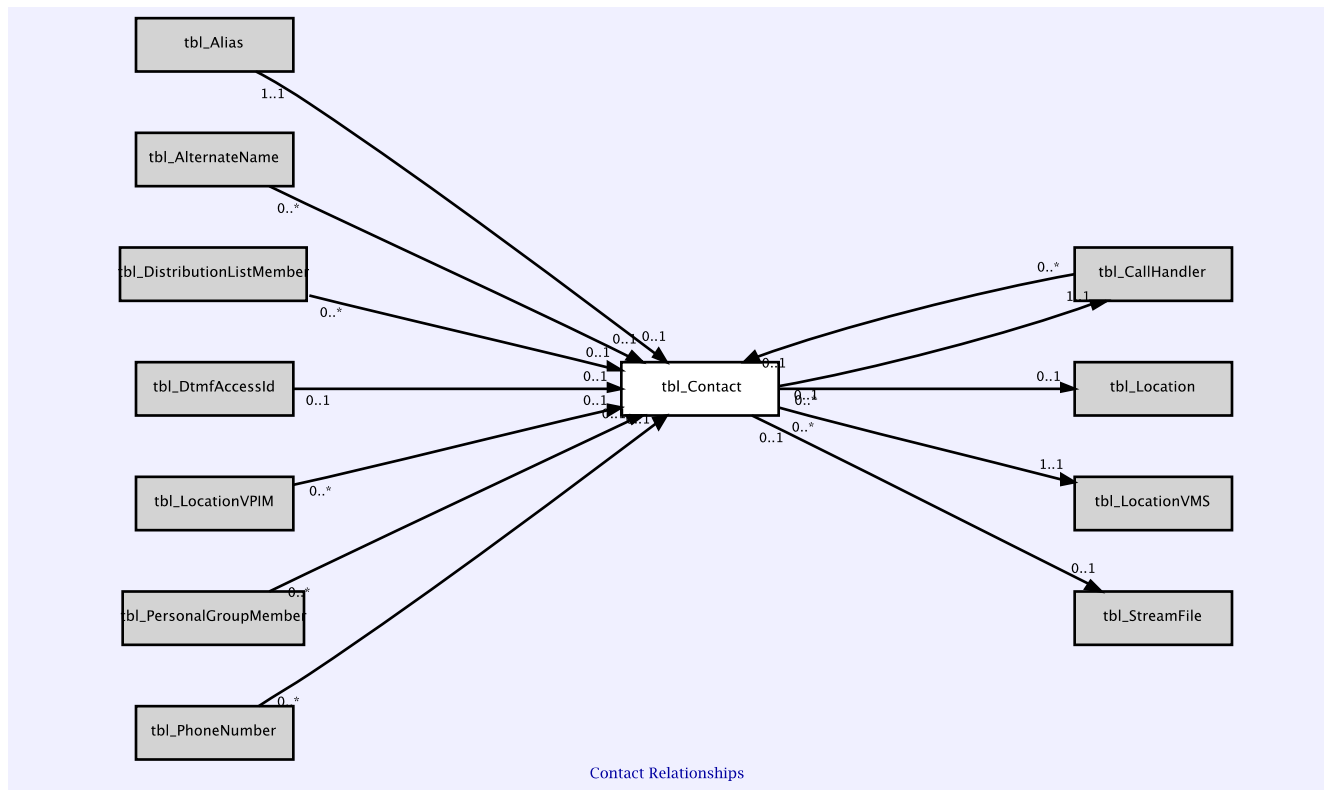
In the Cisco Unity product, there are separate tables for subscriber templates - [SubscriberTemplate](#). This was due to a constraint placed on the database by the DOH component. In Cisco Unity Connection, a [SubscriberTemplate](#) is simply a [UserSubscriber](#) with the **IsTemplate** attribute set to 1 to indicate that it is a template. A user template is similar, except there are a few attributes specific to a user template that are stored in the [UserTemplate](#) table. This greatly reduces the complexity of the database (one less large table, and a few less stored procedures).

Contacts

A **Contact** (**System Contact** in CUCA) is an entity in the Connection database who does NOT have an account or mailbox on the Cisco Unity Connection system. For Unity Connection, a System Contact represents either a person in the corporate directory who is NOT a Connection user, or an addressable entity on another voice messaging system such as a VPIM contact. Contacts are in a separate table from users and users with voice mailboxes for several reasons:

- Although there is some overlap in the information we store about contacts and users, it's limited to just a few columns.
- Contacts don't have the same kind of links to other entities that users do - no COS and no credentials. They typically have a phone number (e.g., work, home, mobile), and may or may not have an extension.
- It keeps the [User](#) table smaller.

The following diagram illustrates the contact entity relationships:



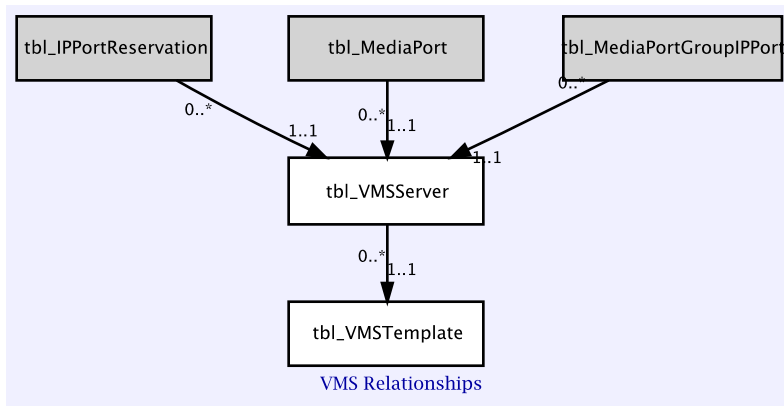
2.22. Virtual Messaging System

VMS

The Virtual Messaging System (VMS) is a collection of components running on one or more servers acting as one virtual voice messaging system. The [VMSServer](#) table contains the information for each server in the VMS. Each row in this table represents one server in the VMS.

It's probably worth noting here that all run-time data is stored in a separate database - the Unity Dynamic (UnityDynDb) database.

This diagram shows the entities that are used to manage the VMS configuration data:



Chapter 3. Tables

3.1. tbl_AccountLogonPolicy

Specifies the logon policy for a particular type of user credentials.

Additional Information

Logons and passwords are stored as encrypted cookies on the client, and this is the policy surrounding that.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	A globally unique identifier (GUID) for a user account logon policy within this table.	ObjectID
	AllowBlankPassword	smallint (2 bytes)	False	Indicates if the type of credentials associated with this user account is allowed to be blank.	Bool
	CredentialType	int (4 bytes)	False	Identifies the type of credentials such as a password or PIN.	Credential-Type
	LogonSessionDuration	int (4 bytes)	False	Specifies the amount of time in minutes for which a session key is active. Web-based clients such as Cisco Unity Connection Administration renews the session key whenever something happens like an update or page move.	
	RememberCredentials-Duration	int (4 bytes)	False		
	RememberPassword-Duration	int (4 bytes)	False	Number of days for which to remember the password.	

Table Keys

PK_tbl_AccountLogonPolicy

Property Name	Value
Description:	Uniquely identifies a user account logon policy in this table and exclusively represents this account logon policy throughout the database.
Type:	Primary
Column(s):	ObjectId

Property Name	Value
Clustered?	True
Constraint Error String:	Duplicate account logon policy. A account logon policy that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_AccountLogonPolicy.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_AccountLogonPolicy.

Table Relationships (Foreign Keys)

tbl_AccountLogonPolicy has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_AccountLogonPolicy:

Name	Object Type	Description
------	-------------	-------------

Table Triggers

No triggers are specified for tbl_AccountLogonPolicy.

Column Properties

AllowBlankPassword

Property Name	Value
Description:	Indicates if the type of credentials associated with this user account is allowed to be blank.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CredentialType

Property Name	Value
Description:	Identifies the type of credentials such as a password or PIN.
Notes:	<p>The default is a PIN. See custom type 'CredentialType' for more information.</p> <p>Values:</p> <ul style="list-style-type: none"> 1: Windows credential. 2: Domino credential. 3: Password (such as would be used with a GUI client). 4: PIN (as would be used over the phone via the TUI).
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CredentialType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LogonSessionDuration

Property Name	Value
Description:	Specifies the amount of time in minutes for which a session key is active. Web-based clients such as Cisco Unity Connection Administration renews the session key whenever something happens like an update or page move.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	411
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	A globally unique identifier (GUID) for a user account logon policy within this table.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RememberCredentialsDuration

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	411
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RememberPasswordDuration

Property Name	Value
Description:	Number of days for which to remember the password.
Notes:	
Business Rules:	
Developer Notes:	Is this still needed?
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	411
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.2. tbl_Agency

Tracks the general information about a Community Voice Mail participating agency.

Additional Information

The Community Voice Mail organization utilizes Cisco Unity Connection to provide voice mail services to persons without access to a permanent phone number. A CVM "agency" is assigned a specific block of phone numbers. The agency distributes individual phone numbers from their assigned block of numbers to individuals who need help. A single Cisco Unity Connection VMS may contain several agencies.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for an Agency object.	ObjectId
FK	AdministratorTemplateObjectId	char (36 characters)	True	The user template used to create new administrators for this agency.	ObjectId
FK	ClientCOSObjectId	char (36 characters)	False	The Class of Service to which clients belonging to this agency are assigned.	ObjectId
FK	ClientTemplateObjectId	char (36 characters)	False	The user template used when creating/resetting client mailboxes belonging to this agency.	ObjectId
	DisplayName	nvarchar (64 characters)	False	Preferred name of the agency to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName

Table Keys

PK_tbl_Agency

Property Name	Value
Description:	Uniquely identifies a agency in this table and exclusively represents this agency throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate agency. A agency with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Agency.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Agency.

Table Relationships (Foreign Keys)

tbl_Agency has the following relationships with other tables:

tbl_Agency.AdministratorTemplateObjectId (0..*) ----- (1..1) tbl_UserTemplate.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Agency_AdministratorTemplateObjectId_tbl_UserTemplate_ObjectId
Description:	Each Agency must be assigned to one UserTemplate for creating agency administrators. Each UserTemplate may be assigned to one or more Agency objects.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Agency and tbl_UserTemplate linked by the foreign key AdministratorTemplateObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a user template to which this Community Voice Mail agency is assigned or to assign this Community Voice Mail agency to a nonexistent user template.

tbl_Agency.ClientCOSObjectId (0..*) ----- (1..1) tbl_Cos.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Agency_ClientCOSObjectId_tbl_Cos_ObjectId
Description:	Each Agency must be assigned one Class Of Service (COS). Each COS may be assigned to one or more Agencies.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Agency and tbl_Cos linked by the foreign key ClientCOSObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to either delete a COS to which this Community Voice Mail agency is assigned or to assign this Community Voice Mail agency to a nonexistent COS.

tbl_Agency.ClientTemplateObjectId (0..*) ----- (1..1) tbl_UserTemplate.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Agency_ClientTemplateObjectId_tbl_UserTemplate_ObjectId
Description:	Each Agency must be assigned one User Template for creating agents. Each User Template may be assigned to one or more Agencies.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Agency and tbl_UserTemplate linked by the foreign key ClientTemplateObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a user template to which this Community Voice Mail agency is assigned or to assign this Community Voice Mail agency to a nonexistent user template.

Additional relationships with tbl_Agency are defined in the following tables:

[tbl_AgencyExtensionRange](#)

[tbl_Policy](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Agency:

Name	Object Type	Description
vw_Agency	View	A simple view for tbl_Agency.
csp_AgencyCreate	Stored Procedure	Creates a new Community Voice Mail agency by inserting a new row into tbl_Agency.
csp_AgencyDelete	Stored Procedure	Deletes an Agency object from tbl_Agency as specified by the @ObjectId parameter.
csp_AgencyModify	Stored Procedure	Updates the attributes of an Agency object based on the values passed in via the parameters. The @ObjectId parameter identifies the Agency object that is updated.

Table Triggers

No triggers are specified for tbl_Agency.

Column Properties

AdministratorTemplateObjectId

Property Name	Value
Description:	The user template used to create new administrators for this agency.
Notes:	This is added to make it easier for a system admin to create new administrators for agencies on the box, but it's not strictly necessary to use it. So long as a subscriber is associated with the Policy noted in the AdministratorPolicyObjectID column, that user is considered an administrator for an agency.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Agency
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientCOSObjectID

Property Name	Value
Description:	The Class of Service to which clients belonging to this agency are assigned.
Notes:	All subscribers assigned to this COS are assumed to be clients of the designated agency. Each COS can only be assigned to a single agency. It is not possible for a single user to be a client of more than one agency at a time.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Agency
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientTemplateObjectID

Property Name	Value
Description:	The user template used when creating/resetting client mailboxes belonging to this agency.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Agency
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	Preferred name of the agency to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	Used to identify the agency in Cisco Unity Connection Administration and reports.
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_Agency
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectID

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an Agency object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_Agency
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.3. tbl_AgencyExtensionRange

A range of extensions assigned to a Community Voice Mail agency. Community Voice Mail agencies are assigned a block or blocks of phone numbers of which they then can assign to an individual client.

Additional Information

A single agency can have multiple ranges of extensions but a given extension/range can only be owned by one agency (i.e. two agencies cannot have the same extensions assigned to them).

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for an AgencyExtensionRange object.	ObjectID
FK	AgencyObjectId	char (36 characters)	False	The agency to which this range of extensions is assigned.	ObjectID
	MaxExtensionNumber	nvarchar (10 characters)	False	The number of the last extension in this range of extensions assigned to an agency.	
	MinExtensionNumber	nvarchar (10 characters)	False	The number of the first extension in this range of extensions assigned to an agency.	

Table Keys

PK_tbl_AgencyExtensionRange

Property Name	Value
Description:	Uniquely identifies a agency extension range in this table and exclusively represents this agency extension range throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate agency extension range. A agency extension range with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_AgencyExtensionRange.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_AgencyExtensionRange.

Table Relationships (Foreign Keys)

tbl_AgencyExtensionRange has the following relationships with other tables:

tbl_AgencyExtensionRange.AgencyObjectId (0..*)-----^(1..1)tbl_Agency.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_AgencyExtensionRange_AgencyObjectId_tbl_Agency_ObjectId
Description:	Each AgencyExtensionRange must be assigned to one Agency. Each Agency may be assigned one or more AgencyExtensionRanges.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_AgencyExtensionRange and tbl_Agency linked by the foreign key AgencyObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent Community Voice Mail agency as the owner of this extension range.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_AgencyExtensionRange:

Name	Object Type	Description
vw_AgencyExtensionRange	View	Simple view for tbl_AgencyExtensionRange.
csp_AgencyExtensionRangeCreate	Stored Procedure	Creates a new range of extensions for a Community Voice Mail agency by inserting a new row into tbl_AgencyExtensionRange.
csp_AgencyExtensionRangeDelete	Stored Procedure	Deletes an AgencyExtensionRange object from tbl_AgencyExtensionRange as specified by the @ObjectId parameter.
csp_AgencyExtensionRangeModify	Stored Procedure	Updates the attributes of an AgencyExtensionRange object based on the values passed in via the parameters. The @ObjectId parameter identifies the AgencyExtensionRange object that is updated.

Table Triggers

No triggers are specified for tbl_AgencyExtensionRange.

Column Properties

AgencyObjectID

Property Name	Value
Description:	The agency to which this range of extensions is assigned.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AgencyExtensionRange
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxExtensionNumber

Property Name	Value
Description:	The number of the last extension in this range of extensions assigned to an agency.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AgencyExtensionRange
Primary Key:	False
Allow Null:	False
Default Value:	411
Custom Type:	
SQL Data Type/Length:	nvarchar (10 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits 0-9 only.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	10 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MinExtensionNumber

Property Name	Value
Description:	The number of the first extension in this range of extensions assigned to an agency.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AgencyExtensionRange
Primary Key:	False
Allow Null:	False
Default Value:	411
Custom Type:	
SQL Data Type/Length:	nvarchar (10 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits 0-9 only.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	10 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an AgencyExtensionRange object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_AgencyExtensionRange
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.4. tbl_Alias

A unique text name for addressable objects: Users, Contacts, DistributionLists, PersonalGroups.

Additional Information

Can also be used for adding "proxy" addresses by adding additional non-primary Aliases for an object.

This gives us a way to ensure that all Aliases are unique within a location.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for an Alias object.	ObjectID
	Alias	nvarchar (64 characters)	False	The unique text name for either a user, distribution list, or personal group.	Alias
	IsPrimary	smallint (2 bytes)	False	A flag indicating whether this is a primary alias. Typically used for a user.	Bool
FK	LocationObjectId	char (36 characters)	False	The unique identifier of the LocationVMS object to which this alias belongs.	ObjectID
FK	Object_ContactObjectId	char (36 characters)	True	The object to which this alias pertains. If the alias is for a Contact, the unique identifier of the Contact object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
FK	Object_DistributionListObjectId	char (36 characters)	True	The object to which this alias pertains. If the alias is for a distribution list, the unique identifier of the DistributionList object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
FK	Object_PersonalGroupObjectId	char (36 characters)	True	The object to which this alias pertains. If the alias is for a personal group, the unique identifier of the PersonalGroup object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
FK	Object_UserObjectId	char (36 characters)	True	The object to which this alias pertains. If the alias is for a user, the unique identifier of the User object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
	SmtpAddress	nvarchar (320 characters)	False	The full SMTP address for this object.	SmtpAddress

Table Keys

CK_tbl_Alias_Alias_LocationObjectId

Property Name	Value
Description:	Uniquely identifies an alias+location in this table. Alias must be unique within a location.
Type:	Candidate
Column(s):	Alias , LocationObjectId
Clustered?	True
Constraint Error String:	The alias has already been assigned to another object.

CK_tbl_Alias_SmtpAddress

Property Name	Value
Description:	Uniquely identifies the SMTP address for each Alias in tbl_Alias.
Type:	Candidate
Column(s):	SmtpAddress
Clustered?	False
Constraint Error String:	Duplicate SMTP address.

PK_tbl_Alias

Property Name	Value
Description:	Uniquely identifies an alias in this table and exclusively represents this alternate name throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate alias. A alias with that unique identifier already exists.

Table Indexes

Name	Description	Unique	Clustered	Sort Direction	Columns
IX_tbl_Alias_Alias	Alias objects ordered by alias attribute.	False	False	Ascending	Alias
IX_tbl_Alias_ContactObjectId	Alias objects pertaining to contacts.	False	False	Ascending	Alias , IsPrimary , Object_ContactObjectId
IX_tbl_Alias_DlistObjectId	Alias objects pertaining to distribution lists.	False	False	Ascending	Alias , IsPrimary , Object_DistributionListObjectId

Name	Description	Unique	Clustered	Sort Direction	Columns
IX_tbl_Alias_PersonalGroupObjectId	Alias objects pertaining to personal groups.	False	False	Ascending	Alias , IsPrimary , Object_PersonalGroupObjectId
IX_tbl_Alias_UserObjectId	Alias objects pertaining to users.	False	False	Ascending	Alias , IsPrimary , Object_UserObjectId

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Alias.

Table Relationships (Foreign Keys)

tbl_Alias has the following relationships with other tables:

tbl_Alias.LocationObjectId _(0..*) -----^(1..1) tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Alias_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each Alias must belong to one LocationVMS. Each LocationVMS may be the owner of one or more aliases of objects such as for a user, distribution list, or personal group.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Alias and tbl_LocationVMS linked by the foreign key LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the location to which this alias belongs or to designate a nonexistent location as the owner of this alias.

tbl_Alias.Object_ContactObjectId _(1..1) -----^(0..1) tbl_Contact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Alias_Object_ContactObjectId_tbl_Contact_ObjectId
Description:	Each alias may belong to one Contact. Each Contact must have one alias.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Alias and tbl_Contact linked by the foreign key Object_ContactObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.

Property Name	Value
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When a Contact is deleted, the FK Cascade Delete constraint will ensure that the corresponding alias is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	A attempt was made to assign this alias to a nonexistent contact.

tbl_Alias.Object_DistributionListObjectId (1..1)----- (0..1) tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Alias_Object_DistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Each alias may belong to one distribution list. Each distribution list must have one alias.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Alias and tbl_DistributionList linked by the foreign key Object_DistributionListObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When a distribution list is deleted, the FK Cascade Delete constraint will ensure that the corresponding alias is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this alias to a nonexistent distribution list.

tbl_Alias.Object_PersonalGroupObjectId (1..1)----- (0..1) tbl_PersonalGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Alias_Object_PersonalGroupObjectId_tbl_PersonalGroup_ObjectId
Description:	Each alias may belong to one personal group. Each personal group must have one alias.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Alias and tbl_PersonalGroup linked by the foreign key Object_PersonalGroupObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When a personal group is deleted, the FK Cascade Delete constraint will ensure that the corresponding alias is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this alias to a nonexistent caller group or private list.

tbl_Alias.Object_UserObjectId (1..1)----- (0..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Alias_Object_UserObjectId_tbl_User_ObjectId
Description:	Each alias may belong to one user. Each user must have one alias.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Alias and tbl_User linked by the foreign key Object_UserObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When a user is deleted, the FK Cascade Delete constraint will ensure that the corresponding alias is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this alias to a nonexistent user.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Alias:

Name	Object Type	Description
vw_Alias	View	A simple view for tbl_Alias.
vw_Contact	View	A system contact along with its associated alias, dtmfaccessid, and streamfile attributes.
vw_Credential	View	A credential (password or PIN) used for authenticating users to enable access to the system via the phone or a GUI client such as the Cisco Unity Connection Administration or Cisco Personal Assistant (CPCA).
vw_DistributionList	View	A group of recipients created to send a message to all members of the group. When a message is sent to a distribution list, all members of the list receive a copy of the message. Formerly referred to as "Public" distribution lists.
vw_DistributionList_List	View	The basic attributes of a distribution list used for retrieving a list of distribution lists.
vw_DistributionListMember	View	A simple view for tbl_DistributionListMember.
vw_DistributionListMemberTemplate	View	A distribution list member template.
vw_NotificationAllActiveDevices	View	This view shows all active devices for users on the system. If a user does not have a single active device then a row will be present for this user with deviceobjectid and mwioobjectid both set to null.
vw_PersonalGroup	View	A view of tbl_PersonalGroup.
vw_PersonalGroupMemberDetail	View	A view for tbl_PersonalGroupMember and associated Alias.
vw_PersonalVoiceMailList	View	A view of tbl_PersonalGroup that is flagged as a personal voice mail list. In the UI this is referred to as a "Private List." Similar to Private Distribution Lists in Unity 4.0(x), this type of group contains only addressable entities such as other Unity Connection subscribers or contacts.

Name	Object Type	Description
vw_SmtpAddress	View	A simple view for tbl_Alias. Provides a list of addressable SMTP addresses including distribution lists, users, and proxy addresses in this VMS.
vw_Subscriber	View	The subscriber view contains all users that have a voice mail subscription. It includes the user information and the associated voice mail information.
vw_Subscriber_List	View	A narrow view of a user with voice mail. This view provides a list of all users who have a voice mail box, which is used by CUSA to provide list of users with voice mail in drop-down lists. It contains only the ObjectId and DisplayName for each user with voice mail.
vw_Subscriber_MediaSwitchAssocCounts	View	For each subscriber the number of devices owned by the subscriber on each phone system, where the subscriber's extension (primary call handler) is treated as a "device."
vw_Subscriber_MediaSwitchAssocCounts_NonEmpty	View	For each subscriber that has either a call handler, notificationMWI or notification device - the number of devices owned by the subscriber on each phone system, where the subscriber's extension (primary call handler) is treated as a "device".
vw_SubscriberContact	View	A narrow view of a subscriber and system contact that consists of only those attributes necessary for message addressing.
vw_SubscriberPolicy	View	Internal use only.
vw_SubscriberTemplate	View	Provides default values for new voice mail user (subscriber) properties when creating a new voice mail user.
vw_User	View	Contains the account data and contact information of persons who have an account on the system and who can logon to the system. A person must have a user account on the system in order to logon and gain access system services such as a subscription to a voice mailbox.
vw_UserNonSubscriber	View	Same as vw_User, but excludes users with voice mail subscriptions
vw_UserTemplate	View	Provides the default values for user properties when creating new users. User properties include the account data and contact information of persons who have an account on the system. A person must have a user account on the system in order to logon and gain access system services such as a subscription to a voice mailbox.
csp_AliasCreate	Stored Procedure	Creates a new Alias object for a user, Contact, distribution list, or personal group by inserting a new row into tbl_Alias.
csp_AliasDelete	Stored Procedure	Deletes an Alias object from tbl_Alias as specified by the @Alias and @LocationObjectId parameters.
csp_AliasModify	Stored Procedure	Updates the attributes of a Alias object for a user, Contact, distribution list, or personal group based on the values passed in via the parameters. The @Alias and @LocationObjectId parameters identify the Alias object that is updated.

Name	Object Type	Description
csp_ContactCreate	Stored Procedure	Creates a contact representing a user in a remote mail system by inserting a new row into tbl_Contact. In addition to creating a new Contact object, this procedure also creates several Contact related objects: * A DtmfAccessId object by inserting a new row into tbl_DtmfAccessId. * An Alias object is created in the tbl_Alias table by calling csp_AliasCreate. * If the parameter @VoiceName contains a value other than NULL, a StreamFile object is created with the value of tbl_StreamFile.FileName = @VoiceName. If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.
csp_ContactModify	Stored Procedure	Updates the attributes of a Contact object based on the values passed in via the parameters. The @ObjectId parameter identifies the Contact object that is updated.
csp_DistributionListCreate	Stored Procedure	Creates a new DistributionList object by inserting a new row into tbl_DistributionList. It also creates a new Alias object in tbl_Alias by executing csp_AliasCreate. Two other objects may also be created: * If a DtmfAccessID is passed in, a new DtmfAccessId object is created by executing csp_DtmfAccessIdCreate. * If a VoiceName is passed in, a new StreamFile object is created by executing csp_StreamFileModify.
csp_DistributionListModify	Stored Procedure	Updates the attributes of a DistributionList object based on the values passed in via the parameters. The @ObjectId parameter identifies the DistributionList object that will be updated. This procedure will also update the DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.
csp_SubscriberCreate	Stored Procedure	Creates a new voice mail user (subscriber).
csp_SubscriberModify	Stored Procedure	Updates the attributes of a voice mail user (subscriber) based on the values passed in.
csp_SubscriberTemplateCreate	Stored Procedure	Creates a new Subscriber template, either from scratch or based on an existing template or user, by inserting a new row into tbl_UserSubscriber and tbl_User.
csp_SubscriberTemplateModify	Stored Procedure	Updates the attributes of a Subscriber template based on the values passed in via the parameters. The @ObjectId identifies the Subscriber object in tbl_UserSubscriber that is updated.
csp_UserCreate	Stored Procedure	Creates a new User account from a user template by inserting a new row into tbl_User.
csp_UserModify	Stored Procedure	Updates the attributes of a User account based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User that is updated.
csp_UserTemplateCreate	Stored Procedure	Creates a new User template by inserting a new row into tbl_User and tbl_UserTemplate.
csp_UserTemplateModify	Stored Procedure	Updates the attributes of a User template based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User and tbl_UserTemplate that is updated.

Table Triggers

No triggers are specified for tbl_Alias.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Occurrences In Views:	vw_Credential , vw_User , vw_DistributionList , vw_DistributionListMember , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_PersonalGroup , vw_UserNonSubscriber , vw_SmtpAddress , vw_PersonalVoiceMailList , vw_Contact , vw_Alias , vw_SubscriberContact , vw_Subscriber_List , vw_Subscriber_MediaSwitchAssocCounts , vw_Subscriber_MediaSwitchAssocCounts_NonEmpty , vw_SubscriberPolicy , vw_DistributionListMemberTemplate , vw_DistributionList_List , vw_NotificationAllActiveDevices , vw_PersonalGroupMemberDetail
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a primary alias. Typically used for a user.
Notes:	Values: 0: Not primary alias 1: Is primary alias
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_SmtpAddress , vw_Alias
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this alias belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpAddress , vw_Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_ContactObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a Contact, the unique identifier of the Contact object to which this alias refers. Otherwise, this attribute is set to NULL.

Property Name	Value
Notes:	Only one Object_*ObjectId column should contain a non-null value. All other Object_*ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	
Occurrences In Views:	vw_SmtpAddress , vw_Alias
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_DistributionListObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a distribution list, the unique identifier of the DistributionList object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	Only one Object_*ObjectId column should contain a non-null value. All other Object_*ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	
Occurrences In Views:	vw_SmtpAddress , vw_Alias
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_PersonalGroupObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a personal group, the unique identifier of the PersonalGroup object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	Only one Object_ *ObjectId column should contain a non-null value. All other Object_ *ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	Personal groups get generated Alias values.
Occurrences In Views:	vw_SmtpAddress , vw_Alias
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_UserObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a user, the unique identifier of the User object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	Only one Object_ *ObjectId column should contain a non-null value. All other Object_ *ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	
Occurrences In Views:	vw_SmtpAddress , vw_Alias
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an Alias object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Alias
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtAddress

Property Name	Value
Description:	The full SMTP address for this object.
Notes:	<p>For performance, we store the SMTP address which for users, contacts, and DLs is a combination of Alias (or MailName if Alias is non-ASCII such as in the case where Alias is in Japanese) and the Location.SmtDomain associated to which this Alias object belongs.</p> <p>The SmtAddress for a PersonalGroup is formed differently: <UserAlias> + '_' + 'List' + '_' + <NumericId>+ '@'+ <Domain>. For example, if JSmith creates a PersonalGroup with NumericId of 1, the SmtAddress would be: JSmith_List_1@cisco.com</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber , vw_SmtAddress , vw_Alias

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	SmtpAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	<code>^([w\~!#\$%&'*/=?^`{\} \~]+([\.]?[w\~!#\$%&'*/=?^`{\} \~]+)*)+@((([a-zA-Z]([a-zA-Z\d]*[a-zA-Z\d]?)+([a-zA-Z\d])+)\$</code>
Validation - Description:	<p>SMTP Address= Local-Part '@' Domain Name where Local-Part (Max size : 64)</p> <ul style="list-style-type: none"> * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character '.' is allowed but it cannot be the first or last character in the local-part. Also there cannot be consecutive periods. For example: a.b@c is invalid. <p><domain> ::= <subdomain> " " <subdomain> ::= <label> <subdomain> "." <label> <label> ::= <letter> [[<ldh-str>] <let-dig>] <ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str> <let-dig-hyp> ::= <let-dig> "-" label must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.</p>
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.5. tbl_AlternateName

An alternate name for a User, Contact, Location, Distribution List, Personal Group or Personal Contact, which is used by the Voice User Interface (VUI) for alternate pronunciations.

Additional Information

An alternate name is owned by either a Contact, User, Location, Distribution List, Personal Group or Personal Contact.

Table Business Rules

An AlternateName must belong to either a system Contact, Personal Group, PersonalContact, Location, Distribution List or User, but not more than one. Either ContactObjectId, PersonalGroupObjectId, PersonalContactObjectId, LocationObjectId, DistributionListObjectId or UserObjectId must contain non-NULL while the others must contain NULL.

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for an AlternateName object.	ObjectID
FK	ContactObjectId	char (36 characters)	True	The unique identifier of the Contact to which this alternate name belongs.	ObjectID
FK	DistributionListObjectId	char (36 characters)	True	The unique identifier of the Distribution List to which this alternate name belongs.	ObjectID
	FirstName	nvarchar (64 characters)	True	The first name (i.e., givenName) of this person. Not their surname nor middle name.	
	LastName	nvarchar (64 characters)	True	The last name (i.e., surname or family name) of this person, by which a person is commonly known.	
FK	LocationObjectId	char (36 characters)	True	The unique identifier of the Location to which this alternate name belongs.	ObjectID
FK	PersonalContactObjectId	char (36 characters)	True	The unique identifier of the Personal Contact to which this alternate name belongs.	ObjectID
FK	PersonalGroupObjectId	char (36 characters)	True	The unique identifier of the Personal Group to which this alternate name belongs.	ObjectID
FK	UserObjectId	char (36 characters)	True	The unique identifier of the User to which this alternate name belongs.	ObjectID

Table Keys

PK_tbl_AlternateName

Property Name	Value
Description:	Uniquely identifies an alternate name in this table and exclusively represents this alternate name throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate alternate name. A alternate name with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_AlternateName.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_AlternateName.

Table Relationships (Foreign Keys)

tbl_AlternateName has the following relationships with other tables:

tbl_AlternateName.ContactObjectId (0..*)----- (0..1) tbl_Contact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_AlternateName_ContactObjectId_tbl_Contact_ObjectId
Description:	Each alternate name may belong to one contact. Each contact may have one or more alternate names.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_AlternateName and tbl_Contact linked by the foreign key ContactObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the contact is deleted, the FK Cascade Delete constraint will ensure that the corresponding alternate name(s) are also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent contact as the owner of this alternate name.

tbl_AlternateName.DistributionListObjectId (0..*)----- (0..1) tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_AlternateName_DistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Each alternate name may belong to one distribution list. Each distribution list may have one or more alternate names.
Foreign Key:	True

Property Name	Value
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_AlternateName and tbl_DistributionList linked by the foreign key DistributionListObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the distribution list is deleted, the FK Cascade Delete constraint will ensure that the corresponding alternate name(s) are also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent distribution list as the owner of this alternate name.

tbl_AlternateName.LocationObjectId (0..*) ----- (0..1) tbl_Location.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_AlternateName_LocationObjectId_tbl_Location_ObjectId
Description:	Each alternate name may belong to one location. Each location may have one or more alternate names.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_AlternateName and tbl_Location linked by the foreign key LocationObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the location is deleted, the FK Cascade Delete constraint will ensure that the corresponding alternate name(s) are also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent location as the owner of this alternate name.

tbl_AlternateName.PersonalContactObjectId (0..*) ----- (0..1) tbl_PersonalContact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_AlternateName_PersonalContactObjectId_tbl_PersonalContact_ObjectId
Description:	Each alternate name may belong to one personal contact. Each personal contact may have one or more alternate names.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_AlternateName and tbl_PersonalContact linked by the foreign key PersonalContactObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	Enabling cascade delete will cause a SQL multiple cascade paths error.
Constraint Error String:	An attempt was made to either delete the personal contact whom is the owner of this alternate name or to designate a nonexistent personal contact as the owner of this alternate name.

tbl_AlternateName.PersonalGroupId (0..*) ----- (0..1) tbl_PersonalGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_AlternateName_PersonalGroupId_tbl_PersonalGroup_ObjectId
Description:	Each alternate name may belong to one personal group. Each distribution list may have one or more alternate names.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_AlternateName and tbl_PersonalGroup linked by the foreign key PersonalGroupId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the personal group is deleted, the FK Cascade Delete constraint will ensure that the corresponding alternate name(s) are also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent private list or caller group as the owner of this alternate name.

tbl_AlternateName.UserObjectId (0..*) ----- (0..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_AlternateName_UserObjectId_tbl_User_ObjectId
Description:	Each alternate name may belong to one user. Each user may have one or more alternate names.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_AlternateName and tbl_User linked by the foreign key UserObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the user is deleted, the FK Cascade Delete constraint will ensure that the corresponding alternate name(s) are also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent user as the owner of this alternate name.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_AlternateName:

Name	Object Type	Description
vw_AlternateName	View	A simple view for tbl_AlternateName.
csp_AlternateNameCreate	Stored Procedure	Creates a new AlternateName for either a Contact or User by inserting a new row into tbl_AlternateName.
csp_AlternateNameDelete	Stored Procedure	Deletes an AlternateName object from tbl_AlternateName as specified by the @ObjectId parameter.
csp_AlternateNameModify	Stored Procedure	Updates the FirstName and LastName attributes of an AlternateName object based on the values passed in via the parameters. The @ObjectId parameter identifies the AlternateName object that is updated.

Table Triggers

No triggers are specified for tbl_AlternateName.

Column Properties

ContactObjectId

Property Name	Value
Description:	The unique identifier of the Contact to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AlternateName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the Distribution List to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AlternateName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this person. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AlternateName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this person, by which a person is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AlternateName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectID

Property Name	Value
Description:	The unique identifier of the Location to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AlternateName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an AlternateName object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AlternateName
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the Personal Contact to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AlternateName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalGroupObjectId

Property Name	Value
Description:	The unique identifier of the Personal Group to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AlternateName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_AlternateName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.6. tbl_BroadcastMessage

A special type of message that is created for all Unity subscribers on a VMS. The message has special characteristics, e.g. should show up first in the queue when subscriber logs in, cannot be skipped, etc.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.	ObjectID
	CreationDate	datetime (8 bytes)	False	The date and time when the message was created.	
	EndDate	datetime (8 bytes)	True	The date and time when the message expires.	
	LastModificationDate	datetime (8 bytes)	True	The date and time the message was last modified.	
FK	LastModificationSubscriberObjectId	char (36 characters)	True	The unique identifier of the subscriber that last modified the message.	ObjectID
	StartDate	datetime (8 bytes)	True	The date and time when the message becomes active.	
FK	StreamFileObjectId	char (36 characters)	False	The unique identifier of the StreamFile object containing the name of the WAV file that is the broadcast message.	ObjectID
FK	SubscriberObjectId	char (36 characters)	False	The unique identifier of the Subscriber object that sent this broadcast message.	ObjectID

Table Keys

PK_tbl_BroadcastMessage

Property Name	Value
Description:	Uniquely identifies a broadcast message in this table and exclusively represents this broadcast message throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate broadcast message. A broadcast message with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_BroadcastMessage.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_BroadcastMessage.

Table Relationships (Foreign Keys)

tbl_BroadcastMessage has the following relationships with other tables:

tbl_BroadcastMessage.LastModificationSubscriberObjectId (0..*) ----- (0..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_BroadcastMessage_LastModificationSubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each broadcast message may be modified by one subscriber. Each subscriber may modify one or more broadcast messages.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_BroadcastMessage and tbl_UserSubscriber linked by the foreign key LastModificationSubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the user who is defined as someone who last modified the broadcast message or to designate a nonexistent user as someone who last modified this broadcast message.

tbl_BroadcastMessage.SubscriberObjectId (0..*) ----- (1..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_BroadcastMessage_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each broadcast message must be sent by one subscriber. Each subscriber may send one or more broadcast messages.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_BroadcastMessage and tbl_UserSubscriber linked by the foreign key SubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	Cascade deletes aren't used to delete a subscriber's broadcast messages because stream files need to be delete via stored procs.
Constraint Error String:	An attempt was made to either delete the user to which this broadcast message belongs or to designate a nonexistent user as the sender of this broadcast message.

tbl_BroadcastMessage.StreamFileObjectId (0..*) -----(1..1) tbl_StreamFile.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_BroadcastMessage_StreamFileObjectId_tbl_StreamFile_ObjectId
Description:	Each broadcast message must designate one stream file that contains the name of the audio file. Each stream file may contain the names of the audio files for one or more broadcast messages.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_BroadcastMessage and tbl_StreamFile linked by the foreign key StreamFileObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the stream file that has the name of the audio file containing the audio recording comprising this broadcast message or to assign this broadcast message to a nonexistent stream file.

Additional relationships with tbl_BroadcastMessage are defined in the following tables:

[tbl_BroadcastMessageRecipient](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_BroadcastMessage:

Name	Object Type	Description
vw_BroadcastMessage	View	A simple view for tbl_BroadcastMessage.
csp_BroadcastMessageCreate	Stored Procedure	Creates a new BroadcastMessage object by inserting a new row into tbl_BroadcastMessage. Broadcast messages are a special type of message that is created for all Cisco Unity Connection subscribers on a VMS.
csp_BroadcastMessageDelete	Stored Procedure	Deletes a BroadcastMessage object from tbl_BroadcastMessage as specified by the @ObjectId parameter. The StreamFile is also deleted by executing csp_StreamFileDelete.

Name	Object Type	Description
csp_BroadcastMessageModify	Stored Procedure	Updates the attributes of a BroadcastMessage object based on the values passed in via the parameters. The @ObjectId parameter identifies the BroadcastMessage object that is updated. The associated StreamFile is also updated.
csp_BroadcastMessageSetRead	Stored Procedure	Marks a broadcast message as read (or unread) for a subscriber.

Table Triggers

No triggers are specified for tbl_BroadcastMessage.

Column Properties

CreationDate

Property Name	Value
Description:	The date and time when the message was created.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessage
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EndDate

Property Name	Value
Description:	The date and time when the message expires.
Notes:	NULL indicates that the message never expires.
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessage
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModificationDate

Property Name	Value
Description:	The date and time the message was last modified.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessage
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModificationSubscriberObjectId

Property Name	Value
Description:	The unique identifier of the subscriber that last modified the message.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessage
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Objectid

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessage
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StartDate

Property Name	Value
Description:	The date and time when the message becomes active.
Notes:	NULL indicates that the message becomes active immediately after it is created.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessage
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object containing the name of the WAV file that is the broadcast message.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessage
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectID

Property Name	Value
Description:	The unique identifier of the Subscriber object that sent this broadcast message.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessage
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.7. tbl_BroadcastMessageRecipient

For each recipient of a broadcast message, tracks which subscribers have listened to which broadcast messages.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	BroadcastMessageObjectId	char (36 characters)	False	The unique identifier of the broadcast message.	ObjectID
PK, FK	SubscriberObjectId	char (36 characters)	False	The unique identifier of the recipient subscriber.	ObjectID
	Status	smallint (2 bytes)	False	A flag indicating whether the recipient has listened to the message.	Bool

Table Keys

PK_tbl_BroadcastMessageRecipient

Property Name	Value
Description:	Uniquely identifies the combination of a broadcast message and a recipient in this table and exclusively represents this combination throughout the database.
Type:	Primary
Column(s):	BroadcastMessageObjectId , SubscriberObjectId
Clustered?	True
Constraint Error String:	Duplicate broadcast message recipient. A broadcast message recipient with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_BroadcastMessageRecipient.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_BroadcastMessageRecipient.

Table Relationships (Foreign Keys)

tbl_BroadcastMessageRecipient has the following relationships with other tables:

tbl_BroadcastMessageRecipient.BroadcastMessageObjectId (0..*) ----- (1..1) tbl_BroadcastMessage.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_BroadcastMessageRecipient_BroadcastMessageObjectId_tbl_BroadcastMessage_ObjectId
Description:	Each broadcast message recipient must be designated the recipient of one broadcast message. Each broadcast message may have one or more broadcast message recipients.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_BroadcastMessageRecipient and tbl_BroadcastMessage linked by the foreign key BroadcastMessageObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this broadcast message recipient to a nonexistent broadcast message.

tbl_BroadcastMessageRecipient.SubscriberObjectId (0..*) ----- (1..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_BroadcastMessageRecipient_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each broadcast message recipient must be one subscriber. Each subscriber may be the recipient of one or more broadcast messages.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_BroadcastMessageRecipient and tbl_UserSubscriber linked by the foreign key SubscriberObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the subscriber is deleted, the FK Cascade Delete constraint will ensure that the corresponding broadcast message recipient is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent user as the recipient of a broadcast message.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_BroadcastMessageRecipient:

Name	Object Type	Description
vw_BroadcastMessageRecipient	View	A simple view for tbl_BroadcastMessageRecipient.
csp_BroadcastMessageRecipientCreate	Stored Procedure	Creates a new BroadcastMessageRecipient object by inserting a new row into tbl_BroadcastMessageRecipient. For each recipient of a broadcast message, tracks which subscribers have listened to which broadcast messages.
csp_BroadcastMessageRecipientDelete	Stored Procedure	Deletes a BroadcastMessageRecipient object from tbl_BroadcastMessageRecipient as specified by the combination of the @BroadcastMessageObjectId and @SubscriberObjectId parameters.
csp_BroadcastMessageRecipientModify	Stored Procedure	Updates the attributes of a BroadcastMessageRecipient object based on the values passed in via the parameters. The combination of the @BroadcastMessageObjectId and @SubscriberObjectId parameters identify the BroadcastMessageRecipient object that is updated.

Table Triggers

No triggers are specified for tbl_BroadcastMessageRecipient.

Column Properties

BroadcastMessageObjectId

Property Name	Value
Description:	The unique identifier of the broadcast message.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessageRecipient
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Status

Property Name	Value
Description:	A flag indicating whether the recipient has listened to the message.
Notes:	Values: 0: Recipient has not listened to this broadcast message 1: Recipient has listened to this broadcast message
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessageRecipient
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the recipient subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_BroadcastMessageRecipient
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

3.8. tbl_CallAction

An action such as "take a message" or "goto" that a handler will perform for different conditions.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a CallAction object.	ObjectID
	Action	smallint (2 bytes)	False	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
FK	TargetConversation	nvarchar (64 characters)	True	The name of the conversation to which the caller is routed.	ConversationName
FK	TargetHandlerObjectId	char (36 characters)	True	The unique identifier of the specific object to send along to the target conversation.	ObjectID

Table Keys

PK_tbl_CallAction

Property Name	Value
Description:	Uniquely identifies a call action in this table and exclusively represents this call action throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate call action. A call action with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_CallAction.

Table Ad-Hoc Constraints

Action_GotoRequiresTargetConversation

Property Name	Value
Description:	Action "Goto" requires a valid target conversation.
Notes:	
Developer Notes:	
Business Rules:	If Action = Goto (2), TargetConversation must contain non-null value.
Constraint Error String:	A valid conversation must be specified based on the call action setting.

Table Relationships (Foreign Keys)

tbl_CallAction has the following relationships with other tables:

tbl_CallAction.TargetConversation_(0..*)-----^(0..1)tbl_Conversation.ConversationName

Property Name	Value
Relationship Name:	FK_tbl_CallAction_TargetConversation_tbl_Conversation_ConversationName
Description:	Each call action may target one conversation. Each conversation may be the target of one or more call actions.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CallAction and tbl_Conversation linked by the foreign key TargetConversation.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a conversation to which this call action is assigned or to assign this call action to a nonexistent conversation.

tbl_CallAction.TargetHandlerObjectId_(0..*)-----^(0..1)tbl_Handler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_CallAction_TargetHandlerObjectId_tbl_Handler_ObjectId
Description:	Each call action may target one handler. Each handler may be the target of one or more call actions.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CallAction and tbl_Handler linked by the foreign key TargetHandlerObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to either delete a call handler, directory handler, or interview handler to which this call action is assigned to this call action; or to assign this call action to a nonexistent call handler, directory handler, or interview handler.

Additional relationships with tbl_CallAction are defined in the following tables:

[tbl_CallHandler](#)

[tbl_InterviewHandler](#)

[tbl_MenuEntry](#)

[tbl_Greeting](#)

[tbl_DirectoryHandler](#)

[tbl_DirectoryHandler](#)

[tbl_DirectoryHandler](#)

[tbl_DirectoryHandler](#)

[tbl_RoutingRule](#)

[tbl_UserSubscriber](#)

[tbl_PersonalRule](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_CallAction:

Name	Object Type	Description
vw_CallAction	View	A simple view for tbl_CallAction.
vw_Callhandler	View	An all-purpose call transfer, greeting, message taking, and routing object. A call handler answers calls, greet callers with recorded prompts and provide them with information and options, route calls, and take messages.
vw_CallhandlerNonPrimary	View	An application call handler. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 0, which indicates this call handler is not a primary call handler for a subscriber.
vw_CallhandlerPrimary	View	A primary call handler for a subscriber. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 1, which indicates this is the primary call handler for a subscriber.
vw_CallhandlerPrimaryTemplate	View	A call handler template that is part of a subscriber template.

Name	Object Type	Description
vw_CallhandlerTemplate	View	A template for a call handler object. This view contains all the same columns as a call handler object. The value of the "IsTemplate" column must be 1, which indicates this row of a call handler object is a template.
vw_DirectoryHandler	View	A call routing object that enables outside callers to search for subscribers by spelling their name in the case where they don't know the user's extension number. When a caller searches on a subscriber name or part of a name, a directory handler looks up the extension and routes the call to the appropriate subscriber. Formerly called "NameLookupHandler."
vw_Greeting	View	A rule that for each call handler, defines which greetings are enabled, the greeting source, and the actions that Cisco Unity Connection takes during and after each greeting. Formerly referred to as "Messaging Rules."
vw_GreetingDisplay	View	A rule that for each call handler, defines which greetings are enabled, the greeting source, and the actions that Cisco Unity Connection takes during and after each greeting. Formerly referred to as "Messaging Rules."
vw_InterviewHandler	View	A type of Handler object that collects information from callers by playing a series of questions that have been recorded, and then recording the answers offered by callers.
vw_MenuEntry	View	A simple view for tbl_MenuEntry.
vw_RoutingRule	View	Contains a series of rules that let Cisco Unity Connection determine how to route incoming calls (e.g., to the operator, a specific subscriber, call handler, directory handler, or interview handler) based on the information that Cisco Unity Connection may have about a call, such as the calling phone number (ANI or caller ID), the trunk or port on which the call comes in, the dialed phone number (DNIS), the forwarding station, and the schedule.
vw_Subscriber	View	The subscriber view contains all users that have a voice mail subscription. It includes the user information and the associated voice mail information.
vw_SubscriberTemplate	View	Provides default values for new voice mail user (subscriber) properties when creating a new voice mail user.
csp_CallhandlerModify	Stored Procedure	Updates the attributes of a CallHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.
csp_CallhandlerPrimaryTemplateModify	Stored Procedure	<p>Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.</p> <p>Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.</p>

Name	Object Type	Description
csp_CallhandlerTemplateCreate	Stored Procedure	<p>Creates a new call handler template by inserting a new row into tbl_CallHandler. A call handler template is identical to a call handler except for one distinction --- IsTemplate column = true (1) signifies that a call handler object is a template. This procedure is used to create both primary and non-primary call handlers. csp_CallhandlerTemplateCreate sets the callhandler template attributes by using the values passed in and the default values from the specified callhandler template (optional). Note that a call handler template is optional to create a call handler template.</p> <p>In addition to creating a new handler and callhandler object, this stored procedure also creates the sub collections of call action, greeting, transferoption and menuentry objects associated with this callhandler template. If a VoiceName is passed in, a new voice name for the call handler template is created (executes csp_StreamFileModify) by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.</p> <p>To change the attributes for a call handler template, see csp_CallhandlerTemplateModify.</p>
csp_CallhandlerTemplateModify	Stored Procedure	<p>Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.</p> <p>Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.</p>
csp_DirectoryHandlerCreate	Stored Procedure	<p>Creates a new DirectoryHandler object by inserting a new row into tbl_DirectoryHandler. This procedure also creates several other objects:</p> <ul style="list-style-type: none"> * The call actions for Exit, No Input, No Selection and Zero conditions by inserting a new row into tbl_CallAction for each condition. * A new handler by inserting a new row into tbl_Handler * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.
csp_DirectoryHandlerModify	Stored Procedure	<p>Updates the attributes of a DirectoryHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the DirectoryHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in.</p>
csp_GreetingCreate	Stored Procedure	<p>Creates a new Greeting object for a call handler by inserting a new row into tbl_Greeting.</p>
csp_GreetingModify	Stored Procedure	<p>Modifies one of the six standard greetings for a call handler. The attributes of a Greeting object are updated based on the values passed in via the parameters. The @GreetingType and @CallHandlerObjectId parameter identify the Greeting object that is updated.</p>

Name	Object Type	Description
csp_InterviewHandlerCreate	Stored Procedure	Creates a new InterviewHandler object by inserting a new row into tbl_InterviewHandler. This procedure also creates several other objects: * The after message action by inserting a new row into tbl_CallAction * A new handler by inserting a new row into tbl_Handler * Twenty empty interview handler questions by inserting 20 new rows into tbl_InterviewHandlerQuestion * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.
csp_InterviewHandlerModify	Stored Procedure	Updates the attributes of an InterviewHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the InterviewHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.
csp_MenuEntryCreate	Stored Procedure	Creates a new user input key mappings by inserting a new row into tbl_MenuEntry.
csp_MenuEntryModify	Stored Procedure	Updates the attributes of a MenuEntry object based on the values passed in via the parameters. Essentially, only the Locked attribute is updated. If @TargetConversation is specified, the associated CallAction object is updated. If @TargetHandlerObjectId is specified, the associated CallAction object is updated. If @Action is not NULL, the associated CallAction object is updated. The combination of the @CallHandlerObjectId and @TouchtoneKey parameters identifies the MenuEntry object that is updated.
csp_RoutingRuleCreate	Stored Procedure	Creates a new RoutingRule by inserting a row into tbl_RoutingRule. The new rule is added to the top of the list.
csp_RoutingRuleModify	Stored Procedure	Updates the attributes of a RoutingRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the RoutingRule object that is updated.
csp_SubscriberCreate	Stored Procedure	Creates a new voice mail user (subscriber).
csp_SubscriberModify	Stored Procedure	Updates the attributes of a voice mail user (subscriber) based on the values passed in.
csp_SubscriberTemplateCreate	Stored Procedure	Creates a new Subscriber template, either from scratch or based on an existing template or user, by inserting a new row into tbl_UserSubscriber and tbl_User.
csp_SubscriberTemplateModify	Stored Procedure	Updates the attributes of a Subscriber template based on the values passed in via the parameters. The @ObjectId identifies the Subscriber object in tbl_UserSubscriber that is updated.

Table Triggers

No triggers are specified for tbl_CallAction.

Column Properties

Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MenuEntry , vw_CallAction , vw_GreetingDisplay , vw_Greeting , vw_Callhandler , vw_InterviewHandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_DirectoryHandler , vw_DirectoryHandler , vw_DirectoryHandler , vw_RoutingRule , vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallAction object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_CallAction
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_GreetingDisplay , vw_Greeting , vw_Callhandler , vw_InterviewHandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_DirectoryHandler , vw_DirectoryHandler , vw_DirectoryHandler , vw_RoutingRule , vw_MenuEntry , vw_CallAction , vw_DirectoryHandler
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Occurrences In Views:	vw_GreetingDisplay , vw_Greeting , vw_Callhandler , vw_InterviewHandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_DirectoryHandler , vw_DirectoryHandler , vw_DirectoryHandler , vw_RoutingRule , vw_MenuEntry , vw_CallAction , vw_DirectoryHandler
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.9. tbl_CallActionParentObjectMap

A mapping of a Call Action to a call handler, directory handler, interview handler, subscriber or routing rule action. This "mapping" is used to by CUSA to determine which call actions are available as choices for an object's call routing settings. For example, the actions available as choices that Cisco Unity Connection will perform for a call handler after the greeting plays.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	Action	int (4 bytes)	False	The type of call action to take, e.g., hang-up, goto another object, etc.	
	ActionCallHandler-AfterGreeting	smallint (2 bytes)	False	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	ActionCallHandler-AfterMessage	smallint (2 bytes)	False	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is left for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	ActionCallHandler-CallerInput	smallint (2 bytes)	False	A flag indicating whether the call action can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	ActionDirectoryHandlerExit	smallint (2 bytes)	False	A flag indicating whether the call action can be a destination from a directory handler when the caller presses * to exit.	Bool
	ActionDirectoryHandlerNoInput	smallint (2 bytes)	False	A flag indicating whether the call action can be a destination from a directory handler when the caller does not respond to the name entry prompt.	Bool
	ActionDirectoryHandlerNoSelection	smallint (2 bytes)	False	A flag indicating whether the call action can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	ActionDirectoryHandlerZeroExit	smallint (2 bytes)	False	A flag indicating whether the call action can be a destination from a directory handler when the caller presses the zero ("0") key.	Bool
	ActionInterviewHandlerAfterMessage	smallint (2 bytes)	False	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is left for the interview handler.	Bool
	ActionRoutingRuleDirectCall	smallint (2 bytes)	False	A flag indicating whether the call action can be a destination in a call routing rule for a direct call.	Bool
	ActionRoutingRuleForwardedCall	smallint (2 bytes)	False	A flag indicating whether the call action can be a destination in a call routing rule for a forwarded call.	Bool
	ActionSubscriberAfterGreeting	smallint (2 bytes)	False	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a subscriber greeting is played.	Bool
	ActionSubscriberAfterMessage	smallint (2 bytes)	False	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a message left for the subscriber.	Bool
	ActionSubscriber-CallerInput	smallint (2 bytes)	False	A flag indicating whether the call action can be assigned to user input keys for a subscriber greeting.	Bool
	ActionSubscriberExit	smallint (2 bytes)	False	A flag indicating whether the call action can be a destination when exiting the subscriber conversation.	Bool
	LocalizationKey	nvarchar (128 characters)	False	The key to the localized name of the CallAction.	

Table Keys

PK_tbl_CallActionParentObjectMap

Property Name	Value
Description:	Uniquely identifies a type of call action in this table and exclusively represents this call action throughout the database.
Type:	Primary
Column(s):	Action
Clustered?	True
Constraint Error String:	Duplicate call action parent. A call action parent with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_CallActionParentObjectMap.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_CallActionParentObjectMap.

Table Relationships (Foreign Keys)

tbl_CallActionParentObjectMap has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_CallActionParentObjectMap:

Name	Object Type	Description
vw_CallActionParentObjectMap	View	A simple view for tbl_CallActionParentObjectMap.

Table Triggers

No triggers are specified for tbl_CallActionParentObjectMap.

Column Properties

Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionCallHandlerAfterGreeting

Property Name	Value
Description:	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	Values: 0: The call action cannot be an action for after a greeting is played. 1: The call action can be an action for after a greeting is played.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionCallHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is left for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	Values: 0: The call action cannot be an action for after a message is left for the call handler. 1: The call action can be an action for after a message is left for the call handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionCallHandlerCallerInput

Property Name	Value
Description:	A flag indicating whether the call action can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	Values: 0: The call action cannot be assigned to a key as an action for a call handler. 1: The call action can be assigned to a key as an action for a call handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionDirectoryHandlerExit

Property Name	Value
Description:	A flag indicating whether the call action can be a destination from a directory handler when the caller presses * to exit.

Property Name	Value
Notes:	Values: 0: The call action cannot be the destination for a call when a caller presses * to exit a directory handler. 1: The call action can be the destination for a call when a caller presses * to exit a directory handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionDirectoryHandlerNoInput

Property Name	Value
Description:	A flag indicating whether the call action can be a destination from a directory handler when the caller does not respond to the name entry prompt.
Notes:	Values: 0: The call action cannot be the destination for a call when the caller does not respond to the name entry prompt for a directory handler. 1: The call action can be the destination for a call when the caller does not respond to the name entry prompt for a directory handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionDirectoryHandlerNoSelection

Property Name	Value
Description:	A flag indicating whether the call action can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.
Notes:	Values: 0: The call action cannot be the destination for a call from a directory handler when the caller does not make a selection to a matching name. 1: The call action can be the destination for a call from a directory handler when the caller does not make a selection to a matching name.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionDirectoryHandlerZeroExit

Property Name	Value
Description:	A flag indicating whether the call action can be a destination from a directory handler when the caller presses the zero ("0") key.
Notes:	Values: 0: The call action cannot be the destination for a call when a caller presses zero to exit a directory handler. 1: The call action can be the destination for a call when a caller presses zero to exit a directory handler.

Property Name	Value
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionInterviewHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is left for the interview handler.
Notes:	Values: 0: The call action cannot be an action for after a message is left for the interview handler. 1: The call action can be an action for after a message is left for the interview handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionRoutingRuleDirectCall

Property Name	Value
Description:	A flag indicating whether the call action can be a destination in a call routing rule for a direct call.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionRoutingRuleForwardedCall

Property Name	Value
Description:	A flag indicating whether the call action can be a destination in a call routing rule for a forwarded call.
Notes:	Values: 0: The call action cannot be a destination in a call routing rule for a forwarded call. 1: The call action can be a destination in a call routing rule for a forwarded call.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionSubscriberAfterGreeting

Property Name	Value
Description:	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a subscriber greeting is played.
Notes:	Values: 0: The call action cannot be an action for after a greeting is played. 1: The call action can be an action for after a greeting is played.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionSubscriberAfterMessage

Property Name	Value
Description:	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a message left for the subscriber.
Notes:	Values: 0: The call action cannot be an action for after a message is left for the subscriber. 1: The call action can be an action for after a message is left for the subscriber.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionSubscriberCallerInput

Property Name	Value
Description:	A flag indicating whether the call action can be assigned to user input keys for a subscriber greeting.
Notes:	Values: 0: The call action cannot be assigned to a key as an action for a subscriber. 1: The call action can be assigned to a key as an action for a subscriber.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionSubscriberExit

Property Name	Value
Description:	A flag indicating whether the call action can be a destination when exiting the subscriber conversation.

Property Name	Value
Notes:	Values: 0: The call action cannot be the destination for a call when a caller exists the subscriber conversation. 1: The call action can be the destination for a call when a caller exists the subscriber conversation.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalizationKey

Property Name	Value
Description:	The key to the localized name of the CallAction.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallActionParentObjectMap
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.10. tbl_CallHandler

A type of Handler object that answers calls, greet callers with recorded prompts and provide them with information and options, route calls, and take messages. This is the all-purpose call transfer, greeting, message taking, and routing object.

Additional Information

Callhandler is used:

- * As an automated attendant - a call handler can be used in place of a human operator to answer and direct calls by playing greetings and responding to touchtones.
- * To offer prerecorded audiotext - a call handler can be used to provide information that customers request frequently (for example, "Our normal business hours are Monday through Friday, 8 A.M. to 5 P.M.").
- * As a message recipient - a call handler can be used to take messages for the organization (for example, "All of our customer service representatives are busy. Please state your name, phone number, and account number, and we will return your call as soon as possible.")
- * To transfer calls - a call handler can be used to route callers to a subscriber (for example, after hours, you could transfer calls that come to a technical support call handler directly to the cell phone of the person who is on call), or to another call handler.

Unity comes with the following predefined call handlers (which cannot be deleted):

- * Opening Greeting - acts as an automated attendant, playing the greeting that callers first hear when they call your organization, and performing the actions you specify.
- * Operator - calls are routed to this call handler when callers press "0" or do not press any key, (the default setting) as stated in the Cisco Unity Connection conversation.
- * Goodbye - plays a brief goodbye message and then hangs up if there is no caller input.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.	ObjectID
FK	AfterMessageCallActionObjectId	char (36 characters)	True	The unique identifier of the action, e.g. "Say good-bye" that Cisco Unity Connection performs after an unidentified caller leaves a message for a call handler.	ObjectID
	EditMsg	smallint (2 bytes)	False	A flag that determines whether the caller can edit messages.	Bool
	IsPrimary	smallint (2 bytes)	False	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.	Bool
	IsTemplate	smallint (2 bytes)	False	A flag indicating whether this CallHandler is a "template" for creating new call handlers.	Bool
	MaxMsgLen	int (4 bytes)	False	The maximum recording length (in seconds) for messages left by unidentified callers.	
FK	MediaSwitchObjectId	char (36 characters)	True	Default switch to use for transfers.	ObjectID

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	OneKeyDelay	int (4 bytes)	False	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.	
FK	Recipient_ContactObjectId	char (36 characters)	True	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
FK	Recipient_DistributionListObjectId	char (36 characters)	True	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
FK	Recipient_SubscriberObjectId	char (36 characters)	True	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
FK	ScheduleSetObjectId	char (36 characters)	False	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.	ObjectID
	SendSecureMsg	smallint (2 bytes)	False	A flag indicating whether an unidentified caller can mark a message as "secure."	Bool
	SendUrgentMsg	smallint (2 bytes)	False	A flag indicating whether an unidentified caller can mark a message as "urgent."	MarkUrgent
FK	TimeZone	int (4 bytes)	True	TimeZone this call handler is operating in.	

Table Keys

PK_tbl_CallHandler

Property Name	Value
Description:	Uniquely identifies a call handler in this table and exclusively represents this call handler throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate call handler. A call handler with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_CallHandler.

Table Ad-Hoc Constraints

SystemCallHandlerRequiresSwitchId

Property Name	Value
Description:	System call handlers must have a switch id.
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	Phone system missing. This call handler must be assigned to a phone system.

Table Relationships (Foreign Keys)

tbl_CallHandler has the following relationships with other tables:

tbl_CallHandler.ObjectId (0..1) ----- (1..1) tbl_Handler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_CallHandler_ObjectId_tbl_Handler_ObjectId
Description:	Each call handler is a handler. Each handler may be the base for one call handler.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CallHandler and tbl_Handler linked by the foreign key ObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a handler to which this call handler is assigned or to assign this call handler to a nonexistent handler.

tbl_CallHandler.AfterMessageCallActionObjectId (0..1) ----- (0..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_CallHandler_AfterMessageCallActionObjectId_tbl_CallAction_ObjectId
Description:	Each call handler may have one call action. Each call action may be an action for one call handler.
Foreign Key:	True

Property Name	Value
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CallHandler and tbl_CallAction linked by the foreign key AfterMessageCallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call action that is designated as an after message action for a call handler or to designate a nonexistent call action as an after message action for this call handler.

tbl_CallHandler.MediaSwitchObjectId_(0..*)-----^(0..1)tbl_MediaSwitch.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_CallHandler_MediaSwitchObjectId_tbl_MediaSwitch_ObjectId
Description:	Each call handler may reference a media switch. Each media switch may have many call handlers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CallHandler and tbl_MediaSwitch linked by the foreign key MediaSwitchObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	<ul style="list-style-type: none"> * A system call handler must reference a switch. * A primary call handler does not need to reference a switch.
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a phone system to which this call handler is assigned or to assign this call handler to a nonexistent phone system.

tbl_CallHandler.Recipient_ContactObjectId_(0..*)-----^(0..1)tbl_Contact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_CallHandler_Recipient_ContactObjectId_tbl_Contact_ObjectId
Description:	Each call handler may have one contact as the recipient of the message recorded by a call handler. Each contact may be the recipient of the message recorded by one or more call handlers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CallHandler and tbl_Contact linked by the foreign key Recipient_ContactObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a contact that is designated as a message recipient for a call handler or to designate a contact that does not exist as a message recipient for this call handler.

tbl_CallHandler.Recipient_DistributionListObjectId_(0..*)-----^(0..1)tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_CallHandler_Recipient_DistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Each call handler may have one distribution list as the recipient of the message recorded by a call handler. Each distribution list may be the recipient of the message recorded by one or more call handlers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CallHandler and tbl_DistributionList linked by the foreign key Recipient_DistributionListObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a distribution list that is designated as a message recipient for a call handler or to designate a distribution list that does not exist as a message recipient for this call handler.

tbl_CallHandler.Recipient_SubscriberObjectId_(0..*)-----^(0..1)tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_CallHandler_Recipient_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each call handler may have one subscriber as the recipient of the message recorded by a call handler. Each subscriber may be the recipient of the message recorded by one or more call handlers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CallHandler and tbl_UserSubscriber linked by the foreign key Recipient_SubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to either delete a user that is designated as a message recipient for a call handler or to designate a user that does not exist as a message recipient for this call handler.

tbl_CallHandler.ScheduleSetObjectId (0..*) ----- (1..1) tbl_ScheduleSet.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_CallHandler_ScheduleSetObjectId_tbl_ScheduleSet_ObjectId
Description:	Each call handler must adhere to the schedules of one schedule set. A schedule set may contain the schedules that control one or more call handlers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CallHandler and tbl_ScheduleSet linked by the foreign key ScheduleSetObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a schedule set to which this call handler is assigned or to assign this call handler to a nonexistent schedule set.

tbl_CallHandler.TimeZone (0..*) ----- (0..1) tbl_TimeZone.TimeZoneId

Property Name	Value
Relationship Name:	FK_tbl_CallHandler_TimeZone_tbl_TimeZone_TimeZoneId
Description:	Each call handler can be associated with zero or one timezone.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CallHandler and tbl_TimeZone linked by the foreign key TimeZone.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a time zone to which this call handler is assigned or to assign this call handler to a nonexistent time zone.

Additional relationships with tbl_CallHandler are defined in the following tables:

[tbl_TransferOption](#)

tbl_MenuEntry

tbl_Greeting

tbl_UserSubscriber

tbl_Contact

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_CallHandler:

Name	Object Type	Description
vw_Callhandler	View	An all-purpose call transfer, greeting, message taking, and routing object. A call handler answers calls, greet callers with recorded prompts and provide them with information and options, route calls, and take messages.
vw_CallhandlerNonPrimary	View	An application call handler. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 0, which indicates this call handler is not a primary call handler for a subscriber.
vw_CallhandlerNonPrimary_List	View	A narrow view of an application call handler. This view provides a list of all application call handlers, which is used by CUSA to provide list of application call handlers in drop-down lists. It contains only the ObjectId and DisplayName for each call handler. The value of the "IsPrimary" column must be 0, which indicates this call handler is not a primary call handler for a subscriber.
vw_CallhandlerPrimary	View	A primary call handler for a subscriber. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 1, which indicates this is the primary call handler for a subscriber.
vw_CallhandlerPrimaryTemplate	View	A call handler template that is part of a subscriber template.
vw_CallhandlerTemplate	View	A template for a call handler object. This view contains all the same columns as a call handler object. The value of the "IsTemplate" column must be 1, which indicates this row of a call handler object is a template.
csp_CallhandlerGetActiveGreeting	Stored Procedure	Determines the correct greeting to play based on some information about a call (internal? busy?) and schedules.
csp_CallhandlerGetActiveTransfer Option	Stored Procedure	Retrieve the active transfer option for a specified call handler.
csp_CallhandlerModify	Stored Procedure	Updates the attributes of a CallHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.
csp_CallhandlerPrimaryTemplate Modify	Stored Procedure	<p>Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.</p> <p>Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.</p>

Name	Object Type	Description
csp_CallhandlerTemplateCreate	Stored Procedure	<p>Creates a new call handler template by inserting a new row into tbl_CallHandler. A call handler template is identical to a call handler except for one distinction --- IsTemplate column = true (1) signifies that a call handler object is a template. This procedure is used to create both primary and non-primary call handlers. csp_CallhandlerTemplateCreate sets the callhandler template attributes by using the values passed in and the default values from the specified callhandler template (optional). Note that a call handler template is optional to create a call handler template.</p> <p>In addition to creating a new handler and callhandler object, this stored procedure also creates the sub collections of call action, greeting, transferoption and menuentry objects associated with this callhandler template. If a VoiceName is passed in, a new voice name for the call handler template is created (executes csp_StreamFileModify) by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.</p> <p>To change the attributes for a call handler template, see csp_CallhandlerTemplateModify.</p>
csp_CallhandlerTemplateDelete	Stored Procedure	Deletes a CallHandler template object from tbl_CallHandler as specified by the @ObjectId parameter.
csp_CallhandlerTemplateModify	Stored Procedure	<p>Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.</p> <p>Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.</p>

Table Triggers

No triggers are specified for tbl_CallHandler.

Column Properties

AfterMessageCallActionObjectId

Property Name	Value
Description:	The unique identifier of the action, e.g. "Say good-bye" that Cisco Unity Connection performs after an unidentified caller leaves a message for a call handler.
Notes:	<p>This value references a tbl_CallAction->ObjectId. Possible actions are:</p> <ul style="list-style-type: none"> * Say good-bye * Send caller to another call handler, directory handler, interview handler, greetings administrator, hang-up, sign-in, subscriber, subscriber system transfer, or system transfer.
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EditMsg

Property Name	Value
Description:	A flag that determines whether the caller can edit messages.
Notes:	Allows callers to be prompted to listen to, add to, rerecord, or delete their messages. Values: 0: Callers cannot edit messages 1: Callers can edit messages
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.
Notes:	<p>Each subscriber is associated with a call handler, which is referred to as the "primary call handler" for that subscriber. An "application call handler" is just a normal call handler.</p> <p>One important limitation that a primary call handler that an application call handler does not have is that the subscriber administration interface shall only allow one transfer rule to be enabled (the alternate transfer rule). An application call handler has three transfer rules - alternate, standard, and off hours.</p> <p>Another distinction between primary and application call handlers is that primary call handlers must have a dtmfaccessid value assigned to them. A dtmfaccessid value is optional for application call handlers.</p> <p>Values: 0: Not a primary call handler 1: Primary call handler</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsTemplate

Property Name	Value
Description:	A flag indicating whether this CallHandler is a "template" for creating new call handlers.

Property Name	Value
Notes:	Used to provide default values for selected columns when creating new call handlers. A value of 1 (i.e., true) means this row is an object template. Values: 0: Not a template 1: Is a template
Business Rules:	Cannot be modified.
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMsgLen

Property Name	Value
Description:	The maximum recording length (in seconds) for messages left by unidentified callers.
Notes:	This value is used when the call handler is set to an action of "Take Message" (either by an after greeting action in the messagingrule table or via a user input action in the menuentry table. This value only gets applied to unidentified callers leaving a message. This value is not used for subscriber-subscriber messaging. Instead the COS for the calling subscriber determines the maximum recorded message length.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	300
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

MediaSwitchObjectId

Property Name	Value
Description:	Default switch to use for transfers.
Notes:	It is possible to override this value by changing the switch id for a specific transfer option.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_Handler.
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate , vw_CallhandlerNonPrimary_List
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OneKeyDelay

Property Name	Value
Description:	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Notes:	<p>When a caller interrupts a greeting with a digit, Cisco Unity Connection will wait this number of milliseconds to see if they are going to enter more digits. Once this timeout is reached (or the caller terminates the input with a #), Cisco Unity Connection will do a look-up of the resulting string of numbers for a match with a dtmfaccessid value in the dialing domain. If a match is found, the call is sent to the matching object. If no match is found, the "Error greeting" for the call handler is invoked.</p> <p>If a key is "locked" then this value does not apply. Instead action is taken immediately on that key instead of allowing more digits.</p>
Business Rules:	
Developer Notes:	<p>A value of 0 disables one key input.</p> <p>Administrative interface should display value in 100 millisecond increments.</p>
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	1500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	5000

Recipient_ContactObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a contact, this points to the contact.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_DistributionListObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this is NULL
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_SubscriberObjectid

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this points to the subscriber.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectid

Property Name	Value
Description:	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Notes:	This schedule set (commonly referred to as the "active schedule") defines what times of the day are considered "standard" and what times are considered "off hours." This is used to determine which greeting and transfer rules are triggered for the call handler when processing calls.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SendSecureMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "secure."
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "urgent."
Notes:	Values: 0: Never - messages left by unidentified calls are never marked urgent. 1: Always - all messages left by unidentified callers are marked urgent. 2: ask - Cisco Unity Connection asks unidentified callers whether to mark their messages urgent.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MarkUrgent
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	TimeZone this call handler is operating in.
Notes:	If NULL, use the TimeZone value from the VMS (vw_LocalVMS.TimeZone).
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.11. tbl_Configuration

Configuration data used by Unity components and applications, which is data that is both small in size and does not have a direct relationship with other tables.

Additional Information

Unity configuration data is organized as a list of hierarchical nodes. A node can have a value as well as children. Prior to Unity 4.0(4), all configuration data was stored in the Windows registry.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectID	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.	ObjectID
	Configuration-MetadataObjectID	char (36 characters)	True	The unique identifier to a node that is a pointer into another table that will contain validation information.	ObjectID
	DefaultValueBool	smallint (2 bytes)	True		Bool
	DefaultValueDate	datetime (8 bytes)	True		
	DefaultValueFloat	float (8 bytes)	True		
	DefaultValueGuid	char (36 characters)	True		ObjectID
	DefaultValueLong	int (4 bytes)	True		
	DefaultValueString	nvarchar (512 characters)	True		
	FullName	nvarchar (380 characters)	False	The fully qualified name of the node.	ConfigurationFullName
	HasChildNodes	smallint (2 bytes)	False	A flag indicating whether the node has any child nodes.	Bool
	LastModifiedBy-Component	nvarchar (256 characters)	True	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	True	The date and time of the last modification.	
	MaxVal	int (4 bytes)	True	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	True	For integer values, the minimum allowed value.	
	Name	nvarchar (256 characters)	False	The text name of the node.	ConfigurationName
FK	ParentId	char (36 characters)	True	The unique identifier of the node parent.	ObjectID
	RegexValidation	nvarchar (64 characters)	True	For string values, a regular expression string used to validate the string value.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	RequiresRestart	smallint (2 bytes)	False	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	ResetToDefaultOnUpgrade	smallint (2 bytes)	False	A flag indicating whether or not this setting's value should be migrated during upgrades.	Bool
	Type	int (4 bytes)	False	The data type of the node value.	ConfigurationNode-Type
	UserSetting	smallint (2 bytes)	False	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	ValueBool	smallint (2 bytes)	True	The value of the node if the node is of type bool.	Bool
	ValueDate	datetime (8 bytes)	True	The value of the node if the node is of type datetime.	
	ValueFloat	float (8 bytes)	True	The value of the node if the node is of type float.	
	ValueGuid	char (36 characters)	True	The value of the node if the node is of type ObjectId	ObjectId
	ValueLong	int (4 bytes)	True	The value of the node if the node is of type long.	
	ValueString	nvarchar (512 characters)	True	The value of the node if the node is of type string.	

Table Keys

PK_tbl_Configuration

Property Name	Value
Description:	Uniquely identifies a configuration node in this table and exclusively represents this node throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate configuration setting. A system configuration setting with that unique identifier already exists.

Table Indexes

Name	Description	Unique	Clustered	Sort Direction	Columns
IX_tbl_Configuration_FullName	Configuration objects by the full name attribute.	False	False	Ascending	FullName
IX_tbl_Configuration_Name	Configuration objects ordered by the name attribute.	False	False	Ascending	Name
IX_tbl_Configuration_ValueGuid	Configuration objects ordered by the value GUID attribute.	False	False	Ascending	ValueGuid

Table Ad-Hoc Constraints

MinMax

Property Name	Value
Description:	MaxVal must be greater than or equal to MinVal if both are non-NULL
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	MaxVal must be greater than or equal to MinVal if both are non-NULL

OnlyOneValue

Property Name	Value
Description:	Only one value type can be defined for a configuration node.
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	Only one value type can be defined for a configuration node.

Table Relationships (Foreign Keys)

tbl_Configuration has the following relationships with other tables:

tbl_Configuration.ParentId (0..*) ----- (1..1) tbl_Configuration.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Configuration_ParentId_tbl_Configuration_ObjectId
Description:	All nodes except the top node have a node parent.
Foreign Key:	True
FK Constraint:	Disabled - No foreign key constraint is applied. FK is informational only.
Cascade On Delete:	Disabled - Since "FK Constraint" is disabled, DELETE will be performed normally.
Cascade On Update:	Disabled - Since "FK Constraint" is disabled, UPDATE will be performed normally.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the parent node for a configuration setting or to designate a nonexistent node as the parent node for this configuration setting.

Additional relationships with tbl_Configuration are defined in the following tables:

[tbl_Configuration](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Configuration:

Name	Object Type	Description
vw_Configuration	View	Configuration data used by Cisco Unity Connection components and applications.
vw_Configuration_AdvSetting_Conversations	View	Contains the configuration data for Conversation settings. The primary purpose of this view is to control access to the Advanced settings in CUSA for configuring the Conversation settings.
vw_Configuration_AdvSetting_CPCA	View	Contains the configuration data for Telephone Record and Playback.
vw_Configuration_AdvSetting_Groupware	View	Contains the configuration data for the Groupware (calendar) settings. The primary purpose of this view is to control access to the Advanced settings in CUSA for configuring the Groupware settings.
vw_Configuration_AdvSetting_Reports	View	Contains the configuration data for Reports settings. The primary purpose of this view is to control access to the Advanced settings in CUSA for configuring the Reports settings.
vw_Configuration_AdvSetting_SA	View	Contains the configuration data for SA settings. The primary purpose of this view is to control access to SA settings in CUSA.
vw_Configuration_AdvSetting_SecureMessaging	View	Contains the configuration data for the Secure Messaging feature. The primary purpose of this view is to control access to the Advanced settings in CUSA for configuring the Secure Messaging feature.
vw_Configuration_AdvSetting_SystemSetup	View	Contains the configuration data for miscellaneous settings. Included in this view are: - Disk max threshold - Trap max rings
vw_Configuration_AdvSetting_Telephony	View	Contains the configuration data for Telephony settings. The primary purpose of this view is to control access to the Advanced settings in CUSA for configuring the Telephony settings.
vw_Configuration_AdvSetting_TraP	View	Contains the configuration data for Telephone Record and Playback.
vw_ConfigurationValue	View	Flat value-based view on the configuration data.
csp_ConfigurationModify	Stored Procedure	Updates the attributes of a specified instance of a Configuration node based on the values passed in via the parameters.

Name	Object Type	Description
csp_ConfigurationModifyBool	Stored Procedure	Modifies the value of a configuration node whose data type is Custom Type "bool." (Actually a SQL data type of small int, but recognized by Cisco Unity Connection as a Bool.)
csp_ConfigurationModifyDate	Stored Procedure	Modifies the value of a configuration node whose data type is "datetime."
csp_ConfigurationModifyFloat	Stored Procedure	Modifies the value of a configuration node whose data type is "float."
csp_ConfigurationModifyGuid	Stored Procedure	Modifies the value of a configuration node whose data type is "uniqueidentifier."
csp_ConfigurationModifyLong	Stored Procedure	Modifies the value of a configuration node whose data type is "long."
csp_ConfigurationModifyString	Stored Procedure	Modifies the value of a configuration node whose data type is "string."
csp_ConfigurationRetrieve	Stored Procedure	Retrieves information about an existing configuration node.
csp_ConfigurationRetrieveType	Stored Procedure	Returns the configuration node type, e.g., 4 (= "Float" type).
tr_Configuration_Insert	Trigger	
tr_Configuration_Update	Trigger	

Table Triggers

Name	Event To Fire On	Description	Notes
tr_Configuration_Insert	On Insert		
tr_Configuration_Update	On Update		

Column Properties

ConfigurationMetadataObjectId

Property Name	Value
Description:	The unique identifier to a node that is a pointer into another table that will contain validation information.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueBool

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueDate

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueFloat

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	float (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueGuid

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueLong

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueString

Property Name	Value
Description:	

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration , vw_ConfigurationValue , vw_Configuration_AdvSetting_CPCA , vw_Configuration_AdvSetting_TRaP , vw_Configuration_AdvSetting_SecureMessaging , vw_Configuration_AdvSetting_Telephony , vw_Configuration_AdvSetting_SA , vw_Configuration_AdvSetting_Conversations , vw_Configuration_AdvSetting_Groupware , vw_Configuration_AdvSetting_Reports , vw_Configuration_AdvSetting_SystemSetup
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HasChildNodes

Property Name	Value
Description:	A flag indicating whether the node has any child nodes.
Notes:	Values: 0: The node does not have any child nodes 1: The node has child nodes
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration , vw_ConfigurationValue , vw_Configuration_AdvSetting_CPCA , vw_Configuration_AdvSetting_TRaP , vw_Configuration_AdvSetting_SecureMessaging , vw_Configuration_AdvSetting_Telephony , vw_Configuration_AdvSetting_SA , vw_Configuration_AdvSetting_Conversations , vw_Configuration_AdvSetting_Groupware , vw_Configuration_AdvSetting_Reports , vw_Configuration_AdvSetting_SystemSetup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	nvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters

Property Name	Value
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration , vw_ConfigurationValue , vw_Configuration_AdvSetting_CPCA , vw_Configuration_AdvSetting_TRaP , vw_Configuration_AdvSetting_SecureMessaging , vw_Configuration_AdvSetting_Telephony , vw_Configuration_AdvSetting_SA , vw_Configuration_AdvSetting_Conversations , vw_Configuration_AdvSetting_Groupware , vw_Configuration_AdvSetting_Reports , vw_Configuration_AdvSetting_SystemSetup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration , vw_ConfigurationValue , vw_Configuration_AdvSetting_CPCA , vw_Configuration_AdvSetting_TRaP , vw_Configuration_AdvSetting_SecureMessaging , vw_Configuration_AdvSetting_Telephony , vw_Configuration_AdvSetting_SA , vw_Configuration_AdvSetting_Conversations , vw_Configuration_AdvSetting_Groupware , vw_Configuration_AdvSetting_Reports , vw_Configuration_AdvSetting_SystemSetup

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration , vw_ConfigurationValue , vw_Configuration_AdvSetting_CPCA , vw_Configuration_AdvSetting_TRaP , vw_Configuration_AdvSetting_SecureMessaging , vw_Configuration_AdvSetting_Telephony , vw_Configuration_AdvSetting_SA , vw_Configuration_AdvSetting_Conversations , vw_Configuration_AdvSetting_Groupware , vw_Configuration_AdvSetting_Reports , vw_Configuration_AdvSetting_SystemSetup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ParentId

Property Name	Value
Description:	The unique identifier of the node parent.
Notes:	Only one node, the top-most node in the hierarchy, can have a NULL ParentId.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration , vw_ConfigurationValue , vw_Configuration_AdvSetting_CPCA , vw_Configuration_AdvSetting_TRaP , vw_Configuration_AdvSetting_SecureMessaging , vw_Configuration_AdvSetting_Telephony , vw_Configuration_AdvSetting_SA , vw_Configuration_AdvSetting_Conversations , vw_Configuration_AdvSetting_Groupware , vw_Configuration_AdvSetting_Reports , vw_Configuration_AdvSetting_SystemSetup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration , vw_ConfigurationValue , vw_Configuration_AdvSetting_CPCA , vw_Configuration_AdvSetting_TRaP , vw_Configuration_AdvSetting_SecureMessaging , vw_Configuration_AdvSetting_Telephony , vw_Configuration_AdvSetting_SA , vw_Configuration_AdvSetting_Conversations , vw_Configuration_AdvSetting_Groupware , vw_Configuration_AdvSetting_Reports , vw_Configuration_AdvSetting_SystemSetup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ResetToDefaultOnUpgrade

Property Name	Value
Description:	A flag indicating whether or not this setting's value should be migrated during upgrades.
Notes:	Setting this flag to false (0) will cause the value of this setting to be migrated during an upgrade. This will be the case for most settings. Setting this flag to true (1) will prevent the value of this setting from being migrated (copied) during an upgrade. After the upgrade, the setting will have the same value that the corresponding setting on a fresh install would have.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration , vw_ConfigurationValue , vw_Configuration_AdvSetting_CPCA , vw_Configuration_AdvSetting_TRaP , vw_Configuration_AdvSetting_SecureMessaging , vw_Configuration_AdvSetting_Telephony , vw_Configuration_AdvSetting_SA , vw_Configuration_AdvSetting_Conversations , vw_Configuration_AdvSetting_Groupware , vw_Configuration_AdvSetting_Reports , vw_Configuration_AdvSetting_SystemSetup
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration , vw_ConfigurationValue , vw_Configuration_AdvSetting_CPCA , vw_Configuration_AdvSetting_TRaP , vw_Configuration_AdvSetting_SecureMessaging , vw_Configuration_AdvSetting_Telephony , vw_Configuration_AdvSetting_SA , vw_Configuration_AdvSetting_Conversations , vw_Configuration_AdvSetting_Groupware , vw_Configuration_AdvSetting_Reports , vw_Configuration_AdvSetting_SystemSetup
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueBool

Property Name	Value
Description:	The value of the node if the node is of type bool.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueDate

Property Name	Value
Description:	The value of the node if the node is of type datetime.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueFloat

Property Name	Value
Description:	The value of the node if the node is of type float.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	
SQL Data Type/Length:	float (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueGuid

Property Name	Value
Description:	The value of the node if the node is of type ObjectID
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueLong

Property Name	Value
Description:	The value of the node if the node is of type long.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueString

Property Name	Value
Description:	The value of the node if the node is of type string.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Configuration
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.12. tbl_Contact

A (system) contact represents a person or organization in the Unity Connection directory who cannot access any Connection features (i.e., not a Subscriber), but is visible to all users on the system. A contact may be associated with a remote voice messaging system and be addressable (send and receive voice messages) if it has a `DeliveryLocation` and `RemoteAddress`.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectID	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a Contact object.	ObjectID
	AltFirstName	nvarchar (64 characters)	True	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	AltLastName	nvarchar (64 characters)	True	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
FK	CallHandlerObjectID	char (36 characters)	False	The unique identifier of the primary CallHandler object for the contact.	ObjectID
FK	DeliveryLocationObjectID	char (36 characters)	True	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.	ObjectID
	DirectoryId	lvarchar (2048 characters)	True	The identifier of a user in a corporate directory (such as Active Directory).	DirectoryId
	DisableOutbound	smallint (2 bytes)	False	For an AMIS remote contact, indicates no messages are being delivered to this target	Bool
	DisplayName	nvarchar (64 characters)	False	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	DtmfNameFirstLast	varchar (16 characters)	True	Digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the contact. These digits are used for searching the contact by name via the phone.	DtmfName
	DtmfNameLastFirst	varchar (16 characters)	True	Digits corresponding the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the contact. These digits are used for searching the contact by name via the phone.	DtmfName
	FirstName	nvarchar (64 characters)	True	The first name (i.e., givenName) of a contact. Not their surname nor middle name.	Name
	LastName	nvarchar (64 characters)	True	The last name (i.e., surname or family name) of a contact, by which a contact is commonly known.	Name
	ListInDirectory	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should list the contact in the phone directory for outside callers.	Bool
FK	LocationObjectId	char (36 characters)	False	The unique identifier of the LocationVMS object to which this contact belongs.	ObjectID
	RemoteAddress	lvarchar (256 characters)	True	A mail address on the remote system.	
FK	StreamFileObjectId	char (36 characters)	True	The unique identifier of the StreamFile object that represents the voice name for this contact.	ObjectID
	TransferRings	smallint (2 bytes)	False	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.	
	TransferType	smallint (2 bytes)	False	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).	TransferType

Table Keys

PK_tbl_Contact

Property Name	Value
Description:	Uniquely identifies a contact in this table and exclusively represents this contact throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate contact. A contact with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Contact.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Contact.

Table Relationships (Foreign Keys)

tbl_Contact has the following relationships with other tables:

tbl_Contact.CallHandlerObjectId (0..1) ----- (1..1) tbl_CallHandler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Contact_CallHandlerObjectId_tbl_CallHandler_ObjectId
Description:	Each contact must be assigned one call handler - primary call handler. Each call handler may be assigned to one contact.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Contact and tbl_CallHandler linked by the foreign key CallHandlerObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the call handler to which this contact belongs or to assign this contact to a nonexistent call handler.

tbl_Contact.DeliveryLocationObjectId (0..*) ----- (0..1) tbl_Location.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Contact_DeliveryLocationObjectId_tbl_Location_ObjectId
Description:	A contact may have a delivery location for sending messages to the contact. Each (delivery) location may be the destination location for messages to one or more contacts.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Contact and tbl_Location linked by the foreign key DeliveryLocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the location to which this contact belongs or to assign this contact to a nonexistent location.

tbl_Contact.LocationObjectId (0..*) ----- (1..1) tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Contact_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each contact belongs to one LocationVMS. Each LocationVMS may own one or more contacts.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Contact and tbl_LocationVMS linked by the foreign key LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the location to which this contact belongs or to assign this contact to a nonexistent location.

tbl_Contact.StreamFileObjectId (0..1) ----- (0..1) tbl_StreamFile.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Contact_StreamFileObjectId_tbl_StreamFile_ObjectId
Description:	Each contact may have one recorded voice name. Each recorded voice name may apply to one contact.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Contact and tbl_StreamFile linked by the foreign key StreamFileObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the stream file that has the name of the audio file containing the recorded name of this contact or to assign this contact to a nonexistent stream file

Additional relationships with tbl_Contact are defined in the following tables:

[tbl_CallHandler](#)

[tbl_DtmfAccessId](#)

tbl_DistributionListSetMember

tbl_DistributionListMember

tbl_PhoneNumber

tbl_PersonalGroupMember

tbl_PersonalRuleCaller

tbl_Alias

tbl_AlternateName

tbl_LocationVPIM

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Contact:

Name	Object Type	Description
vw_Contact	View	A system contact along with its associated alias, dtmfaccessid, and streamfile attributes.
vw_SubscriberContact	View	A narrow view of a subscriber and system contact that consists of only those attributes necessary for message addressing.
csp_ContactCreate	Stored Procedure	Creates a contact representing a user in a remote mail system by inserting a new row into tbl_Contact. In addition to creating a new Contact object, this procedure also creates several Contact related objects: * A DtmfAccessId object by inserting a new row into tbl_DtmfAccessId. * An Alias object is created in the tbl_Alias table by calling csp_AliasCreate. * If the parameter @VoiceName contains a value other than NULL, a StreamFile object is created with the value of tbl_StreamFile.FileName = @VoiceName. If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.
csp_ContactDelete	Stored Procedure	Deletes a Contact object from tbl_Contact as specified by the @ObjectId parameter.
csp_ContactModify	Stored Procedure	Updates the attributes of a Contact object based on the values passed in via the parameters. The @ObjectId parameter identifies the Contact object that is updated.
csp_VirtualContactCreate	Stored Procedure	Creates a virtual contact representing a VPIM user in a remote mail system by inserting a new row into tbl_Contact. In addition to creating a new Contact object, this procedure also creates an Alias object in the tbl_Alias table by calling csp_AliasCreate.

Table Triggers

No triggers are specified for tbl_Contact.

Column Properties

AltFirstName

Property Name	Value
Description:	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user firstname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altfirstname column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltLastName

Property Name	Value
Description:	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user lastname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altlastname column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the primary CallHandler object for the contact.
Notes:	The call handler determines how calls to the contact are handled, which greeting is played, and what options callers are given during after the greetings.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DeliveryLocationObjectId

Property Name	Value
Description:	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	Exactly what is stored here changes depending on the directory.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	nvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisableOutbound

Property Name	Value
Description:	For an AMIS remote contact, indicates no messages are being delivered to this target
Notes:	If an AMIS remote contact is configured to deliver messages to a target that is not answering or does not indicate its an AMIS destination or the like, deliveries will fail. If they fail too many times or for specific reasons, Unity will terminate delivery attempts as per the AMIS specification. If that happens, this value is set to 1.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	The rule for automatically generating the displayname uses the Contact "FirstName" and "LastName" columns.
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirstLast

Property Name	Value
Description:	Digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the contact. These digits are used for searching the contact by name via the phone.
Notes:	The digits corresponding to the contact first name are first, followed by the digits corresponding to the contact last name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of either the contact first or last name columns. For example, if a contact name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 8424282733427439
Business Rules:	When the first or last name of the contact is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLastFirst

Property Name	Value
Description:	Digits corresponding the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the contact. These digits are used for searching the contact by name via the phone.

Property Name	Value
Notes:	The digits corresponding to the contact last name are first, followed by the digits corresponding to the contact first name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of the contact last or first name columns. For example, if a contact name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 4274392842428273
Business Rules:	When the last name of the contact is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of a contact. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of a contact, by which a contact is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the contact in the phone directory for outside callers.
Notes:	<p>If the contact is listed in the phone directory AND has a recorded voice name, outside callers can find this contact by spelling their name when using a directory handler (NameLookupHandler). This value has no effect on other users addressing this contact by name.</p> <p>Values: 0: Do not list the contact in the phone directory. 1: List the contact in the phone directory.</p>
Business Rules:	
Developer Notes:	Does this need to be set for GUI and TUI separately?
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this contact belongs.
Notes:	
Business Rules:	
Developer Notes:	This will always be the local VMS until we are using LocationVMS to partition the local directory.
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object.
Notes:	

Property Name	Value
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberContact
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RemoteAddress

Property Name	Value
Description:	A mail address on the remote system.
Notes:	This address isn't an SMTP address necessarily, for example on AMIS it is a remote extension.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that represents the voice name for this contact.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberContact
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferRings

Property Name	Value
Description:	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Notes:	Applies only when the value of the TransferType column is set to "Supervised" (1).
Business Rules:	The value of this column should never be less than 2 for a supervised transfer.
Developer Notes:	
Occurrences In Views:	vw_Contact
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	2
Validation - Maximum Value:	100

TransferType

Property Name	Value
Description:	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Notes:	Values: 0: Unsupervised (release) transfer - just let the switch do the transfer, and do not stay on the line and take action on RNA or busy. 1: Supervised transfer - listen for busy, ring no answer.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TransferType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.13. tbl_Conversation

A subscriber or routable conversations, where applicable. Standalone conversations (e.g., SubNotify) are not included in this table.

Additional Information

Prior to Unity 4.0(5), available subscriber conversations were hard coded and were restricted using the enumerated list properties of the custom type "ConversationName." By storing conversation names in this table, it allows new conversations to be added onto the system later.

The CnvXXXX columns specify from where this conversation may be used. Multiple CnvXXXX columns may be specified for a single conversation.

The RequiresXXX columns specify the type of object that may be required. Only one type of object can be required as input to the conversation.

Table Business Rules

Only one of RequiresXXX column should be set to true.

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ConversationName	nvarchar (64 characters)	False	The name of the conversation that can be used to identify a conversation. A subscriber uses this for message retrieval, sending, and setup; or the target of a call routing rule.	ConversationName
	CnvCallHandlerAfter-Greeting	smallint (2 bytes)	False	A flag indicating whether the conversation can be the destination for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	CnvCallHandlerAfter-Message	smallint (2 bytes)	False	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	CnvCallHandlerCaller-Input	smallint (2 bytes)	False	A flag indicating whether the conversation can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	CnvDirectoryHandler-Exit	smallint (2 bytes)	False	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses * to exit.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	CnvDirectoryHandlerNoInput	smallint (2 bytes)	False	A flag indicating whether the conversation can be a destination from a directory handler when the caller does not respond to the name entry prompt.	Bool
	CnvDirectoryHandlerNoSelection	smallint (2 bytes)	False	A flag indicating whether the conversation can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.	Bool
	CnvDirectoryHandlerZeroExit	smallint (2 bytes)	False	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses the zero ("0") key.	Bool
	CnvInterviewHandlerAfterMessage	smallint (2 bytes)	False	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the interview handler.	Bool
	CnvRoutingRuleDirectCall	smallint (2 bytes)	False	A flag indicating whether the conversation can be a destination in a call routing rule for a direct call.	Bool
	CnvRoutingRuleForwardedCall	smallint (2 bytes)	False	A flag indicating whether the conversation can be a destination in a call routing rule for a forwarded call.	Bool
	CnvSubscriberAfterGreeting	smallint (2 bytes)	False	A flag indicating whether the conversation can be the destination for a call, after a subscriber greeting is played.	Bool
	CnvSubscriberAfterMessage	smallint (2 bytes)	False	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for a subscriber.	Bool
	CnvSubscriberCallerInput	smallint (2 bytes)	False	A flag indicating whether the conversation can be assigned to user input keys for a subscriber greeting.	Bool
	CnvSubscriberExit	smallint (2 bytes)	False	A flag indicating whether the conversation can be the destination when exiting a subscriber conversation.	Bool
	CnvSubscriberMainConv	smallint (2 bytes)	False	A flag indicating whether the conversation can be used as a subscriber main conversation.	Bool
	IsVui	smallint (2 bytes)	False	A flag indicating whether the conversation is a VUI conversation.	Bool
	RequiresCallHandler	smallint (2 bytes)	False	A flag indicating whether a call handler object is required as input to the conversation.	Bool
	RequiresDirectoryHandler	smallint (2 bytes)	False	A flag indicating whether a directory handler object is required as input to the conversation.	Bool
	RequiresInterviewHandler	smallint (2 bytes)	False	A flag indicating whether a interview handler object is required as input to the conversation.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	RequiresSubscriber	smallint (2 bytes)	False	A flag indicating whether a subscriber object is required as input to the conversation.	Bool
	TextName	varchar (192 characters)	False	Localization key used to lookup the localized name in tbl_LocalizedText.	

Table Keys

CK_tbl_Conversation_TextName

Property Name	Value
Description:	Uniquely identifies the name of a conversation within tbl_Conversation.
Type:	Candidate
Column(s):	TextName
Clustered?	False
Constraint Error String:	Duplicate conversation name.

PK_tbl_Conversation

Property Name	Value
Description:	Uniquely identifies a conversation in this table and exclusively represents this conversation throughout the database.
Type:	Primary
Column(s):	ConversationName
Clustered?	True
Constraint Error String:	Duplicate conversation.

Table Indexes

No indexes are specified for tbl_Conversation.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Conversation.

Table Relationships (Foreign Keys)

tbl_Conversation has no relationships specified with other tables.

Additional relationships with tbl_Conversation are defined in the following tables:

tbl_NotificationDeviceConversation

tbl_UserSubscriber

tbl_UserSubscriber

tbl_CallAction

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Conversation:

Name	Object Type	Description
vw_Conversation	View	A subscriber or routable conversation and its localized name based on the language code.
csp_ConversationCreate	Stored Procedure	Creates a new Conversation object by inserting a new row into tbl_Conversation. This procedure is not used by clients. It is used to create default conversations during installation.
csp_ConversationDelete	Stored Procedure	Deletes a Conversation from tbl_Conversation as specified by the @TextName parameter.
csp_ConversationModify	Stored Procedure	Updates the attributes of a Conversation object based on the values passed in via the parameters. The @TextName parameter identifies the Conversation object that is updated.

Table Triggers

No triggers are specified for tbl_Conversation.

Column Properties

CnvCallHandlerAfterGreeting

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	Values: 0: The conversation cannot be a destination for after a greeting is played. 1: The conversation can be a destination for after a greeting is played.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvCallHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	Values: 0: The conversation cannot be the destination for a call after a caller leaves a message for a call handler. 1: The conversation can be the destination for a call after a caller leaves a message for a call handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvCallHandlerCallerInput

Property Name	Value
Description:	A flag indicating whether the conversation can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvDirectoryHandlerExit

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses * to exit.
Notes:	Values: 0: The conversation cannot be the destination for a call when a caller presses * to exit a directory handler. 1: The conversation can be the destination for a call when a caller presses * to exit a directory handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvDirectoryHandlerNoInput

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller does not respond to the name entry prompt.
Notes:	Values: 0: The conversation cannot be the destination for a call when the caller does not respond to the name entry prompt for a directory handler. 1: The conversation can be the destination for a call when the caller does not respond to the name entry prompt for a directory handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvDirectoryHandlerNoSelection

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.
Notes:	Values: 0: The conversation cannot be the destination for a call from a directory handler when the caller does not make a selection to a matching name. 1: The conversation can be the destination for a call from a directory handler when the caller does not make a selection to a matching name.
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvDirectoryHandlerZeroExit

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses the zero ("0") key.
Notes:	Values: 0: The conversation cannot be the destination for a call when a caller presses zero to exit a directory handler. 1: The conversation can be the destination for a call when a caller presses zero to exit a directory handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvInterviewHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the interview handler.
Notes:	Values: 0: The conversation cannot be the destination for a call after a caller leaves a message for a interview handler. 1: The conversation can be the destination for a call after a caller leaves a message for a interview handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvRoutingRuleDirectCall

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination in a call routing rule for a direct call.
Notes:	Values: 0: The conversation cannot be a destination in a call routing rule for a direct call. 1: The conversation can be a destination in a call routing rule for a direct call.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvRoutingRuleForwardedCall

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination in a call routing rule for a forwarded call.
Notes:	Values: 0: The conversation cannot be a destination in a call routing rule for a forwarded call. 1: The conversation can be a destination in a call routing rule for a forwarded call.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvSubscriberAfterGreeting

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call, after a subscriber greeting is played.
Notes:	Values: 0: The conversation cannot be a destination for after a subscriber greeting is played. 1: The conversation can be a destination for after a subscriber greeting is played.
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvSubscriberAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for a subscriber.
Notes:	Values: 0: The conversation cannot be the destination for a call after a caller leaves a message for a subscriber. 1: The conversation can be the destination for a call after a caller leaves a message for a subscriber.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvSubscriberCallerInput

Property Name	Value
Description:	A flag indicating whether the conversation can be assigned to user input keys for a subscriber greeting.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvSubscriberExit

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination when exiting a subscriber conversation.
Notes:	Values: 0: The conversation cannot be used as an exit destination from a subscriber conversation. 1: The conversation can be used as an exit destination from a subscriber conversation.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvSubscriberMainConv

Property Name	Value
Description:	A flag indicating whether the conversation can be used as a subscriber main conversation.
Notes:	Values: 0: The conversation cannot be used as a subscriber main conversation. 1: The conversation can be used as a subscriber main conversation.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConversationName

Property Name	Value
Description:	The name of the conversation that can be used to identify a conversation. A subscriber uses this for message retrieval, sending, and setup; or the target of a call routing rule.
Notes:	Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity 4.0(4), valid values of subscriber conversations for the ConversationName column were: <ul style="list-style-type: none"> * SubMenu - Standard Cisco Unity Connection subscriber conversation. * SubMenuOpt1 - The "optional conversation 1." * ConvHotel - Special hotel guest conversation that can used with the "Bellhop" package. * ConvCVM - Special conversation for the Community Voice Mail project. Not used in normal Cisco Unity Connection deployments.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ConversationName

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsVui

Property Name	Value
Description:	A flag indicating whether the conversation is a VUI conversation.
Notes:	Values: 0: Not a VUI conversation 1: Is a VUI conversation
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresCallHandler

Property Name	Value
Description:	A flag indicating whether a call handler object is required as input to the conversation.
Notes:	Values: 0: A call handler is not required. 1: A call handler is required as input to the conversation.
Business Rules:	Only one type of object can be required as input to the conversation.

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresDirectoryHandler

Property Name	Value
Description:	A flag indicating whether a directory handler object is required as input to the conversation.
Notes:	Values: 0: A directory handler is not required. 1: A directory handler is required as input to the conversation.
Business Rules:	Only one type of object can be required as input to the conversation.
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresInterviewHandler

Property Name	Value
Description:	A flag indicating whether a interview handler object is required as input to the conversation.
Notes:	Values: 0: A interview handler is not required. 1: A interview handler is required as input to the conversation.
Business Rules:	Only one type of object can be required as input to the conversation.
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresSubscriber

Property Name	Value
Description:	A flag indicating whether a subscriber object is required as input to the conversation.
Notes:	Values: 0: A subscriber object is not required. 1: A subscriber object is required as input to the conversation.
Business Rules:	Only one type of object can be required as input to the conversation.
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TextName

Property Name	Value
Description:	Localization key used to lookup the localized name in tbl_LocalizedText.
Notes:	The naming convention is to use as a key "Conversation.Name.<convname>". So for the greeting conversation this would be "Conversation.Name.Greeting".
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Conversation
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (192 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII)
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	192 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.14. tbl_Cos

A collection of service privileges for subscribers that control access to features and use of the system into classes. Class Of Service objects determine which features a subscriber is licensed to use, the maximum length of their greetings and messages, what numbers they are allowed to dial, and what options are available to the subscriber among other things.

Additional Information

Administrative privileges that in previous versions of Cisco Unity Connection were included in the COS have been removed. Administrative privileges are now handled via roles and privileges instead.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a COS object.	ObjectID
	AccessAdvancedUserFeatures	smallint (2 bytes)	False	A flag indicating whether or not the subscriber has access to advanced user features. Currently, there are two advanced user features: TTS and VUI.	Bool
	AccessCallRoutingRules	smallint (2 bytes)	False	A flag indicating whether a subscriber assigned this COS can access personal call routing rules.	Bool
	AccessFaxMail	smallint (2 bytes)	False	A flag indicating whether a subscriber assigned this COS is allowed to manage their fax messages over the phone or from the Cisco Unity Connection Inbox.	Bool
	AccessIMAP	smallint (2 bytes)	False	A flag indicating whether a subscriber assigned this COS can access VM via an IMAP client.	Bool
	AccessLiveReply	smallint (2 bytes)	False	A flag indicating whether a subscriber assigned this COS can after listening to a message from another subscriber press 4-4, and Cisco Unity Connection will call the subscriber who left the message. Generally referred to as "Live Reply."	Bool
	AccessTts	smallint (2 bytes)	False	A flag indicating whether a subscriber assigned this COS can have to their e-mail messages read to them by an e-mail reader over the phone.	Bool
	AccessUnifiedClient	smallint (2 bytes)	False	A flag indicating whether a subscriber can use the unified client.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	AccessVmi	smallint (2 bytes)	False	A flag indicating whether a subscriber assigned this COS can use the Cisco Unity Connection Inbox to listen to, compose, reply to, forward, and delete voice messages. If the subscriber has "AccessFaxMail" set, they can also use it to manage their faxes. This is a licensed feature.	Bool
	AccessVui	smallint (2 bytes)	False	A flag indicating whether a subscriber assigned this COS can use the voice driven inbox conversation.	Bool
	CallHoldAvailable	smallint (2 bytes)	False	A flag indicating whether the subscriber has the ability to change their own call holding options by using the Cisco Unity Connection Assistant. Call holding settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.	Bool
	CallScreenAvailable	smallint (2 bytes)	False	A flag indicating whether the subscriber has the ability to change their own call screening options by using the Cisco Unity Assistant. Call screening settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.	Bool
	CanRecordName	smallint (2 bytes)	False	A flag indicating whether the subscriber can record their own name.	Bool
	CanSendToPublicDI	smallint (2 bytes)	False	A flag indicating whether the subscriber can send messages to system (formerly called "public") distribution lists.	Bool
	DisplayName	nvarchar (64 characters)	False	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	EnableEnhancedSecurity	smallint (2 bytes)	False	A flag indicating whether the subscriber uses regular or enhanced phone security. Enhanced phone security adds RSA two-factor authentication to regular security.	Bool
FK	FaxRestrictionObjectId	char (36 characters)	False	The unique identifier for the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in fax dialing settings.	ObjectID
	ImapCanFetchMessageBody	smallint (2 bytes)	False	A flag indicating whether the subscriber can fetch the body of a non-private message using IMAP.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	ImapCan- FetchPrivateMessage- Body	smallint (2 bytes)	False	A flag indicating whether the subscriber can fetch the body of a private message using IMAP.	Bool
	ListInDirectoryStatus	smallint (2 bytes)	False	A flag indicating whether subscribers can choose to be listed or not in the phone directory. The phone directory (directory assistance) is the audio listing that subscribers and unidentified callers use to reach subscribers and to leave messages.	Bool
FK	LocationObjectId	char (36 characters)	False	The unique identifier of the LocationVMS to which this COS belongs.	ObjectID
	MaxGreetingLength	int (4 bytes)	False	The maximum recording length (in seconds) allowed to the subscriber for recording their greeting.	
	MaxMembersPVL	int (4 bytes)	False	The maximum number of members allowed in a personal voice mail list.	
	MaxMsgLength	int (4 bytes)	False	The maximum recording length (in seconds) allowed to the subscriber for recording messages and conversations.	
	MaxNameLength	int (4 bytes)	False	The maximum recording length (in seconds) allowed to the subscriber for recording their voice name.	
	MaxPrivateDlists	smallint (2 bytes)	False	The maximum number of personal voice mail lists the subscriber is allowed to create.	
	MovetoDeleteFolder	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection moves deleted messages for the subscriber to a Deleted Items folder or physically deletes the message. True='deletion' moves messages to the DeletedItems folder, where it ages until it evaporates. False='deletion' physically deletes the message	Bool
FK	OutcallRestrictionOb- jectId	char (36 characters)	False	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in message delivery settings. The restriction table also restricts the subscriber extensions that Cisco Unity Connection dials when the phone is selected as the recording and playback device for the Media Master.	ObjectID
	PersonalAdministrator	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection allows a subscriber to use the Cisco Unity Assistant to personalize their Cisco Unity Connection setting -- including their recorded greetings and message delivery options -- or to set up message notification devices and create private lists.	Bool
	ReadOnly	smallint (2 bytes)	False	A flag indicating that this COS is read only. It cannot be modified from the SA.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	RequireSecureMessages	int (4 bytes)	False	Specifies when to mark message secure	RequireSecureMessages
	SendBroadcastMessage	smallint (2 bytes)	False	A flag indicating whether the subscriber has the ability to send broadcast messages to all subscribers on the VMS.	Bool
	UaAlternateExtensionAccess	smallint (2 bytes)	False	The abilities a subscriber has to manage administer-defined alternate extensions assigned to the subscriber. Determines whether subscribers can view the administrator-defined alternate extensions, and whether subscribers can manage (add, modify, and delete) their own set of alternate extensions in the Cisco Unity Assistant. If enabled, subscribers can define up to 5 alternate extensions in addition to the 9 alternate extensions that an administrator can define for them.	UaAlternateExtension
	Undeetable	smallint (2 bytes)	False	A flag indicating whether this COS can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UpdateBroadcastMessage	smallint (2 bytes)	False	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.	Bool
	WarnIntervalMsgEnd	int (4 bytes)	False	The amount of time (in milliseconds) before the end of the maximum recording time when Cisco Unity Connection will play a warning tone or WAV file to indicate to the caller that they are almost out of recording time.	
	WarnMinMsgLength	int (4 bytes)	False	The minimum length (in milliseconds) that the maximum recording time has to be before the record termination warning feature is active. When the record termination feature is active, Cisco Unity Connection plays a warning tone indicating to the caller that they are almost out of recording time.	
FK	XferRestrictionObject-Id	char (36 characters)	False	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in call transfer settings.	ObjectID

Table Keys

CK_tbl_Cos_DisplayName

Property Name	Value
Description:	Uniquely identifies the name of a COS in tbl_Cos.

Property Name	Value
Type:	Candidate
Column(s):	DisplayName
Clustered?	False
Constraint Error String:	Duplicate COS name.

PK_tbl_Cos

Property Name	Value
Description:	Uniquely identifies a class of service in this table and exclusively represents this class of service throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate COS. A COS with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Cos.

Table Ad-Hoc Constraints

AdvancedFeatures

Property Name	Value
Description:	Advanced features must be enabled for a user before either TTS or VUI may be enabled.
Notes:	
Developer Notes:	
Business Rules:	AccessTTS and AccessVUI require that AccessAdvancedUserFeatures be true.
Constraint Error String:	The licensed feature Allow Users To Access Voice Recognition or Text to Speech for Email must be enabled before either of the features Allow Users to Use Voice Recognition or Allow Users to Use TTS to Read E-Mail can be enabled.

Table Relationships (Foreign Keys)

tbl_Cos has the following relationships with other tables:

tbl_Cos.FaxRestrictionObjectId (0..*) ----- (1..1) tbl_RestrictionTable.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Cos_FaxRestrictionObjectId_tbl_RestrictionTable_ObjectId

Property Name	Value
Description:	Each COS must have one restriction table for specifying allowed fax delivery phone numbers. Each fax restriction table may apply to one or more COS.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Cos and tbl_RestrictionTable linked by the foreign key FaxRestrictionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a fax restriction table to which this COS is assigned or to assign this COS to a nonexistent fax restriction table.

tbl_Cos.LocationObjectId (0..*) ----- (1..1) tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Cos_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each COS must belong to one LocationVMS. Each LocationVMS may be the owner of one or more COS.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Cos and tbl_LocationVMS linked by the foreign key LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the location to which this COS belongs or to assign this COS to a nonexistent location.

tbl_Cos.OutcallRestrictionObjectId (0..*) ----- (1..1) tbl_RestrictionTable.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Cos_OutcallRestrictionObjectId_tbl_RestrictionTable_ObjectId
Description:	Each COS must have one restriction table for specifying which phone numbers a subscriber is not allowed to dial. An outcall restriction table may apply to one or more COS.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Cos and tbl_RestrictionTable linked by the foreign key OutcallRestrictionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a outdial restriction table to which this COS is assigned or to assign this COS to a nonexistent outdial restriction table.

tbl_Cos.XferRestrictionObjectId (0..*) ----- (1..1) tbl_RestrictionTable.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Cos_XferRestrictionObjectId_tbl_RestrictionTable_ObjectId
Description:	Each COS must have one restriction table for specifying which phone numbers a call can be transferred to. A transfer restriction table may apply to one or more COS.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Cos and tbl_RestrictionTable linked by the foreign key XferRestrictionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a transfer restriction table to which this COS is assigned or to assign this COS to a nonexistent transfer restriction table.

Additional relationships with tbl_Cos are defined in the following tables:

[tbl_DirectoryHandler](#)

[tbl_Agency](#)

[tbl_User](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Cos:

Name	Object Type	Description
vw_Cos	View	A simple view for tbl_Cos.
vw_Cos_Licensed	View	A feature for a subscriber that are under license control.
vw_Cos_List	View	The basic attributes of a COS used for retrieving a list of COSes.
csp_CosCreate	Stored Procedure	Creates a collection of service privileges (Class Of Service) for subscribers that control access to features and use of the system by inserting a new row into tbl_COS.

Name	Object Type	Description
csp_CosDelete	Stored Procedure	Deletes a COS object from tbl_Cos as specified by the @ObjectId parameter.
csp_CosModify	Stored Procedure	Updates the attributes of a COS object based on the values passed in via the parameters. The @ObjectId parameter identifies the COS object that is updated.

Table Triggers

No triggers are specified for tbl_Cos.

Column Properties

AccessAdvancedUserFeatures

Property Name	Value
Description:	A flag indicating whether or not the subscriber has access to advanced user features. Currently, there are two advanced user features: TTS and VUI.
Notes:	Values: 0: The Subscriber can not access advanced user features. 1: The Subscriber can access advanced user features.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos , vw_Cos , vw_Cos_Licensed
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessCallRoutingRules

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can access personal call routing rules.
Notes:	Values: 0: Cannot access personal call routing rules 1: Can access personal call routing rules
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessFaxMail

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS is allowed to manage their fax messages over the phone or from the Cisco Unity Connection Inbox.
Notes:	Future feature, 3rd-party fax is not supported in Cisco Unity Connection. Values: 0: Do not allow access to fax mail 1: Allow access to fax mail To allow subscribers to have their e-mail messages delivered to a fax machine, both this column and "AccessTts" must be set to "1."
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessIMAP

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can access VM via an IMAP client.
Notes:	Values: 0: Cannot access voice mail via IMAP 1: Can access voice mail via IMAP
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos , vw_Cos_Licensed
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessLiveReply

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can after listening to a message from another subscriber press 4-4, and Cisco Unity Connection will call the subscriber who left the message. Generally referred to as "Live Reply."
Notes:	Values: 0: Cannot "live reply" to another subscriber 1: Can "live reply" to another subscriber after listening to message from another subscriber
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessTts

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can have to their e-mail messages read to them by an e-mail reader over the phone.
Notes:	<p>Values:</p> <p>0: Cannot have e-mail messages read over the phone</p> <p>1: Can have e-mail messages read over the phone</p> <p>To allow subscribers to have their e-mail messages delivered to a fax machine, both this column and "AccessFaxMail" must be set to "1."</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessUnifiedClient

Property Name	Value
Description:	A flag indicating whether a subscriber can use the unified client.
Notes:	Values: 0: Cannot access voice mail using unified client 1: Can access voice mail using unified client
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessVmi

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can use the Cisco Unity Connection Inbox to listen to, compose, reply to, forward, and delete voice messages. If the subscriber has "AccessFaxMail" set, they can also use it to manage their faxes. This is a licensed feature.
Notes:	Values: 0: Cannot use Cisco Unity Connection Inbox 1: Can use Cisco Unity Connection Inbox
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos , vw_Cos_Licensed
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessVui

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can use the voice driven inbox conversation.
Notes:	Values: 0: Cannot use the voice driven inbox conversation 1: Can use the voice driven inbox conversation
Business Rules:	
Developer Notes:	This needs to show up in the Features page of COS in the SA. This will likely be visible/hidden in the COS on the SA based on if ASR is licensed or not - we're still running that down.
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHoldAvailable

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to change their own call holding options by using the Cisco Unity Connection Assistant. Call holding settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.
Notes:	Values: 0: Cannot change call holding settings via Cisco Unity Assistant 1- Can change call holding settings via Cisco Unity Assistant

Property Name	Value
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallScreenAvailable

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to change their own call screening options by using the Cisco Unity Assistant. Call screening settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.
Notes:	Values: 0: Cannot change call screening settings via Cisco Unity Assistant 1- Can change call screening settings via Cisco Unity Assistant
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CanRecordName

Property Name	Value
Description:	A flag indicating whether the subscriber can record their own name.
Notes:	Used to prevent subscribers from recording their own names (for example, if an organization has all names and greetings recorded in one voice). Values: 0: Cannot record their name 1: Can record their name
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CanSendToPublicDI

Property Name	Value
Description:	A flag indicating whether the subscriber can send messages to system (formerly called "public") distribution lists.
Notes:	Values: 0: Cannot send messages to system distribution lists 1: Can send messages to system distribution lists
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	DisplayName is a required when creating a new COS.
Developer Notes:	
Occurrences In Views:	vw_Cos , vw_Cos_Licensed , vw_Cos_List
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableEnhancedSecurity

Property Name	Value
Description:	A flag indicating whether the subscriber uses regular or enhanced phone security. Enhanced phone security adds RSA two-factor authentication to regular security.
Notes:	Values: 0: Regular security 1: Enhanced phone security (RSA two-factor security)
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

FaxRestrictionObjectId

Property Name	Value
Description:	The unique identifier for the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in fax dialing settings.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ImapCanFetchMessageBody

Property Name	Value
Description:	A flag indicating whether the subscriber can fetch the body of a non-private message using IMAP.

Property Name	Value
Notes:	Values: 0: Cannot fetch message body of non-private messages. 1: Using IMAP, subscriber can fetch message body of non-private messages.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ImapCanFetchPrivateMessageBody

Property Name	Value
Description:	A flag indicating whether the subscriber can fetch the body of a private message using IMAP.
Notes:	Values: 0: Cannot fetch message body of private messages. 1: Using IMAP, subscriber can fetch message body of private messages.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ListInDirectoryStatus

Property Name	Value
Description:	A flag indicating whether subscribers can choose to be listed or not in the phone directory. The phone directory (directory assistance) is the audio listing that subscribers and unidentified callers use to reach subscribers and to leave messages.
Notes:	Values: 0: Cannot choose whether or not to be listed in phone directory 1: Can choose whether or not to be listed in phone directory
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS to which this COS belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxGreetingLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording their greeting.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	90
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

MaxMembersPVL

Property Name	Value
Description:	The maximum number of members allowed in a personal voice mail list.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	99
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	999

MaxMsgLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording messages and conversations.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	300
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	3600

MaxNameLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording their voice name.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	30
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

MaxPrivateDlists

Property Name	Value
Description:	The maximum number of personal voice mail lists the subscriber is allowed to create.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	25
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	99

MovetoDeleteFolder

Property Name	Value
Description:	<p>A flag indicating whether Cisco Unity Connection moves deleted messages for the subscriber to a Deleted Items folder or physically deletes the message.</p> <p>True='deletion' moves messages to the DeletedItems folder, where it ages until it evaporates. False='deletion' physically deletes the message</p>

Property Name	Value
Notes:	<p>When this column is set to "1," a subscriber can:</p> <ul style="list-style-type: none"> * Use the phone and the Cisco Unity Connection Inbox (as applicable) to permanently delete messages stored in their Deleted Items folder. * Use the phone and the Cisco Unity Connection Inbox to listen to, reply to, or forward messages in their Deleted Items folder, or to restore them to the Inbox. <p>Values:</p> <p>0: Deleted messages are not moved to a Deleted Items folder, rather they are permanently deleted.</p> <p>1: Deleted messages are moved to a Deleted Items folder.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a COS object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_Cos , vw_Cos_Licensed , vw_Cos_List
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OutcallRestrictionObjectld

Property Name	Value
Description:	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in message delivery settings. The restriction table also restricts the subscriber extensions that Cisco Unity Connection dials when the phone is selected as the recording and playback device for the Media Master.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalAdministrator

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows a subscriber to use the Cisco Unity Assistant to personalize their Cisco Unity Connection setting -- including their recorded greetings and message delivery options -- or to set up message notification devices and create private lists.
Notes:	Values: 0: Cannot use Cisco Unity Assistant 1: Can use Cisco Unity Assistant
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ReadOnly

Property Name	Value
Description:	A flag indicating that this COS is read only. It cannot be modified from the SA.
Notes:	Values: 0: Can modify this COS. 1: Cannot modify this COS.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequireSecureMessages

Property Name	Value
Description:	Specifies when to mark message secure
Notes:	Values: 1: Always mark secure 2: Never mark secure 3: Ask 4: Set private messages secure
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	RequireSecureMessages
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendBroadcastMessage

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to send broadcast messages to all subscribers on the VMS.
Notes:	Values: 0: Cannot send broadcast messages. 1: Can send broadcast messages.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

UaAlternateExtensionAccess

Property Name	Value
Description:	The abilities a subscriber has to manage administer-defined alternate extensions assigned to the subscriber. Determines whether subscribers can view the administrator-defined alternate extensions, and whether subscribers can manage (add, modify, and delete) their own set of alternate extensions in the Cisco Unity Assistant. If enabled, subscribers can define up to 5 alternate extensions in addition to the 9 alternate extensions that an administrator can define for them.
Notes:	Values: 0: No access - subscriber cannot view or manage alternate extensions. 1: Read access - subscriber can view administrator-defined alternate extensions. 2: CUD access - subscriber can manage (create, modify, and delete) their own subscriber-defined alternate extensions. 3: CRUD access - subscriber can view administrator-defined alternate extensions and manage (create, modify, and delete) their own subscriber-defined alternate extensions.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	UaAlternateExtension
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this COS can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.

Property Name	Value
Notes:	Values: 0: COS can be deleted 1: COS cannot be deleted
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UpdateBroadcastMessage

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	Values: 0: Cannot update broadcast messages. 1: Can update broadcast messages.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WarnIntervalMsgEnd

Property Name	Value
Description:	The amount of time (in milliseconds) before the end of the maximum recording time when Cisco Unity Connection will play a warning tone or WAV file to indicate to the caller that they are almost out of recording time.
Notes:	<p>This column works together with the WarnMinMsgLength column enabling the record termination warning feature. If the feature is enabled by the settings of these two columns, callers will hear a warning tone sound before the maximum message length is reached.</p> <p>Call termination warning only works with the Unified Communications Manager integration.</p> <p>Values: 0: Record termination warning disabled 1-60000: The number of milliseconds from the end of the maximum recording time when the record termination warning tone is played.</p>
Business Rules:	
Developer Notes:	This is currently a system-wide registry setting that can be changed using the "Advanced Setting Tool." To meet accessibility requirements in Cisco Unity Connection, this setting must be able to be applied to a group of subscribers as well as per subscriber.
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	30000

WarnMinMsgLength

Property Name	Value
Description:	The minimum length (in milliseconds) that the maximum recording time has to be before the record termination warning feature is active. When the record termination feature is active, Cisco Unity Connection plays a warning tone indicating to the caller that they are almost out of recording time.

Property Name	Value
Notes:	<p>This column works together with the WarnIntervalMsgEnd column enabling the record termination warning feature. If the feature is enabled by the settings of these two columns, callers will hear a warning tone sound before the maximum message length is reached.</p> <p>For instance, if the maximum recording time for a message is set to 30 seconds, you wouldn't want the record termination warning playing after only 10 seconds (or 20 seconds before the limit of 30 seconds).</p> <p>Call termination warning only works with the Unified Communications Manager integration.</p> <p>Values: 0: Record termination warning disabled 1-60000: The number of milliseconds from the end of the maximum recording time when the record termination warning tone is played.</p>
Business Rules:	
Developer Notes:	This is currently a system-wide registry setting that can be changed using the "Advanced Setting Tool." To meet accessibility requirements in Cisco Unity Connection, this setting must be able to be applied to a group of subscribers as well as per subscriber.
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	99999

XferRestrictionObjectld

Property Name	Value
Description:	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in call transfer settings.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Cos
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.15. tbl_Credential

A password or PIN used for authenticating users to enable access to the system via the phone or a GUI client such as the Cisco Unity Connection Administration or Cisco Personal Assistant (CPCA).

Additional Information

Users may have multiple sets of credentials. For example, a user may have one set of credentials for performing administrative tasks and another set of credentials to access their voice mail subscription.

This table contains a mapping of credentials with a unique user ID on the local VMS. When a user attempts to gain access to the system whether via the phone client or a GUI client such as CPCA, a search is made of the table for the ID. If no user object is found, or the credentials entered don't match those in the table, the user is denied entry. Every user on the system will have an entry in this table regardless of if they have a voice mail subscription, or an administrative role. Please note that Remote Contacts (a directory object that represents a mailbox on a foreign voice messaging system) is not a user since they do not receive messages on the Unity voice messaging system.

The following note is retained for when Unity once again will integrate with Exchange and Domino.

In the case of Exchange/Active Directory, the SID of the user's account is used, in the case of Domino, the Lotus UNID value is used as the unique identifier of the user for GUI client access.

In Unity 3.x versions the table used for this was called SIDHistory.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	CredentialType	int (4 bytes)	False	The type of credential such as password, PIN, Windows or Domino credential.	Credential-Type
PK, FK	UserObjectId	char (36 characters)	False	The unique identifier of the User object to which this credential belongs.	ObjectID
	CantChange	smallint (2 bytes)	False	A flag indicating whether the user can set this credential.	Bool
FK	CredentialPolicyObjectId	char (36 characters)	False	The unique identifier of the CredentialPolicy object that is associated with this credential.	ObjectID
	Credentials	varchar (254 characters)	True	The PIN or password, for a user. The credentials are stored in an encrypted format.	Credentials
	CredMustChange	smallint (2 bytes)	False	A flag indicating whether the user must change their credentials (PIN or password) at the next login.	Bool
	DoesntExpire	smallint (2 bytes)	False	A flag indicating whether this user credential will expire, and therefore the user must change the credential periodically. However, if the credential does not expire (value = "1"), the user still may change the credential (if allowed by CantChange).	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	EncryptionType	int (4 bytes)	False	Type of encryption that was used to generate the credentials.	Encryption-Type
	HackCount	int (4 bytes)	False	The number of logons attempted that failed due to invalid credentials. The Unity system or external authentication provider determined that the credentials supplied as part of a user logon attempt were invalid.	
	IsPrimary	smallint (2 bytes)	False	A flag indicating whether this credential is mapped to the user NT/AD domain account and as such is designated as the 'primary' credential for the user. This column is not currently used, but is retained from Unity 4.x in case it is needed in the future.	Bool
	ObjectId	char (36 characters)	False	Surrogate key to support IMS	ObjectID
	TimeChanged	datetime (8 bytes)	False	The date and time when the credentials were last changed. The date and time is recorded in this column whenever a user credential is created or changed.	
	TimeHacked	datetime (8 bytes)	True	The date and time that the credential was locked due to too many hacks. The date and time is recorded in this column whenever a user credential is locked due to too many hacks based on the credential policy.	
	TimeLastHack	datetime (4 bytes)	True	The date and time of the last logon attempt with an invalid user credential.	
	TimeLockout	datetime (8 bytes)	True	The date and time that the credential was locked by an administrator.	

Table Keys

CK_tbl_Credential_ObjectId

Property Name	Value
Description:	ObjectId must be unique
Type:	Candidate
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate credential. A credential with that unique identifier already exists.

PK_tbl_Credential

Property Name	Value
Description:	Uniquely identifies a combination of a User and their Credentials in this table and exclusively represents that particular combination throughout the database.

Property Name	Value
Type:	Primary
Column(s):	CredentialType , UserObjectId
Clustered?	True
Constraint Error String:	Duplicate credential for this user. A password for this type of credential (Web Application or Voice Mail) exists for this user.

Table Indexes

No indexes are specified for tbl_Credential.

Table Ad-Hoc Constraints

CantChange_ValueNotValidWithValueOf_CredMustChange

Property Name	Value
Description:	Enforces data integrity by limiting the values that can be placed in the CantChange and CredMustChange columns.
Notes:	
Developer Notes:	
Business Rules:	A user can't be required to change their credential if they are NOT allowed to change their credentials.
Constraint Error String:	This user need not change their credential since they are not allowed to change their credential.

Table Relationships (Foreign Keys)

tbl_Credential has the following relationships with other tables:

tbl_Credential.CredentialPolicyObjectId (0..*) -----(1..1) tbl_CredentialPolicy.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Credential_CredentialPolicyObjectId_tbl_CredentialPolicy_ObjectId
Description:	Each credential must be assigned to one credential policy. Each credential policy may specify the credential policy for one or more credentials.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Credential and tbl_CredentialPolicy linked by the foreign key CredentialPolicyObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to either delete the authentication rule to which this credential is assigned or to assign this credential to a nonexistent authentication rule.

tbl_Credential.UserObjectId (0..*) ----- (1..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Credential_UserObjectId_tbl_User_ObjectId
Description:	Each credential is owned by one user. A user may have one or more credentials.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Credential and tbl_User linked by the foreign key UserObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the user to which this credential belongs or to designate a nonexistent user as the owner of this credential.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Credential:

Name	Object Type	Description
vw_Credential	View	A credential (password or PIN) used for authenticating users to enable access to the system via the phone or a GUI client such as the Cisco Unity Connection Administration or Cisco Personal Assistant (CPCA).
csp_CredentialCreate	Stored Procedure	Creates new Credential object for a user by inserting a new row into tbl_Credential. When a new credential is created, this procedure will also create a new UserCredentialHistory object for the respective user by inserting a new row in tbl_UserCredentialHistory for the respective user. This is done by executing csp_private_UserCredentialHistoryCreate. To change the properties of a user's credential, see csp_CredentialModify.
csp_CredentialDelete	Stored Procedure	Deletes a user's Credential object from tbl_Credential as specified by the @ObjectId parameter.
csp_CredentialModify	Stored Procedure	Updates the attributes of a Credential object based on the values passed in via the parameters. The @CredentialType and @UserObjectId parameters identify the Credential object that is updated.
csp_CredentialModifyUser	Stored Procedure	Updates the Credentials of a Credential object based on the values passed in via the parameters. The @CredentialType and @UserObjectId parameters identify the Credential object that is updated.

Name	Object Type	Description
csp_CredentialUserCanModifyCheck	Stored Procedure	Determines whether a user can modify his/her credential.
csp_CredentialUserMustModifyCheck	Stored Procedure	Determines whether or not a user must modify his/her credential.
csp_CredentialValidate	Stored Procedure	Performs credential validation so that a client may test to see if a credential is valid before attempting to set it.

Table Triggers

No triggers are specified for tbl_Credential.

Column Properties

CantChange

Property Name	Value
Description:	A flag indicating whether the user can set this credential.
Notes:	Most organizations normally want to allow users to set their credentials. However, there are cases where this may not be desired. For example, when more than one user has access to the same account, an administrator can set the password/PIN and not allow the users to change it. Values: 0: User can change credential 1: User cannot change credential
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CredentialPolicyObjectId

Property Name	Value
Description:	The unique identifier of the CredentialPolicy object that is associated with this credential.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Credentials

Property Name	Value
Description:	The PIN or password, for a user. The credentials are stored in an encrypted format.
Notes:	A user may have multiple sets of credentials. For example, a user may have one set of credentials for accessing their voice mail subscription via the phone (i.e., PIN) and a different set of credentials (i.e., password) for accessing their voice mail subscription via a GUI client such as CPCA. Or a user may have a set of Windows credentials.
Business Rules:	<ul style="list-style-type: none"> * A value of NULL indicates that the credential has not been initialized. In other words, it is disabled. A value of NULL does NOT mean that the value of the credential == blank. * TUI credentials (i.e., DTMF) can contain only digits 0-9. Reg Ex: [0-9]+\$ * GUI credentials can contain any alphanumeric ASCII character and all ASCII special characters. (See "Reg Ex" description.) <p>Regex=^[a-zA-Z0-9`~!@#%&^**(\)\-_\+=\[\]\{\}\ \\ ;:'",\.\^?<> s]+\$</p> <p>Desc=ASCII only. Any alphanumeric character. The following special characters: ~!@#%&^&*()_+ = - { } \ : " ' ; < > ? / . ,)</p>
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Credentials

Property Name	Value
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CredentialType

Property Name	Value
Description:	The type of credential such as password, PIN, Windows or Domino credential.
Notes:	A user may have multiple types of credentials. The default value represents a PIN credential. Values: 1: Windows credential. 2: Domino credential. 3: Password (such as would be used with a GUI client). 4: PIN (as would be used over the phone via the TUI).
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	True
Allow Null:	False
Default Value:	4
Custom Type:	CredentialType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CredMustChange

Property Name	Value
Description:	A flag indicating whether the user must change their credentials (PIN or password) at the next login.

Property Name	Value
Notes:	<p>This column is used to force a user to change their credentials such as changing their default phone PIN or GUI client password at login during first-time enrollment, or on a regularly scheduled basis as part of a recommended security policy, or when an administrator changes the PIN or password at the user's request to a value known by the user.</p> <p>Values: 0: User does not have to change credential 1: User must change credential</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DoesntExpire

Property Name	Value
Description:	A flag indicating whether this user credential will expire, and therefore the user must change the credential periodically. However, if the credential does not expire (value = "1"), the user still may change the credential (if allowed by CantChange).
Notes:	<p>The scope of this setting is per credential. It enables an administrator to disable credential expiration on a per credential/user basis while maintaining a credential expiration policy for all users on the system. For example, this can be used for low security accounts, or for accounts that can be accessed by more than one user (future requirement).</p> <p>Values: 0: Credential does expire 1: Credential does not expire</p>
Business Rules:	A value of '0' (false) means the expiration of the credential is controlled by the value of tbl_CredentialPolicy->MaxDays.
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EncryptionType

Property Name	Value
Description:	Type of encryption that was used to generate the credentials.
Notes:	Values: 0: Unknown encryption method 1: MD5 hash 2: SHA1 hash 3: IMS generated hash 4: Reversible encryption used 5: No encryption
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	EncryptionType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

HackCount

Property Name	Value
Description:	The number of logons attempted that failed due to invalid credentials. The Unity system or external authentication provider determined that the credentials supplied as part of a user logon attempt were invalid.
Notes:	The HackCount column is cleared (i.e., reset to a value of 0) when the number of minutes expires as specified in the tbl_CredentialPolicy.HackResetTime column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this credential is mapped to the user NT/AD domain account and as such is designated as the 'primary' credential for the user. This column is not currently used, but is retained from Unity 4.x in case it is needed in the future.
Notes:	<p>Currently IsPrimary column is not used. However, in the future it may be necessary once again to have the ability to map a user account with a domain account.</p> <p>In Unity 4.x, when Unity creates a subscriber, Unity automatically creates a mapping between the subscriber account and the subscriber Windows domain account. This is called a 'primary' link and IsPrimary column is set to true. The subscriber's Unity alias will match their AD alias. If additional links are added to that account or other accounts using the GrantUnityAccess tool, these are entered as non primary links (meaning they're alternate domain account mappings).</p>
Business Rules:	
Developer Notes:	The only practical use of the IsPrimary column data is actually used in the Credentials Viewer tool. It can show which mappings have been made manually so an administrator can edit them (or remove them all) easily without removing everyone's primary association (which should technically never be deleted).
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Surrogate key to support IMS
Notes:	The combinatoin of UserObjectId/CredentialType is the primary key, but for IMS it was simpler to have a single oid on credentials.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeChanged

Property Name	Value
Description:	The date and time when the credentials were last changed. The date and time is recorded in this column whenever a user credential is created or changed.

Property Name	Value
Notes:	Used to determine if the user needs to change their credentials when they log-in depending on their credential expiration policy setting (DoesntExpire) and their credential password policy settings (tbl_PasswordPolicy->MaxPasswordDays).
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeHacked

Property Name	Value
Description:	The date and time that the credential was locked due to too many hacks. The date and time is recorded in this column whenever a user credential is locked due to too many hacks based on the credential policy.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeLastHack

Property Name	Value
Description:	The date and time of the last logon attempt with an invalid user credential.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeLockout

Property Name	Value
Description:	The date and time that the credential was locked by an administrator.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this credential belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Credential
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.16. tbl_CredentialPolicy

A system-wide credential restriction settings for a specific credential type and a lockout policy that applies when users access Cisco Unity Connection.

Additional Information

A different credential policy can be specified for each type of credential. For example, one policy can be defined for user access via the phone using a PIN. Another policy can be defined for user access via a GUI client that takes advantage of a much larger character set in creating a strong password for extra security.

This is in it's own table since at some point down the road there will be a need to provide multiple credential policies for multiple tenants on a single VMS. Currently, however, the credential policy applies system-wide to all users residing on a VMS.

This table combines the data that in Unity 4.x was contained in the PWPolicy and AccountLockoutPolicy tables.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a CredentialPolicy object.	ObjectId
	DisplayName	nvarchar (64 characters)	False	The unique text name (e.g., "Administrator Password Policy") of the credential policy to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	ExpiryWarningDays	int (4 bytes)	False	The number of days prior to the expiration of a credential when Cisco Unity Connection begins prompting a user to change their credential upon logon, until the change is made.	
	HackResetTime	smallint (2 bytes)	False	The length of time (in minutes) after which if no failed logon attempts occur, the count of failed logon attempts is cleared.	
FK	LocationObjectId	char (36 characters)	False	The unique identifier of the Location object to which this credential policy belongs.	ObjectId
	LockoutDuration	smallint (2 bytes)	False	The length of time (in minutes) that a user who is locked out must wait until they can attempt to access the system again with this credential.	
	MaxDays	smallint (2 bytes)	False	The maximum number of days before the credential must be changed.	
	MaxHacks	smallint (2 bytes)	False	The maximum number of failed logon attempts (hacks) before action is taken.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	MinDuration	int (4 bytes)	False	The minimum number of minutes that must pass from the time of the last change before the credential can be changed.	
	MinLength	smallint (2 bytes)	False	The minimum number of characters or digits (PIN) required for the credential.	
	PrevCredCount	smallint (2 bytes)	False	The number of credentials to store.	
	TrivialCredChecking	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should check against trivial credentials for extra security.	Bool

Table Keys

CK_tbl_CredentialPolicy_DisplayName

Property Name	Value
Description:	Uniquely identifies the name of a credential policy in tbl_CredentialPolicy.
Type:	Candidate
Column(s):	DisplayName
Clustered?	False
Constraint Error String:	Duplicate authentication rule name.

PK_tbl_CredentialPolicy

Property Name	Value
Description:	Uniquely identifies a credential policy in this table and exclusively represents this credential policy throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate credential policy. A credential policy with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_CredentialPolicy.

Table Ad-Hoc Constraints

MaxGTEExpiryWarning

Property Name	Value
Description:	Expiration warning period must be less than the expiration period..
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	The warning must occur before expiration.

MinDurationLTEExpiry

Property Name	Value
Description:	Minimum duration between credential changes must be less than expiry
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	Minimum duration between credential changes must be less than expiry period.

MinDurationLTEExpiryWarning

Property Name	Value
Description:	Minimum duration between credential changes must be less than expiry warning days
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	Minimum duration between credential changes must be less than expiry warning days.

Table Relationships (Foreign Keys)

tbl_CredentialPolicy has the following relationships with other tables:

tbl_CredentialPolicy.LocationObjectId (0..*) ----- (1..1) tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_CredentialPolicy_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each credential policy belongs to one LocationVMS. Each LocationVMS may own one or more credential policies.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_CredentialPolicy and tbl_LocationVMS linked by the foreign key LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to delete the location to which this authentication rule belongs or to assign this authentication rule to a nonexistent location.

Additional relationships with `tbl_CredentialPolicy` are defined in the following tables:

[tbl_Credential](#)

Table Dependencies

The following views and/or stored procedures have dependencies on `tbl_CredentialPolicy`:

Name	Object Type	Description
vw_CredentialPolicy	View	A simple view for <code>tbl_CredentialPolicy</code> .
csp_CredentialPolicyCreate	Stored Procedure	Creates a new <code>CredentialPolicy</code> object by inserting a new row into <code>tbl_CredentialPolicy</code> . A <code>CredentialPolicy</code> object consists of system-wide credential restriction settings for a specific credentials type and a lockout policy that applies when users access Cisco Unity Connection.
csp_CredentialPolicyDelete	Stored Procedure	Deletes a <code>CredentialPolicy</code> object from <code>tbl_CredentialPolicy</code> as specified by the <code>@ObjectId</code> parameter.
csp_CredentialPolicyModify	Stored Procedure	Updates the attributes of a <code>CredentialPolicy</code> object based on the values passed in via the parameters. The <code>@ObjectId</code> parameter identifies the <code>CredentialPolicy</code> object that is updated.

Table Triggers

No triggers are specified for `tbl_CredentialPolicy`.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Administrator Password Policy") of the credential policy to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	DisplayName is a required when creating a new <code>CredentialPolicy</code> .
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ExpiryWarningDays

Property Name	Value
Description:	The number of days prior to the expiration of a credential when Cisco Unity Connection begins prompting a user to change their credential upon logon, until the change is made.
Notes:	A value of "0" means that a user will not be prompted to change their credential prior to its expiration.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

HackResetTime

Property Name	Value
Description:	The length of time (in minutes) after which if no failed logon attempts occur, the count of failed logon attempts is cleared.
Notes:	tbl_Credentials.HackCount column associated with this credential type is reset to a value of zero after this many minutes pass from the time contained in tbl_Credentials.TimeLastHack column.
Business Rules:	The count of failed logon attempts is not cleared if the number of failed logon attempts has reached the maximum number allowed and the credential is locked.
Developer Notes:	
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	30
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	120

LocationObjectID

Property Name	Value
Description:	The unique identifier of the Location object to which this credential policy belongs.
Notes:	The default value is the delivery location for this VMS.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LockoutDuration

Property Name	Value
Description:	The length of time (in minutes) that a user who is locked out must wait until they can attempt to access the system again with this credential.
Notes:	Unity allows users to access the system using this credential after the specified number of minutes has elapsed.
Business Rules:	A value of "0" means the user is locked out until the credential/account is unlocked by an administrator.
Developer Notes:	
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	30
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1440

MaxDays

Property Name	Value
Description:	The maximum number of days before the credential must be changed.
Notes:	<p>A value of "0" means the credential will never expire.</p> <p>The default value is 180 days when creating a credential policy associated with user accounts that do NOT have administrative access or privileges (i.e., normal user account with voice mail subscription).</p> <p>The default value is 120 days when creating a credential policy associated with user accounts that have administrative access and privileges.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	180
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	365

MaxHacks

Property Name	Value
Description:	The maximum number of failed logon attempts (hacks) before action is taken.
Notes:	A value of "0" means an unlimited number of logon attempts (i.e., no lockout) are allowed.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	3
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

MinDuration

Property Name	Value
Description:	The minimum number of minutes that must pass from the time of the last change before the credential can be changed.
Notes:	The purpose of this setting is to prevent multiple changes to a user credential within a short period of time. A user cannot change this credential until the currently day/time equals or exceeds the time recorded in tbl_Credential->TimeChanged for this credentialtype plus the number of minutes specified by MinDuration.
Business Rules:	A value of "0" means that there are no restrictions on how often the user can change the credential.
Developer Notes:	The max is 90 days = 129600 mins.

Property Name	Value
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	129600

MinLength

Property Name	Value
Description:	The minimum number of characters or digits (PIN) required for the credential.
Notes:	A value of "0" means a blank credential, e.g. no password or PIN is allowed.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	8
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	64

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CredentialPolicy object.

Property Name	Value
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PrevCredCount

Property Name	Value
Description:	The number of credentials to store.
Notes:	<p>Unity stores the specified number of previous credentials for a user and compares a new credential with them. Unity rejects the new credential if it matches a credential in the history. If blank credentials are allowed, this data is ignored.</p> <p>A value of "0" means that Unity does not compare a new credential with previous credentials; thus a user can reuse a credential.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	12
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	25

TrivialCredChecking

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should check against trivial credentials for extra security.
Notes:	Values: 0: Checking for trivial credentials is disabled 1: Checking for trivial credentials is enabled
Business Rules:	If blank credentials are allowed (MinLength column = 0), check against trivial credential is disabled. If enabled, Unity will verify that the credential meets the criteria as specified by the type of credential: Password (GUI): <ul style="list-style-type: none"> * It must contain 3 of the 4 allowable characteristics: <ul style="list-style-type: none"> - Upper case character - Lower case character - Number - Symbol * A character or number shall not be used more than 3 times consecutively. * Password should not repeat or include the alias, username or extension. * Password cannot consist of consecutive characters or numbers (For example: passwords such as 654321 or ABCDEFG). PIN (TUI): <ul style="list-style-type: none"> * A number shall not be used more than 2 times consecutively * PIN should not repeat or include the user's extension or mailbox, or the reverse of the user's extension or mailbox. * A PIN must contain 3 different numbers. For example, a PIN such as 121212 is trivial. * A pin shall not match the numeric representation (i.e. dial by name) of the user's first or last name. * A PIN shall not contain groups of repeated digits, e.g. 408408, 113377 or patterns that are dialed in straight line on a keypad, e.g. 2580, 159, 753.
Developer Notes:	
Occurrences In Views:	vw_CredentialPolicy
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.17. tbl_DirectoryHandler

A type of Handler object used to enable outside callers to search for subscribers by spelling their name in the case where they do not know the user's extension number. When a caller searches on a subscriber name or part of a name, a directory handler looks up the extension and routes the call to the appropriate subscriber. Formerly called "NameLookupHandler."

Additional Information

The directory handler contains settings that specify how it searches for names, what it does when it finds one or more matches, and what it does when it detects no caller input. Multiple directory handlers are possible and each can be configured to allow callers to search a different groups of users across the Cisco Unity Connection directory.

Subscribers must have recorded names to be accessed by using directory handlers.

Cisco Unity Connection comes with one default directory handler" with the alias of "directorybylastname."

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a DirectoryHandler object.	ObjectID
	AutoRoute	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will automatically route a call to the extension assigned to the subscriber on a unique match without prompting the caller to verify the match; or to present a list of matches, even if only one, and prompt the user to verify the match.	Bool
	EndDialDelay	smallint (2 bytes)	False	The amount of time (in seconds) that Cisco Unity Connection waits after caller input before performing the action indicated by the input.	
FK	ExitCallActionObjectId	char (36 characters)	False	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if the caller presses the "exit" key (star or pound/hash).	ObjectID
	MaxMatches	smallint (2 bytes)	False	The number of matches, that if exceeded, will result in Cisco Unity Connection prompting the caller to dial more letters.	
	MenuStyle	smallint (2 bytes)	False	A flag indicating how Cisco Unity Connection presents directory matches to callers - either in "menu choice" or "extension list" format.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
FK	NoInputCallActionObjectId	char (36 characters)	False	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if the caller does not enter a name or by not responding to prompts.	ObjectID
FK	NoSelectionCallActionObjectId	char (36 characters)	False	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which the caller is sent to) if the caller makes no selection from a list of matches.	ObjectID
	PlayAllNames	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection plays the names of subscribers in the directory for caller selection, rather than requiring the caller to search by spelled name.	Bool
	SayExtension	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection provides a menu of subscriber names including extensions, or just subscriber names.	Bool
FK	ScopeObjectCosObjectId	char (36 characters)	True	The unique identifier of the COS which acts as the filter for the directory handler.	ObjectID
FK	ScopeObjectDistributionListObjectId	char (36 characters)	True	The unique identifier of the distribution list which acts as the filter for the directory handler.	ObjectID
FK	ScopeObjectLocationObjectId	char (36 characters)	True	The unique identifier of the location which acts as the filter for the directory handler.	ObjectID
	SearchByFirstName	smallint (2 bytes)	False	A flag indicating whether a directory handler searches for subscribers by using first name first, or last name first.	Bool
	SearchScope	smallint (2 bytes)	False	The scope of the directory that Cisco Unity Connection will search.	SearchScope
	StartDialDelay	smallint (2 bytes)	False	The amount of time (in seconds) that Cisco Unity Connection waits for the caller to start dialing. Time to wait for caller to start dialing in seconds. This is controlled on the SA's Caller Input 'timeout if no input in seconds' setting.	
	Tries	smallint (2 bytes)	False	The number of times Cisco Unity Connection will reprompt the caller for input, e.g. dial name.	
	UseStarToExit	smallint (2 bytes)	False	A flag indicating the key on the phone to use for "exit the directory." This controls whether the directory handler uses star ("*") to exit (like the rest of the conversation) or pound/hash ("#") to exit.	Bool
	VoiceEnabled	smallint (2 bytes)	False	A flag indicating whether the directory handler will use voice based addressing rather than touchtones.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
FK	ZeroCallActionObject-Id	char (36 characters)	False	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if caller presses zero ("0") key during menu style list of names.	ObjectID

Table Keys

PK_tbl_DirectoryHandler

Property Name	Value
Description:	Uniquely identifies a directory handler in this table and exclusively represents this directory handler throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate directory handler. A directory handler with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_DirectoryHandler.

Table Ad-Hoc Constraints

ScopeObject

Property Name	Value
Description:	Only one or zero scope objects may be set
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	The scope of a directory handler may be set to only a single entity - either a COS, distribution list or location.

Table Relationships (Foreign Keys)

tbl_DirectoryHandler has the following relationships with other tables:

tbl_DirectoryHandler.ObjectId (0..1) ----- (1..1) tbl_Handler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DirectoryHandler_ObjectId_tbl_Handler_ObjectId
Description:	Each directory handler is a handler. Each handler may act as the base for one directory handler.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DirectoryHandler and tbl_Handler linked by the foreign key ObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the handler is deleted, the FK Cascade Delete constraint will ensure that the corresponding directory handler is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	n attempt was made to assign this directory handler to a nonexistent handler.

tbl_DirectoryHandler.ScopeObjectCosObjectId_(0..*)-----^(0..1)tbl_Cos.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DirectoryHandler_ScopeObjectCosObjectId_tbl_Cos_ObjectId
Description:	Directory handler may be scoped by a COS (zero or one)
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DirectoryHandler and tbl_Cos linked by the foreign key ScopeObjectCosObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a COS designated as the filter for this directory handler or to assign a nonexistent COS as the filter for this directory handler.

tbl_DirectoryHandler.ScopeObjectDistributionListObjectId_(0..*)-----^(0..1)tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DirectoryHandler_ScopeObjectDistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Directory handler may be scoped by a distribution list (zero or one)
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DirectoryHandler and tbl_DistributionList linked by the foreign key ScopeObjectDistributionListObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.

Property Name	Value
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a distribution list designated as the filter for this directory handler or to assign a nonexistent distribution list as the filter for this directory handler.

tbl_DirectoryHandler.ExitCallActionObjectId (0..1) ----- (1..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DirectoryHandler_ExitCallActionObjectId_tbl_CallAction_ObjectId
Description:	Each directory handler must have one call action for a exit condition. Each call action may be an exit call action for one directory handler.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DirectoryHandler and tbl_CallAction linked by the foreign key ExitCallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call action designated as the exit action for this directory handler or to assign a nonexistent call action as the exit action for this directory handler.

tbl_DirectoryHandler.ScopeObjectLocationObjectId (0..*) ----- (0..1) tbl_Location.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DirectoryHandler_ScopeObjectLocationObjectId_tbl_Location_ObjectId
Description:	Directory handler may be scoped by a location (zero or one)
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DirectoryHandler and tbl_Location linked by the foreign key ScopeObjectLocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a location designated as the filter for this directory handler or to assign a nonexistent location as the filter for this directory handler.

tbl_DirectoryHandler.NoInputCallActionObjectId _(0..1)-----^(1..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DirectoryHandler_NoInputCallActionObjectId_tbl_CallAction_ObjectId
Description:	Each directory handler must have one call action for a "no input" condition. Each call action may be an no input call action for one directory handler.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DirectoryHandler and tbl_CallAction linked by the foreign key NoInputCallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call action designated as the no input action for this directory handler or to assign a nonexistent call action as the no input action for this directory handler.

tbl_DirectoryHandler.NoSelectionCallActionObjectId _(0..1)-----^(1..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DirectoryHandler_NoSelectionCallActionObjectId_tbl_CallAction_ObjectId
Description:	Each directory handler must have one call action for a "no selection" condition. Each call action may be an no selection call action for one directory handler.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DirectoryHandler and tbl_CallAction linked by the foreign key NoSelectionCallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call action designated as the no selection action for this directory handler or to assign a nonexistent call action as the no selection action for this directory handler.

tbl_DirectoryHandler.ZeroCallActionObjectId _(0..1)-----^(1..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DirectoryHandler_ZeroCallActionObjectId_tbl_CallAction_ObjectId

Property Name	Value
Description:	Each directory handler must have one call action for a "zero key" condition. Each call action may be a zero key call action for one directory handler.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DirectoryHandler and tbl_CallAction linked by the foreign key ZeroCallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call action designated as the press zero action for this directory handler or to assign a nonexistent call action as the press zero action for this directory handler.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_DirectoryHandler:

Name	Object Type	Description
vw_DirectoryHandler	View	A call routing object that enables outside callers to search for subscribers by spelling their name in the case where they don't know the user's extension number. When a caller searches on a subscriber name or part of a name, a directory handler looks up the extension and routes the call to the appropriate subscriber. Formerly called "NameLookupHandler."
vw_DirectoryHandler_List	View	A narrow view of a directory handler. This view provides a list of all directory handlers, which is used by CUSA to provide list of directory handlers in drop-down lists. It contains only the ObjectId and DisplayName for each directory handler.
csp_DirectoryHandlerCreate	Stored Procedure	Creates a new DirectoryHandler object by inserting a new row into tbl_DirectoryHandler. This procedure also creates several other objects: * The call actions for Exit, No Input, No Selection and Zero conditions by inserting a new row into tbl_CallAction for each condition. * A new handler by inserting a new row into tbl_Handler * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.

Name	Object Type	Description
csp_DirectoryHandlerDelete	Stored Procedure	Deletes a DirectoryHandler object from tbl_DirectoryHandler as specified by the @ObjectId parameter. This procedure also deletes several objects related to a DistributionList object: <ul style="list-style-type: none"> * The base Handler object in tbl_Handler. * Each of the four CallAction objects in tbl_CallAction related to this DirectoryHandler. * If there is an extension number assigned to the DirectoryHandler, the related DtmfAccessId object is deleted from tbl_DtmfAccessId. * If the DirectoryHandler has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.
csp_DirectoryHandlerModify	Stored Procedure	Updates the attributes of a DirectoryHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the DirectoryHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in.

Table Triggers

No triggers are specified for tbl_DirectoryHandler.

Column Properties

AutoRoute

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will automatically route a call to the extension assigned to the subscriber on a unique match without prompting the caller to verify the match; or to present a list of matches, even if only one, and prompt the user to verify the match.
Notes:	Values: 0: Presents a list of matches, even if only one, and prompts the user to verify the match. 1: Automatically routes a call to the extension assigned to the subscriber on a unique match without prompting the caller to verify the match. or to p
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EndDialDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits after caller input before performing the action indicated by the input.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	10

ExitCallActionObjectld

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if the caller presses the "exit" key (star or pound/hash).

Property Name	Value
Notes:	This value references a tbl_CallAction.ObjectId. Possible destinations or actions are: <ul style="list-style-type: none"> * Send caller to a call handler * Send caller to another directory handler * Send caller to a greetings administrator i.e., a conversation for changing call handler greetings over the phone. * Send caller to a interview handler * Hang-up * Send caller to sign-in i.e., subscriber logon conversation. * Send caller to a subscriber extension
Business Rules:	The default value is a tbl_CallAction.ObjectId that references a call handler.
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMatches

Property Name	Value
Description:	The number of matches, that if exceeded, will result in Cisco Unity Connection prompting the caller to dial more letters.
Notes:	
Business Rules:	
Developer Notes:	This column is not exposed in the Unity 4.x SA. The value of 8 matches is hardcoded.
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	8
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	20

MenuStyle

Property Name	Value
Description:	A flag indicating how Cisco Unity Connection presents directory matches to callers - either in "menu choice" or "extension list" format.
Notes:	<p>Examples of formats: Menu of choices - "for Pat Amos, press 1; for Gerry Anderson, press 2..." Extension list - "for Pat Amos, press 123; for Gerry Anderson, press 234..."</p> <p>Values: 0: Extension list format 1: Menu of choices format</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NoInputCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if the caller does not enter a name or by not responding to prompts.

Property Name	Value
Notes:	This value references a tbl_CallAction.ObjectId. Possible destinations or actions are: <ul style="list-style-type: none"> * Send caller to a call handler * Send caller to another directory handler * Send caller to a greetings administrator i.e., a conversation for changing call handler greetings over the phone. * Send caller to a interview handler * Hang-up * Send caller to sign-in i.e., subscriber logon conversation. * Send caller to a subscriber extension
Business Rules:	The default value is a tbl_CallAction.ObjectId that references a call handler.
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NoSelectionCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which the caller is sent to) if the caller makes no selection from a list of matches.
Notes:	This value references a tbl_CallAction.ObjectId. Possible destinations or actions are: <ul style="list-style-type: none"> * Send caller to a call handler * Send caller to another directory handler * Send caller to a greetings administrator i.e., a conversation for changing call handler greetings over the phone. * Send caller to a interview handler * Hang-up * Send caller to sign-in i.e., subscriber logon conversation. * Send caller to a subscriber extension
Business Rules:	The default value is a tbl_CallAction.ObjectId that references a call handler.
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Objectid

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DirectoryHandler object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_Handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler , vw_DirectoryHandler_List
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PlayAllNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the names of subscribers in the directory for caller selection, rather than requiring the caller to search by spelled name.

Property Name	Value
Notes:	<p>Cisco Unity Connection plays the names of all subscribers in the directory when either of the following conditions are true:</p> <ul style="list-style-type: none"> * Only 1 to 5 subscribers are listed in the Unity directory. * When there are more than 5 but less than 51 subscriber names listed in the directory, and the caller chooses to play all names listed in the directory. <p>When a directory handler includes more than 50 subscriber names, Cisco Unity Connection requires the caller to search for a subscriber by spelled name.</p> <p>When there are no subscriber names listed in the directory, Cisco Unity Connection performs the action (or sends the caller to the destination) associated with the value of the tbl_CallAction.ObjectId column referenced by the NoInputCallActionObjectId column.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection provides a menu of subscriber names including extensions, or just subscriber names.
Notes:	<p>This column applies only if MenuStyle column is set to a value of 1 (true).</p> <p>Values:</p> <p>0: Play only subscriber names in menu list.</p> <p>1: Play subscriber names and extensions in menu list.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	1

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ScopeObjectCosObjectId

Property Name	Value
Description:	The unique identifier of the COS which acts as the filter for the directory handler.
Notes:	Only users with this COS will be included in the directory handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScopeObjectDistributionListObjectId

Property Name	Value
Description:	The unique identifier of the distribution list which acts as the filter for the directory handler.
Notes:	Only users who are members of this distribution list will be included in the directory handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScopeObjectLocationObjectld

Property Name	Value
Description:	The unique identifier of the location which acts as the filter for the directory handler.
Notes:	Only those users assigned to this location will be included in the directory handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SearchByFirstName

Property Name	Value
Description:	A flag indicating whether a directory handler searches for subscribers by using first name first, or last name first.

Property Name	Value
Notes:	Values: 0: Search by last name, then first name. 1: Search by first name, then last name.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SearchScope

Property Name	Value
Description:	The scope of the directory that Cisco Unity Connection will search.
Notes:	Used to restrict the directory handler searches to the Local VMS, a location, a dialing domain, a distribution list, a class of service, or to expand searches to the entire Unity organization (i.e., global). Values: 0: VMS - directory handler search restricted to the local VMS. 1: Dialing domain - directory handler search restricted to a dialing domain. 2: Global - directory handler search expanded to the entire Unity organization (global). 3: Location - directory handler search restricted to a Unity location. 4: Distribution list - directory handler search is restricted to a distribution list. 5: COS - directory handler search restricted to a class of service.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	SearchScope
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StartDialDelay

Property Name	Value
Description:	<p>The amount of time (in seconds) that Cisco Unity Connection waits for the caller to start dialing.</p> <p>Time to wait for caller to start dialing in seconds. This is controlled on the SA's Caller Input 'timeout if no input in seconds' setting.</p>
Notes:	When the caller does not press any key, Cisco Unity Connection should ask for confirmation that the caller is still there. If there is no response, Cisco Unity Connection performs the action (or sends the caller to the destination) associated with the value of the tbl_CallAction.ObjectId column referenced by the NoInputCallActionObjectId column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	10

Tries

Property Name	Value
Description:	The number of times Cisco Unity Connection will reprompt the caller for input, e.g. dial name.

Property Name	Value
Notes:	When the caller does not press any key after being reprompted, Cisco Unity Connection should ask for confirmation that the caller is still there. If there is no response, Cisco Unity Connection performs the action associated with the value of the tbl_CallAction.ObjectId column referenced by the NoInputCallActionObjectId column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

UseStarToExit

Property Name	Value
Description:	A flag indicating the key on the phone to use for "exit the directory." This controls whether the directory handler uses star ("*") to exit (like the rest of the conversation) or pound/hash ("#") to exit.
Notes:	Values: 0: Use star ("*") key to exit directory handler. 1: Use pound/hash ("#") key to exit directory handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

VoiceEnabled

Property Name	Value
Description:	A flag indicating whether the directory handler will use voice based addressing rather than touchtones.
Notes:	Values: 0: Directory handler will use touchtones 1: Directory handler will use voice commands
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ZeroCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if caller presses zero ("0") key during menu style list of names.

Property Name	Value
Notes:	<p>This value applies only if the value of MenuStyle column = 1.</p> <p>This value references a tbl_CallAction.ObjectId column. Possible destinations or actions are:</p> <ul style="list-style-type: none"> * Send caller to a call handler * Send caller to another directory handler * Send caller to a greetings administrator i.e., a conversation for changing call handler greetings over the phone. * Send caller to a interview handler * Hang-up * Send caller to sign-in i.e., subscriber logon conversation. * Send caller to a subscriber extension
Business Rules:	The default value is a tbl_CallAction.ObjectId that references a call handler.
Developer Notes:	
Occurrences In Views:	vw_DirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.18. tbl_DistributionList

A group of recipients created to send a message to all members of the group. When a message is sent to a distribution list, all members of the list receive a copy of the message. Formerly referred to as "Public" distribution lists.

Additional Information

Top level members of these system distribution lists are stored in the tbl_DistributionListMember table.

See also the tbl_DistributionListSet and tbl_DistributionListSetMember tables. There are used to limit user searches in directory handlers.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a DistributionList object.	ObjectID
	AllowContacts	smallint (2 bytes)	False	A flag indicating whether contacts (system, VPIM, virtual) are allowed to be members of this Distribution List. Purpose of this flag is to enable administrators to create a Distribution List whose members are Unity users only.	Bool
	AllowForeignMessage	smallint (2 bytes)	False	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)	Bool
	AltName	nvarchar (64 characters)	True	The alternate spelling of the distributionlist name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing.	
	CreationTime	datetime (8 bytes)	False	The date and time the system distribution list was created.	
	DisplayName	nvarchar (64 characters)	False	The unique text name of the system distribution list to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfName	varchar (16 characters)	False	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the system distribution list. These digits are used for searching the distribution list by name via the phone.	DtmfName

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	IsPublic	smallint (2 bytes)	False	A flag indicating whether the system distribution list is addressable by all subscribers on all VMSes throughout the Unity Organization.	Bool
FK	LocationObjectId	char (36 characters)	False	The unique identifier of the LocationVMS object to which this system distribution list belongs.	ObjectID
FK	StreamFileObjectId	char (36 characters)	True	The unique identifier of the StreamFile object containing the recorded voice name for this distribution list.	ObjectID
	Undeleteable	smallint (2 bytes)	False	A flag indicating whether this distribution list can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool

Table Keys

CK_tbl_DistributionList_DisplayName

Property Name	Value
Description:	Uniquely identifies the name of a distribution list in tbl_DistributionList.
Type:	Candidate
Column(s):	DisplayName
Clustered?	False
Constraint Error String:	Duplicate distribution list name.

PK_tbl_DistributionList

Property Name	Value
Description:	Uniquely identifies a distribution list in this table and exclusively represents this distribution list throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate distribution list. A distribution list with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_DistributionList.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_DistributionList.

Table Relationships (Foreign Keys)

tbl_DistributionList has the following relationships with other tables:

tbl_DistributionList.LocationObjectId (0..*)-----tbl_LocationVMS.ObjectId (1..1)

Property Name	Value
Relationship Name:	FK_tbl_DistributionList_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each distribution list must belong to one LocationVMS. Each LocationVMS may be the owner of one or more distribution lists.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DistributionList and tbl_LocationVMS linked by the foreign key LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the location to which this distribution list belongs or to designate a nonexistent location as the owner of this distribution list.

tbl_DistributionList.StreamFileObjectId (0..1)-----tbl_StreamFile.ObjectId (0..1)

Property Name	Value
Relationship Name:	FK_tbl_DistributionList_StreamFileObjectId_tbl_StreamFile_ObjectId
Description:	Each distribution list may have a recorded voice name (stream file). Each stream file may be one recorded voice name of a distribution list.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DistributionList and tbl_StreamFile linked by the foreign key StreamFileObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the stream file that has the name of the audio file containing the recorded voice name for this distribution list or to assign this distribution list to a nonexistent stream file.

Additional relationships with tbl_DistributionList are defined in

the following tables:

[tbl_CallHandler](#)
[tbl_DtmfAccessId](#)
[tbl_InterviewHandler](#)
[tbl_DirectoryHandler](#)
[tbl_DistributionListSet](#)
[tbl_DistributionListMember](#)
[tbl_DistributionListMember](#)
[tbl_Policy](#)
[tbl_PersonalGroupMember](#)
[tbl_Alias](#)
[tbl_AlternateName](#)

Table Dependencies

The following views and/or stored procedures have dependencies on [tbl_DistributionList](#):

Name	Object Type	Description
vw_DistributionList	View	A group of recipients created to send a message to all members of the group. When a message is sent to a distribution list, all members of the list receive a copy of the message. Formerly referred to as "Public" distribution lists.
vw_DistributionList_List	View	The basic attributes of a distribution list used for retrieving a list of distribution lists.
vw_DistributionListMember	View	A simple view for tbl_DistributionListMember .
vw_DistributionListMemberTemplate	View	A distribution list member template.
csp_DistributionListCreate	Stored Procedure	Creates a new DistributionList object by inserting a new row into tbl_DistributionList . It also creates a new Alias object in tbl_Alias by executing csp_AliasCreate . Two other objects may also be created: * If a DtmfAccessID is passed in, a new DtmfAccessId object is created by executing csp_DtmfAccessIdCreate . * If a VoiceName is passed in, a new StreamFile object is created by executing csp_StreamFileModify .

Name	Object Type	Description
csp_DistributionListDelete	Stored Procedure	Deletes a DistributionList object from tbl_DistributionList as specified by the @ObjectId parameter. This procedure also deletes several objects related to a DistributionList object: * Any member mappings in tbl_DistributionListMember where the specified distribution list is the member of another distribution list are deleted. * The related Alias object is deleted from tbl_Alias by executing csp_AliasDelete. * If there is an extension number assigned to the DistributionList, the related DtmfAccessId object is deleted from tbl_DtmfAccessId. * If the DistributionList has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.
csp_DistributionListModify	Stored Procedure	Updates the attributes of a DistributionList object based on the values passed in via the parameters. The @ObjectId parameter identifies the DistributionList object that will be updated. This procedure will also update the DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.

Table Triggers

No triggers are specified for tbl_DistributionList.

Column Properties

AllowContacts

Property Name	Value
Description:	A flag indicating whether contacts (system, VPIM, virtual) are allowed to be members of this Distribution List. Purpose of this flag is to enable administrators to create a Distribution List whose members are Unity users only.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DistributionList
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AllowForeignMessage

Property Name	Value
Description:	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DistributionList , vw_DistributionListMember , vw_DistributionListMemberTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AltName

Property Name	Value
Description:	The alternate spelling of the distributionlist name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing.
Notes:	Used to enable name lookup and message addressing via the TUI client when the alias contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and the distribution list alias is composed of Kanji characters, to enable users and callers to search for a distribution list name via the phone, an alternate spelling of the distribution list name in ASCII characters can be stored in the altname column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DistributionList
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the system distribution list was created.
Notes:	
Business Rules:	
Developer Notes:	The default value is the current date and time - GETUTCDATE()
Occurrences In Views:	vw_DistributionList
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of the system distribution list to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_DistributionList , vw_DistributionList_List
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfName

Property Name	Value
Description:	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the system distribution list. These digits are used for searching the distribution list by name via the phone.
Notes:	
Business Rules:	When the display name of a system distribution list is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Occurrences In Views:	vw_DistributionList
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPublic

Property Name	Value
Description:	A flag indicating whether the system distribution list is addressable by all subscribers on all VMSES throughout the Unity Organization.
Notes:	Values: 0: Distribution list is not addressable by all subscribers. 1: Distribution list is addressable by all subscribers on all VMSES.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DistributionList
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectID

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this system distribution list belongs.
Notes:	
Business Rules:	
Developer Notes:	Important in K2 for replication.
Occurrences In Views:	vw_DistributionList
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionList object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_DistributionList , vw_DistributionList_List
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object containing the recorded voice name for this distribution list.
Notes:	A recorded voice name is optional, but required for message addressing name confirmation.
Business Rules:	A recorded voice name is optional.
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this distribution list can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	<p>This setting is used to prevent the deletion of factory defaults such as the "All Subscribers" distribution list included with every VMS.</p> <p>Values:</p> <p>0: The distribution list can be deleted by an administrator (with the required privilege) via Cisco Unity Connection Administration, Cisco Unity Connection Bulk Administration Manager or administrative application.</p> <p>1: The distribution list cannot be deleted by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DistributionList
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.19. tbl_DistributionListMember

A member of a system distribution list. A "member" may be either a user, contact (future - K2) , or another system distribution list.

Additional Information

This table contains all the members of all the distribution lists in the tbl_DistributionList table. Members of a specific distribution list are found by filtering the DistributionListObjectId column against the ObjectId column in the tbl_DistributionList table.

See also the tbl_ScopeDList and tbl_ScopeDListMember tables. Scope lists are used in Unity 4.0(1) and later to limit user searches in directory handlers.

When Contacts are implemented, add a Member_Contact column and a FK_Member_RemoteContact link.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.	ObjectId
FK	DistributionListObjectId	char (36 characters)	False	The unique identifier of the DistributionList object to which this distribution list member belongs.	ObjectId
FK	MemberContactObjectId	char (36 characters)	True	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise this attribute is set to NULL.	ObjectId
FK	MemberDistributionListObjectId	char (36 characters)	True	The member of this distribution list. If the member is another distribution list, the unique identifier of DistributionList object that is a member of the distribution list. Otherwise, this attribute is set ot NULL.	ObjectId
FK	MemberUserObjectId	char (36 characters)	True	The member of this distribution list. If the member is a user, the unique identifier of the User object that is a member of the distribution list. Otherwise, this attribute is set ot NULL.	ObjectId

Table Keys

CK_tbl_DistributionListMember_DistributionListObjectId_MemberContactObjectId_MemberDistributionListObjectId_MemberUserObjectId

Property Name	Value
Description:	Uniquely identifies a member of a distribution list in tbl_DistributionListMember.
Type:	Candidate
Column(s):	DistributionListObjectId , MemberContactObjectId , MemberDistributionListObjectId , MemberUserObjectId
Clustered?	True
Constraint Error String:	Duplicate distribution list member. That user, contact, or distribution list is already a member of this distribution list.

PK_tbl_DistributionListMember

Property Name	Value
Description:	Uniquely identifies a combination of a Distribution List and a Member in this table and exclusively represents that particular combination throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate distribution list member. A distribution list member with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_DistributionListMember.

Table Ad-Hoc Constraints

InvalidMember

Property Name	Value
Description:	A Distribution List cannot be a member of itself.
Notes:	
Developer Notes:	
Business Rules:	A Distribution List cannot be a member of itself.
Constraint Error String:	A distribution list cannot be a member of itself.

Table Relationships (Foreign Keys)

tbl_DistributionListMember has the following relationships with other tables:

tbl_DistributionListMember.MemberContactObjectId (0..*) ----- (0..1) tbl_Contact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DistributionListMember_MemberContactObjectId_tbl_Contact_ObjectId

Property Name	Value
Description:	Each contact may be a member of a distribution list. Each distribution list may have one or more contacts as members.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DistributionListMember and tbl_Contact linked by the foreign key MemberContactObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a contact who is a member of this distribution list or to assign a nonexistent contact as a member of this distribution list.

tbl_DistributionListMember.MemberDistributionListObjectId (0..*)----- (0..1) tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DistributionListMember_MemberDistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Each distribution list may be a member of another distribution list. Each distribution list may have one or more distribution lists as members.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DistributionListMember and tbl_DistributionList linked by the foreign key MemberDistributionListObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a distribution list which is a member of this distribution list or to assign a nonexistent distribution list as a member of this distribution list.

tbl_DistributionListMember.MemberUserObjectId (0..*)----- (0..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DistributionListMember_MemberUserObjectId_tbl_User_ObjectId
Description:	Each user may be a member of a distribution list. Each distribution list may have one or more users as members.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DistributionListMember and tbl_User linked by the foreign key MemberUserObjectId.

Property Name	Value
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a user who is a member of this distribution list or to assign a nonexistent user as a member of this distribution list.

tbl_DistributionListMember.DistributionListObjectId (0..*) ----- (1..1) tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DistributionListMember_DistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Each distribution list member must be a member of one distribution list. Each distribution list may have one or more distribution list members.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DistributionListMember and tbl_DistributionList linked by the foreign key DistributionListObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the distribution list to which this distribution list member belongs or to assign a nonexistent distribution list as the owner of this distribution list member.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_DistributionListMember:

Name	Object Type	Description
vw_DistributionListMember	View	A simple view for tbl_DistributionListMember.
vw_DistributionListMemberTemplate	View	A distribution list member template.
vw_ScopeDistributionListMember	View	Internal use only.
csp_DistributionListMemberCreate	Stored Procedure	Adds a member (user or another distribution list) to the specified DistributionList. Creates a new DistributionListMember object by inserting a new row into tbl_DistributionListMember.
csp_DistributionListMemberDelete	Stored Procedure	Deletes a DistributionListMember object from tbl_DistributionListMember as specified by the @ObjectId parameter.

Table Triggers

No triggers are specified for tbl_DistributionListMember.

Column Properties

DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this distribution list member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DistributionListMember , vw_DistributionListMemberTemplate , vw_ScopeDistributionListMember
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberContactObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DistributionListMember , vw_DistributionListMemberTemplate , vw_ScopeDistributionListMember
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberDistributionListObjectID

Property Name	Value
Description:	The member of this distribution list. If the member is another distribution list, the unique identifier of DistributionList object that is a member of the distribution list. Otherwise, this attribute is set of NULL.
Notes:	
Business Rules:	<ul style="list-style-type: none"> * A distribution list cannot be a member of its own distribution list. * One of the Member* columns must have a non-NULL value while the remaining Member* columns must contain NULL.
Developer Notes:	
Occurrences In Views:	vw_DistributionListMember
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberUserObjectID

Property Name	Value
Description:	The member of this distribution list. If the member is a user, the unique identifier of the User object that is a member of the distribution list. Otherwise, this attribute is set ot NULL.
Notes:	
Business Rules:	One of the Member* columns must have a non-NULL value while the remaining Member* columns must contain NULL.
Developer Notes:	
Occurrences In Views:	vw_DistributionListMember , vw_ScopeDistributionListMember
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectID

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.
Notes:	Surrogate key for this table to facilitate membership links to more than one thing.
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_DistributionListMember , vw_DistributionListMemberTemplate , vw_ScopeDistributionListMember
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.20. tbl_DistributionListSet

A unique set of Users in a DistributionList. It is in essence a "flattened" version of a distribution list, with duplicates removed. These are used to scope the set of subscribers presented by a directory handler.

Additional Information

The list of members for a distribution list set is "flattened." In other words, if a distribution list contains other distribution lists, Cisco Unity Connection will recursively traverse the entire tree of lists and retrieve all voice mail users from the lists. Members are stored in the tbl_DistributionListSetMember table.

See also the tbl_DistributionList and tbl_DistributionListMember tables.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a DistributionListSet object.	ObjectID
	DisplayName	nvarchar (64 characters)	True	The text name of a distribution list set to be used when displaying entries in the administrative console.	TextName
	DistributionListDirectoryId	lvarchar (2048 characters)	True	The unique identifier for this DistributionListSet object in the directory.	DirectoryId
FK	DistributionListObjectId	char (36 characters)	False	The unique identifier of the DistributionList object corresponding to this distribution list set.	ObjectID
	ObjectChangedId	bigint (8 bytes)	True	The number used to track changes to this distribution list in the directory versus changes locally.	

Table Keys

PK_tbl_DistributionListSet

Property Name	Value
Description:	Uniquely identifies a distribution list set in this table and exclusively represents that distribution list set throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate distribution list set. A distribution list set with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_DistributionListSet.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_DistributionListSet.

Table Relationships (Foreign Keys)

tbl_DistributionListSet has the following relationships with other tables:

tbl_DistributionListSet.DistributionListObjectId _(0..1) -----^(1..1) tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DistributionListSet_DistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Each distribution list set must belong to one distribution list. Each distribution list set may be the owner of one or more distribution lists.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DistributionListSet and tbl_DistributionList linked by the foreign key DistributionListObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the distribution list is deleted, the FK Cascade Delete constraint will ensure that the corresponding media distribution list set is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this distribution list set to a nonexistent distribution list.

Additional relationships with tbl_DistributionListSet are defined in the following tables:

[tbl_DistributionListSetMember](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_DistributionListSet:

Name	Object Type	Description
------	-------------	-------------

Table Triggers

No triggers are specified for tbl_DistributionListSet.

Column Properties

DisplayName

Property Name	Value
Description:	The text name of a distribution list set to be used when displaying entries in the administrative console.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DistributionListDirectoryId

Property Name	Value
Description:	The unique identifier for this DistributionListSet object in the directory.
Notes:	The format of the identifier varies depending on the directory in use, e.g. Active Directory or Domino.
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object corresponding to this distribution list set.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectChangedId

Property Name	Value
Description:	The number used to track changes to this distribution list in the directory versus changes locally.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	bigint (8 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionListSet object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.21. tbl_DistributionListSetMember

A member of a distribution list set.

Additional Information

When Remote Contacts are implemented add a Member_RemoteContactObjectId column and a FK_MemberRemoteContact link.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a DistributionListSetMember object.	ObjectID
FK	DistributionListSetObjectId	char (36 characters)	False	The unique identifier of the DistributionListSet object to which this member belongs.	ObjectID
FK	Member_UserObjectId	char (36 characters)	False	The unique identifier of the User object that is the distribution list set member.	ObjectID
FK	MemberContactObjectId	char (36 characters)	True	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise, the attribute is set to NULL.	ObjectID
	MemberDirectoryId	lvarchar (2048 characters)	True	The identifier of this distribution list set member in the directory.	DirectoryId

Table Keys

CK_tbl_DistributionListSetMember_DistributionListSetObjectId_Member_UserObjectId

Property Name	Value
Description:	
Type:	Candidate
Column(s):	DistributionListSetObjectId , Member_UserObjectId
Clustered?	False
Constraint Error String:	Duplicate distribution list set member. That user is already a member of this distribution list set.

PK_tbl_DistributionListSetMember

Property Name	Value
Description:	Uniquely identifies a distribution list set member in this table and exclusively represents that distribution list set member throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate distribution list set member. A distribution list set member with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_DistributionListSetMember.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_DistributionListSetMember.

Table Relationships (Foreign Keys)

tbl_DistributionListSetMember has the following relationships with other tables:

tbl_DistributionListSetMember.Member_UserObjectId (0..*) ----- (1..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DistributionListSetMember_Member_UserObjectId_tbl_User_ObjectId
Description:	Each user may be a member of a distribution list set. Each distribution list set may have one or more users as members.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DistributionListSetMember and tbl_User linked by the foreign key Member_UserObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a user that is designated as a member of this distribution list set or to designate a nonexistent user as a member of this distribution list set.

tbl_DistributionListSetMember.MemberContactObjectId (0..*) ----- (1..1) tbl_Contact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DistributionListSetMember_MemberContactObjectId_tbl_Contact_ObjectId
Description:	
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DistributionListSetMember and tbl_Contact linked by the foreign key MemberContactObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a contact that is designated as a member of this distribution list set or to designate a nonexistent contact as a member of this distribution list set.

tbl_DistributionListSetMember.DistributionListSetObjectId (0..*) ----- (1..1) tbl_DistributionListSet.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DistributionListSetMember_DistributionListSetObjectId_tbl_DistributionListSet_ObjectId
Description:	Each distribution list set member must be a member of one distribution list set. Each distribution list set may have one or more distribution list set members.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DistributionListSetMember and tbl_DistributionListSet linked by the foreign key DistributionListSetObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the distribution list set is deleted, the FK Cascade Delete constraint will ensure that the corresponding distribution list set members are also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this distribution list set to a nonexistent distribution list set.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_DistributionListSetMember:

Name	Object Type	Description
------	-------------	-------------

Table Triggers

No triggers are specified for tbl_DistributionListSetMember.

Column Properties

DistributionListSetObjectId

Property Name	Value
Description:	The unique identifier of the DistributionListSet object to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Member_UserObjectId

Property Name	Value
Description:	The unique identifier of the User object that is the distribution list set member.
Notes:	For now, this must be specified since there are not contacts or directory ids.
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberContactObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise, the attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberDirectoryId

Property Name	Value
Description:	The identifier of this distribution list set member in the directory.
Notes:	Format varies depending on the directory, e.g. Active Directory, Domino ,and so forth.
Business Rules:	
Developer Notes:	This is not in use in K1.
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	

Property Name	Value
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionListSetMember object.
Notes:	A surrogate key in this table to facilitate membership links to more than one thing. For example, we will want to add contacts later, and perhaps make the UserObjectID optional in favor of MemberDirectoryId.
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.22. tbl_DtmfAccessId

A dialable number (i.e. extension) for all subscribers, call handlers, interview handlers, directory handlers, location objects and distribution lists in the entire system.

Additional Information

The tbl_DtmfAccessId table serves a couple of very important roles. When you go to add a new subscriber, handler, etc. you need to make sure it does not conflict with a DtmfAccessId at the Dialing Domain scope. This table provides an easy way of doing that with a single query instead of having to check several tables individually. When conversations are collecting a DtmfAccessId from the caller for addressing a message by extension or for doing an auto attendant DtmfAccessId lookup or the like, the lookups for a match have to be done against this single table instead of using a complex multi table search.

Administrator defined alternate extensions for subscribers are also stored in this table. In addition to the primary extension assigned to a subscriber, a subscriber can have up to 9 alternate extension numbers that administrators can specify. For example, if a subscriber has multiple line appearances on their phone. Alternate extensions have an IdIndex with a non-zero value. All alternate extensions use the same transfer setting settings as the primary extension.

User defined "alternate extensions" are subscriber phone numbers used to facilitate auto-logon when a subscriber calls from a home, mobile, or other phone number. These phone numbers are stored in the tbl_PhoneNumber table, which has an "AutoLogon" column that can set to use a number for autologon. This keeps these numbers out of the global DtmfAccessId space, and keeps them from being used for addressing, which is desirable. DtmfAccessId's are used for both auto-logon and addressing.

For Cisco Unity Connection, SIP format extensions are not allowed in system-defined extensions (primary and administrator-defined alternate extensions) . A system-defined extension must contain an extension in the format of a telephone numeric (digits 0-9 only) while a user-defined alternate extension stored in tbl_PhoneNumber can contain either a number or an alias for a SIP URL.

When Cisco Unity Connection supports multiple VMS servers, this table will also contain subscriber and location extensions from other VMS servers on the network. Call handlers and interview handlers are local objects only and are not replicated around the directory so the DtmfAccessId table will only have IDs from local objects in that case.

Cisco Unity Connection does not have the concept of a "dialing domain", which was used primarily in networking to allow more than one Unity to be part of the same dialing domain. Cisco Unity Connection does not support networking, and hence this is not needed.

If we go forward with support for multiple primary locations in subsequent versions, then these may be used to partition the DtmfAccessId space for multiple tenants (for example), since the current model supports having the same DtmfAccessId at more than one primary location.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a DtmfAccessId object.	ObjectID

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	CallPickupTimeout	smallint (2 bytes)	False	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.	
	ClientMatterCode	varchar (40 characters)	True	The Client Matter Code (CMS) to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign account or billing codes to the call.	ClientMatter-Code
	DisplayName	nvarchar (64 characters)	True	The text name of this DtmfAccessId to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	DtmfAccessId	nvarchar (40 characters)	False	The dialable number.	DtmfAccessId
	IdIndex	int (4 bytes)	False	An index into the alternate extensions for a subscriber.	
FK	LocationObjectId	char (36 characters)	False	The unique identifier of the Location object to which this location (denormalized) belongs.	ObjectID
FK	Parent_ContactObjectId	char (36 characters)	True	The unique identifier of the Contact object to which this DtmfAccessId belongs.	ObjectID
FK	Parent_DistributionListObjectId	char (36 characters)	True	The unique identifier of the DistributionList object to which this DtmfAccessId belongs	ObjectID
FK	Parent_HandlerObjectId	char (36 characters)	True	The unique identifier of the Handler object to which this DtmfAccessId belongs	ObjectID
FK	Parent_LocationObjectId	char (36 characters)	True	The unique identifier of the Location object to which this DtmfAccessId belongs,	ObjectID
FK	Parent_SubscriberObjectId	char (36 characters)	True	The unique identifier of the Subscriber object to which this DtmfAccessId belongs	ObjectID
	TransmitForcedAuthorizationCode	smallint (2 bytes)	False	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.	Bool

Table Keys

CK_tbl_DtmfAccessId_DtmfAccessId_Parent_ContactObjectId_Parent_DistributionListObjectId_Parent_HandlerObjectId_Parent_LocationObjectId_Parent_SubscriberObjectId

Property Name	Value
Description:	Uniquely identifies a DtmfAccessId by its owner.
Type:	Candidate
Column(s):	DtmfAccessId , Parent_ContactObjectId , Parent_DistributionListObjectId , Parent_HandlerObjectId , Parent_LocationObjectId , Parent_SubscriberObjectId
Clustered?	False
Constraint Error String:	Duplicate extension/alternate extension for this owner (user, distribution list, call handler, directory handler, interview handler, contact, or location)

CK_tbl_DtmfAccessId_DtmfAccessId_LocationObjectId

Property Name	Value
Description:	DtmfAccessId must be unique within a Location.
Type:	Candidate
Column(s):	DtmfAccessId , LocationObjectId
Clustered?	False
Constraint Error String:	The phone number or extension has already been assigned to some other object.

CK_tbl_DtmfAccessId_IdIndex_Parent_ContactObjectId_Parent_DistributionListObjectId_Parent_HandlerObjectId_Parent_LocationObjectId_Parent_SubscriberObjectId

Property Name	Value
Description:	IdIndex must be unique for a given owner
Type:	Candidate
Column(s):	IdIndex , Parent_ContactObjectId , Parent_DistributionListObjectId , Parent_HandlerObjectId , Parent_LocationObjectId , Parent_SubscriberObjectId
Clustered?	False
Constraint Error String:	Duplicate extension or phone number for this entity.

PK_tbl_DtmfAccessId

Property Name	Value
Description:	Uniquely identifies a DtmfAccessId in this table and exclusively represents this DtmfAccessId throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate extension. A DtmfAccessId with that unique identifier already exists.

Table Indexes

Name	Description	Unique	Clustered	Sort Direction	Columns
IX_tbl_DtmfAccessId_ParentDlist	DtmfAccessId objects that pertain to a distribution list.	False	False	Ascending	DtmfAccessId , IdIndex , Parent_DistributionListObjectId
IX_tbl_DtmfAccessId_ParentHandler	DtmfAccessId objects that pertain to either a call handler, directory handler or interview handler.	False	False	Ascending	DtmfAccessId , IdIndex , Parent_HandlerObjectId
IX_tbl_DtmfAccessId_ParentLocation	DtmfAccessId objects that pertain to a location.	False	False	Ascending	DtmfAccessId , IdIndex , Parent_LocationObjectId
IX_tbl_DtmfAccessId_ParentSubscriber	DtmfAccessId objects that pertain to a user.	False	False	Ascending	DtmfAccessId , IdIndex , Parent_SubscriberObjectId

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_DtmfAccessId.

Table Relationships (Foreign Keys)

tbl_DtmfAccessId has the following relationships with other tables:

tbl_DtmfAccessId.LocationObjectId (0..*)-----^(1..1) tbl_Location.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DtmfAccessId_LocationObjectId_tbl_Location_ObjectId
Description:	Each DtmfAccessId must reside in a location. Each location may be the owner of one or more DtmfAccessIds for objects such as handlers, subscribers, contacts, distribution lists or (delivery) locations.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DtmfAccessId and tbl_Location linked by the foreign key LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the location to which this extension belongs or to designate a nonexistent location as the owner of this extension.

tbl_DtmfAccessId.Parent_ContactObjectId (0..1)----- (0..1) tbl_Contact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DtmfAccessId_Parent_ContactObjectId_tbl_Contact_ObjectId
Description:	Each DtmfAccessId may be assigned to one contact. Each contact list may be assigned one DtmfAccessId.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DtmfAccessId and tbl_Contact linked by the foreign key Parent_ContactObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the contact to which this extension is assigned or to assign this extension to a nonexistent contact.

tbl_DtmfAccessId.Parent_DistributionListObjectId (0..1)----- (0..1) tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DtmfAccessId_Parent_DistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Each DtmfAccessId may be assigned to one distribution list. Each distribution list may be assigned one DtmfAccessId.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DtmfAccessId and tbl_DistributionList linked by the foreign key Parent_DistributionListObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the distribution list to which this extension is assigned or to assign this extension to a nonexistent distribution list.

tbl_DtmfAccessId.Parent_HandlerObjectId (0..1)----- (0..1) tbl_Handler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DtmfAccessId_Parent_HandlerObjectId_tbl_Handler_ObjectId
Description:	Each DtmfAccessId may be assigned to one handler (call, directory, or interview handler). Each handler may be assigned one DtmfAccessId.
Foreign Key:	True

Property Name	Value
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DtmfAccessId and tbl_Handler linked by the foreign key Parent_HandlerObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the call handler, directory handler, or interview handler to which this extension is assigned; or to assign this extension to a nonexistent call handler, directory handler, or interview handler.

tbl_DtmfAccessId.Parent_LocationObjectId_(0..1)-----^(0..1)tbl_Location.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DtmfAccessId_Parent_LocationObjectId_tbl_Location_ObjectId
Description:	Each DtmfAccessId may be assigned to one location. Each location may be assigned one DtmfAccessId.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DtmfAccessId and tbl_Location linked by the foreign key Parent_LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the location to which this extension is assigned or to assign this extension to a nonexistent location

tbl_DtmfAccessId.Parent_SubscriberObjectId_(1..*)-----^(0..1)tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_DtmfAccessId_Parent_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each DtmfAccessId may be assigned to one subscriber. Each subscriber must be assigned one or more DtmfAccessIds (primary and alternate extensions).
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_DtmfAccessId and tbl_UserSubscriber linked by the foreign key Parent_SubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the user to which this extension is assigned or to assign this extension to a nonexistent user.

Additional relationships with tbl_DtmfAccessId are defined in the following tables:

[tbl_PersonalDestinationGroupItem](#)

[tbl_PersonalRule](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_DtmfAccessId:

Name	Object Type	Description
vw_Callhandler	View	An all-purpose call transfer, greeting, message taking, and routing object. A call handler answers calls, greet callers with recorded prompts and provide them with information and options, route calls, and take messages.
vw_CallhandlerNonPrimary	View	An application call handler. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 0, which indicates this call handler is not a primary call handler for a subscriber.
vw_CallhandlerPrimary	View	A primary call handler for a subscriber. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 1, which indicates this is the primary call handler for a subscriber.
vw_Contact	View	A system contact along with its associated alias, dtmfaccessid, and streamfile attributes.
vw_DirectoryHandler	View	A call routing object that enables outside callers to search for subscribers by spelling their name in the case where they don't know the user's extension number. When a caller searches on a subscriber name or part of a name, a directory handler looks up the extension and routes the call to the appropriate subscriber. Formerly called "NameLookupHandler."
vw_DistributionList	View	A group of recipients created to send a message to all members of the group. When a message is sent to a distribution list, all members of the list receive a copy of the message. Formerly referred to as "Public" distribution lists.
vw_DtmfAccessId	View	A simple view for tbl_DtmfAccessId.
vw_InterviewHandler	View	A type of Handler object that collects information from callers by playing a series of questions that have been recorded, and then recording the answers offered by callers.
vw_LocalVms	View	A recordset containing the properties of the local location VMS.
vw_Location	View	A simple view for tbl_Location
vw_LocationVMS	View	A simple view for tbl_LocationVMS.

Name	Object Type	Description
vw_LocationVPIM	View	An object representing another voice messaging system to which Unity Connection can exchange messages via the VPIM protocol. This object is a sub-class of tbl_Location.
vw_NotificationAllActiveDevices	View	This view shows all active devices for users on the system. If a user does not have a single active device then a row will be present for this user with deviceobjectid and mwioobjectid both set to null.
vw_Subscriber	View	The subscriber view contains all users that have a voice mail subscription. It includes the user information and the associated voice mail information.
vw_Subscriber_PrimaryDtmf	View	A list of subscriber objects and their associated primary dtmf access ids.
vw_SubscriberContact	View	A narrow view of a subscriber and system contact that consists of only those attributes necessary for message addressing.
vw_SubscriberPolicy	View	Internal use only.
vw_User	View	Contains the account data and contact information of persons who have an account on the system and who can logon to the system. A person must have a user account on the system in order to logon and gain access system services such as a subscription to a voice mailbox.
vw_UserNonSubscriber	View	Same as vw_User, but excludes users with voice mail subscriptions
csp_CallhandlerModify	Stored Procedure	Updates the attributes of a CallHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.
csp_ContactCreate	Stored Procedure	Creates a contact representing a user in a remote mail system by inserting a new row into tbl_Contact. In addition to creating a new Contact object, this procedure also creates several Contact related objects: * A DtmfAccessId object by inserting a new row into tbl_DtmfAccessId. * An Alias object is created in the tbl_Alias table by calling csp_AliasCreate. * If the parameter @VoiceName contains a value other than NULL, a StreamFile object is created with the value of tbl_StreamFile.FileName = @VoiceName. If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.
csp_ContactModify	Stored Procedure	Updates the attributes of a Contact object based on the values passed in via the parameters. The @ObjectId parameter identifies the Contact object that is updated.
csp_DirectoryHandlerCreate	Stored Procedure	Creates a new DirectoryHandler object by inserting a new row into tbl_DirectoryHandler. This procedure also creates several other objects: * The call actions for Exit, No Input, No Selection and Zero conditions by inserting a new row into tbl_CallAction for each condition. * A new handler by inserting a new row into tbl_Handler * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.

Name	Object Type	Description
csp_DirectoryHandlerModify	Stored Procedure	Updates the attributes of a DirectoryHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the DirectoryHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in.
csp_DistributionListCreate	Stored Procedure	Creates a new DistributionList object by inserting a new row into tbl_DistributionList. It also creates a new Alias object in tbl_Alias by executing csp_AliasCreate. Two other objects may also be created: * If a DtmfAccessID is passed in, a new DtmfAccessId object is created by executing csp_DtmfAccessIdCreate. * If a VoiceName is passed in, a new StreamFile object is created by executing csp_StreamFileModify.
csp_DistributionListModify	Stored Procedure	Updates the attributes of a DistributionList object based on the values passed in via the parameters. The @ObjectId parameter identifies the DistributionList object that will be updated. This procedure will also update the DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.
csp_DtmfAccessIdCreate	Stored Procedure	Creates a new DtmfAccessId object (extension number) for a subscriber (primary and alternate extension), call handler, interview handler, directory handler, location, contact, or distribution list by inserting a new row into tbl_DtmfAccessId.
csp_DtmfAccessIdDelete	Stored Procedure	Deletes a DtmfAccessId object (extension number) from tbl_DtmfAccessId as specified by the @ObjectId parameter.
csp_DtmfAccessIdModify	Stored Procedure	Updates the attributes of a DtmfAccessId (extension) object for a subscriber (primary and alternate extension), call handler, interview handler, directory handler, location, contact, or distribution list based on the values passed in via the parameters. The @ObjectId parameter identifies the DtmfAccessId object that will be updated.
csp_GetObjectByAnyExtension	Stored Procedure	Takes a dtmf id as input and returns the object id associated with it and the "type" of the object id i.e. whether it is a subscriber, a distribution list or a contact. If the dtmf id cannot be found, the stored procedure returns NULL and -1.
csp_InterviewHandlerCreate	Stored Procedure	Creates a new InterviewHandler object by inserting a new row into tbl_InterviewHandler. This procedure also creates several other objects: * The after message action by inserting a new row into tbl_CallAction * A new handler by inserting a new row into tbl_Handler * Twenty empty interview handler questions by inserting 20 new rows into tbl_InterviewHandlerQuestion * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.
csp_InterviewHandlerModify	Stored Procedure	Updates the attributes of an InterviewHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the InterviewHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.

Name	Object Type	Description
csp_LocationVMSCreate	Stored Procedure	Creates a new LocationVMS object by inserting a new row into tbl_LocationVMS. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVMSModify	Stored Procedure	Updates the attributes of a LocationVMS object and those attributes of a Location object relevant to a VMS based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVMS and Location objects that are updated.
csp_LocationVPIMCreate	Stored Procedure	Creates a new LocationVPIM object by inserting a new row into tbl_LocationVPIM. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVPIMModify	Stored Procedure	Updates the attributes of a LocationVPIM object and those attributes of a Location object relevant based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVPIM and Location objects that are updated.
csp_SubscriberCreate	Stored Procedure	Creates a new voice mail user (subscriber).
csp_SubscriberModify	Stored Procedure	Updates the attributes of a voice mail user (subscriber) based on the values passed in.
tr_DtmfAccessId_Insert_Update	Trigger	Only digits allowed in primary extension.

Table Triggers

Name	Event To Fire On	Description	Notes
tr_DtmfAccessId_Insert_Update	On Insert and On Update	Only digits allowed in primary extension.	

Column Properties

CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	The call is pulled back by the PA and the routed to the next PA destination.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	4

Property Name	Value
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The Client Matter Code (CMS) to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign account or billing codes to the call.
Notes:	
Business Rules:	A NULL indicates that a CMC is not required.
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of this DtmfAccessId to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Property Name	Value
Notes:	Used to "name" alternate extension slots such that they are displayed in administrative interfaces such as in PCA slots with those defined names such as mobile phone, home phone, etc. Currently, the ability to assign a name or label to an alternate extension is only implemented in PCA for subscriber defined alternate extensions. This column was formerly named "Description" in Unity 4.x.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Contact , vw_SubscriberPolicy , vw_User , vw_LocalVms , vw_DistributionList , vw_Subscriber , vw_Callhandler , vw_DtmfAccessId , vw_InterviewHandler , vw_DirectoryHandler , vw_UserNonSubscriber , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_LocationVMS , vw_Contact , vw_SubscriberContact , vw_LocationVPIM , vw_NotificationAllActiveDevices , vw_Location , vw_Subscriber_PrimaryDtmf
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ %\?'\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.

Property Name	Value
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IdIndex

Property Name	Value
Description:	An index into the alternate extensions for a subscriber.
Notes:	Differentiates extensions for a single user. This column replaces the "Alias" column in Cisco Unity Connection 4.0. as an index into a subscriber alternate extension. Cisco Unity Connection allows a subscriber to have 9 administrator specified alternate extensions and 5 subscriber defined (if allowed by COS) alternate extensions. A particular alternate extension can be located in this table by using the IdIndex. Non alternate extensions (subscriber primary, distribution list, location, etc.) have an IdIndex containing a value of 0.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this location (denormalized) belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DtmfAccessId object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Parent_ContactObjectId

Property Name	Value
Description:	The unique identifier of the Contact object to which this DtmfAccessId belongs.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Parent_DistributionListObjectID

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this DtmfAccessId belongs
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Parent_HandlerObjectID

Property Name	Value
Description:	The unique identifier of the Handler object to which this DtmfAccessId belongs
Notes:	This can be a call handler, interview handler, or directory handler
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Parent_LocationObjectid

Property Name	Value
Description:	The unique identifier of the Location object to which this DtmfAccessId belongs,
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Parent_SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this DtmfAccessId belongs
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	In the future, we should be able to grab this setting from Call Manager via AXL.
Occurrences In Views:	vw_DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.23. tbl_Greeting

A rule that for each call handler, defines which greetings are enabled, the greeting source, and the actions that Cisco Unity Connection takes during and after each greeting. Formerly referred to as "Messaging Rules."

Additional Information

Each call handler has a collection of six greetings:

Standard: Plays at all times unless overridden by another greeting. You cannot disable the standard greeting.

Off Hours: Plays during the closed (nonbusiness) hours defined for the active schedule. An off hours greeting overrides the standard greeting, and thus limits the standard greeting to the open hours defined for the active schedule.

Internal: Plays to internal callers only. An internal greeting overrides the standard and off hours greetings.

Busy: Plays when the extension is busy. A busy greeting overrides the standard, off hours, and internal greetings.

Alternate: Can be used for a variety of special situations, such as vacations, leave of absence, or a holiday. An alternate greeting overrides all other greetings.

Error: Plays when a caller attempts to dial an extension that does not exist on the system during a greeting.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	CallHandlerObjectId	char (36 characters)	False	The unique identifier of the CallHandler object to which this greeting rule belongs.	ObjectID
PK	GreetingType	nvarchar (12 characters)	False	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.	GreetingRuleName
FK	AfterGreetingCallActionObjectId	char (36 characters)	False	The unique identifier of the CallAction object that determines what action Cisco Unity Connection will take on the call after the greeting is played.	ObjectID
	IgnoreDigits	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.	Bool
	PlayWhat	smallint (2 bytes)	False	The source for the greeting when this greeting is active.	PlayWhat-Type
	RepromptDelay	smallint (2 bytes)	False	The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.	
	Reprompts	smallint (2 bytes)	False	The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	TimeExpires	datetime (8 bytes)	True	The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.	

Table Keys

PK_tbl_Greeting

Property Name	Value
Description:	Uniquely identifies a greeting in this table and exclusively represents this greeting throughout the database.
Type:	Primary
Column(s):	CallHandlerObjectId , GreetingType
Clustered?	True
Constraint Error String:	Duplicate greeting. A greeting with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Greeting.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Greeting.

Table Relationships (Foreign Keys)

tbl_Greeting has the following relationships with other tables:

tbl_Greeting.AfterGreetingCallActionObjectId (0..*)----- (1..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Greeting_AfterGreetingCallActionObjectId_tbl_CallAction_ObjectId
Description:	Each greeting must be assigned a call action that defines the "after greeting" action. Each "after greeting" type call action may be assigned to one or more greetings.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Greeting and tbl_CallAction linked by the foreign key AfterGreetingCallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call action designated as the after greeting action for this greeting or to assign a nonexistent call action as the after greeting action for this greeting.

tbl_Greeting.CallHandlerObjectId (6..6) ----- (1..1) tbl_CallHandler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Greeting_CallHandlerObjectId_tbl_CallHandler_ObjectId
Description:	Each greeting must be assigned to one call handler. Each call handler must be assigned six greetings.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Greeting and tbl_CallHandler linked by the foreign key CallHandlerObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the call handler is deleted, the FK Cascade Delete constraint will ensure that the corresponding greeting is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent call handler as the owner of this greeting.

Additional relationships with tbl_Greeting are defined in the following tables:

[tbl_GreetingStreamFile](#)

[tbl_GreetingStreamFile](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Greeting:

Name	Object Type	Description
vw_Greeting	View	A rule that for each call handler, defines which greetings are enabled, the greeting source, and the actions that Cisco Unity Connection takes during and after each greeting. Formerly referred to as "Messaging Rules."
vw_GreetingDisplay	View	A rule that for each call handler, defines which greetings are enabled, the greeting source, and the actions that Cisco Unity Connection takes during and after each greeting. Formerly referred to as "Messaging Rules."
csp_CallhandlerGetActiveGreeting	Stored Procedure	Determines the correct greeting to play based on some information about a call (internal? busy?) and schedules.

Name	Object Type	Description
csp_GreetingCreate	Stored Procedure	Creates a new Greeting object for a call handler by inserting a new row into tbl_Greeting.
csp_GreetingDelete	Stored Procedure	Deletes one of the six standard greetings for a call handler from tbl_Greeting as specified by the @CallHandlerObjectId and @GreetingType ("Standard", "Off Hours", etc.) parameters.
csp_GreetingModify	Stored Procedure	Modifies one of the six standard greetings for a call handler. The attributes of a Greeting object are updated based on the values passed in via the parameters. The @GreetingType and @CallHandlerObjectId parameter identify the Greeting object that is updated.

Table Triggers

No triggers are specified for tbl_Greeting.

Column Properties

AfterGreetingCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that determines what action Cisco Unity Connection will take on the call after the greeting is played.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this greeting rule belongs.
Notes:	A greeting can belong only to a call handler object.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_GreetingDisplay , vw_Greeting
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

GreetingType

Property Name	Value
Description:	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Notes:	<p>Values:</p> <p>Alternate: Alternate - can be used for a variety of special situations, such as vacations, leave of absence, or a holiday. An alternate greeting overrides all other greetings.</p> <p>Busy: Busy - plays when the extension is busy. A busy greeting overrides the standard, off hours, and internal greetings.</p> <p>Error: Error - plays when a caller attempts to dial an extension that does not exist on the system during a greeting.</p> <p>Holiday: Holiday - plays when holiday schedule is encountered unless overridden by an alternate greeting.</p> <p>Internal: Internal - plays to internal callers only. An internal greeting overrides the standard and off hours greetings.</p> <p>Off Hours: Off hours - plays during the closed (nonbusiness) hours defined for the active schedule. An off hours greeting overrides the standard greeting, and thus limits the standard greeting to the open hours defined for the active schedule.</p> <p>Standard: Standard - plays at all times unless overridden by another greeting. You cannot disable the standard greeting.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_GreetingDisplay , vw_Greeting
Primary Key:	True
Allow Null:	False
Default Value:	Standard

Property Name	Value
Custom Type:	GreetingRuleName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IgnoreDigits

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.
Notes:	<p>This column overrides all menu entry settings when this greeting is active. This has the same effect as setting all the menu entry keys for this handler to "locked". It's a shorthand way of locking callers into the greeting so they can't get out until it completes.</p> <p>Values: 0: Caller input enabled during greeting 1: Caller input ignored during greeting</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_GreetingDisplay , vw_Greeting
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PlayWhat

Property Name	Value
Description:	The source for the greeting when this greeting is active.
Notes:	<p>Values:</p> <p>0: System greeting - Cisco Unity Connection plays a prerecorded greeting along with the recorded name of the subscriber (for example, "Sorry, <subscriber name> is not available"). If the subscriber does not have a recorded name, Cisco Unity Connection plays the subscriber extension instead. When a greeting is enabled but not recorded, Cisco Unity Connection plays a prerecorded system greeting.</p> <p>1: Recorded greeting - use a personal recording for the call handler (or subscriber). This can be recorded over the phone or from the Cisco Unity Connection Administration and CPCA administrative interfaces on the call handler/subscriber.</p> <p>2: No greeting is played.</p>
Business Rules:	<p>Default values:</p> <p>Call handler - 1 (recording)</p> <p>Subscriber - 0 (system)</p>
Developer Notes:	
Occurrences In Views:	vw_GreetingDisplay , vw_Greeting
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	PlayWhatType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RepromptDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.
Notes:	<p>Values:</p> <p>0: Do wait without receiving caller input and do not replay greeting.</p> <p>1 or greater: Wait this number of seconds without receiving any input from the caller before playing the greeting again.</p>
Business Rules:	If reprompt is enabled, a default value of 2 seconds is recommended.
Developer Notes:	
Occurrences In Views:	vw_GreetingDisplay , vw_Greeting
Primary Key:	False
Allow Null:	False
Default Value:	2

Property Name	Value
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

Reprompts

Property Name	Value
Description:	The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.
Notes:	<p>This column is typically used when an audio text application is expecting input from a caller.</p> <p>Values:</p> <p>0: Do not reprompt - Cisco Unity Connection will play the greeting once and then the after-greeting action is taken.</p> <p>1 or greater: Number of times to reprompt.</p> <p>The value in the RepromptDelay column determines how many seconds to wait in between replays.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_GreetingDisplay , vw_Greeting
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

TimeExpires

Property Name	Value
Description:	The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.
Notes:	<p>Rather than use a simple on and off scheme for enabling greetings and transfer options, Cisco Unity Connection employs a date scheme. If the value is NULL or a date in the future then the greeting is considered enabled. If the date is sometime in the past, then the greeting is considered disabled.</p> <p>The "Enhanced Alternate Greeting" feature uses this column to specify how long the subscriber wants their alternate greeting enabled.</p> <p>The standard greeting rule should never be disabled.</p>
Business Rules:	
Developer Notes:	The date scheme concept was intended to support the capability of automatically expiring greetings and transfers, however that feature was never actually implemented.
Occurrences In Views:	vw_GreetingDisplay , vw_Greeting
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.24. tbl_GreetingStreamFile

A stream file containing the audio recording for a greeting for each language.

Additional Information

This allows a greeting to be recorded in several languages, which is particularly important for opening greeting call handlers.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	CallHandlerObjectId	char (36 characters)	False	The unique identifier of the CallHandler object to which the stream file belongs.	ObjectID
PK	GreetingType	nvarchar (12 characters)	False	The type of greeting (e.g., alternate) to which the stream file belongs.	GreetingRuleName
PK	LanguageCode	int (4 bytes)	False	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.	Language-Code
FK	StreamFileObjectId	char (36 characters)	False	The unique identifier of the StreamFile object for this language on this greeting.	ObjectID

Table Keys

PK_tbl_GreetingStreamFile

Property Name	Value
Description:	Uniquely identifies a greeting stream file for a particulate language in this table and exclusively represents this combination throughout the database.
Type:	Primary
Column(s):	CallHandlerObjectId , GreetingType , LanguageCode
Clustered?	True
Constraint Error String:	Duplicate greeting stream file. A greeting stream file with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_GreetingStreamFile.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_GreetingStreamFile.

Table Relationships (Foreign Keys)

tbl_GreetingStreamFile has the following relationships with other tables:

tbl_GreetingStreamFile.CallHandlerObjectId (1..*)----- (1..1) tbl_Greeting.CallHandlerObjectId

tbl_GreetingStreamFile.GreetingType (1..*)----- (1..1) tbl_Greeting.GreetingType

Property Name	Value
Relationship Name:	FK_tbl_GreetingStreamFile_CallHandlerObjectId_tbl_Greeting_CallHandlerObjectId
Description:	Each greeting stream file contains the audio for one greeting. Each greeting must have one or more greeting stream files.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_GreetingStreamFile and tbl_Greeting linked by the foreign key CallHandlerObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the greeting is deleted, the FK Cascade Delete constraint will ensure that the corresponding greeting stream file is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent greeting as the owner of this stream file that has the name of the audio file containing the audio recording for the greeting.

tbl_GreetingStreamFile.StreamFileObjectId (1..1)----- (1..1) tbl_StreamFile.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_GreetingStreamFile_StreamFileObjectId_tbl_StreamFile_ObjectId
Description:	Each greeting stream file must have one stream file. Each stream file must contain the audio for one greeting.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_GreetingStreamFile and tbl_StreamFile linked by the foreign key StreamFileObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the stream file that has the name of the audio file containing the audio recording for this greeting that is assigned to this greeting or to assign this greeting to a nonexistent stream file.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_GreetingStreamFile:

Name	Object Type	Description
vw_GreetingStreamFile	View	A simple view for tbl_GreetingStreamFile.
csp_GreetingStreamFileCreate	Stored Procedure	Creates a new GreetingStreamFile object in the specified language for a call handler by inserting a new row into tbl_GreetingStreamFile.
csp_GreetingStreamFileDelete	Stored Procedure	Deletes a GreetingStreamFile object from tbl_GreetingStreamFile as specified by the combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters. The StreamFile object in tbl_StreamFile associated with the GreetingStreamFile is also deleted by the procedure.
csp_GreetingStreamFileModify	Stored Procedure	Updates the attributes of a GreetingStreamFile object based on the values passed in via the parameters. The combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters identify the GreetingStreamFile object that is updated. The StreamFile object in tbl_StreamFile as specified by @StreamFile is also updated.
csp_GreetingStreamFileSet	Stored Procedure	Creates a new GreetingStreamFile object or updates the attributes of an existing GreetingStreamFile object in tbl_GreetingStreamFile. If the GreetingStreamFile object is not found as specified by the combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters, a new GreetingStreamFile object is created by executing csp_GreetingStreamFileCreate. If a GreetingStreamFile object is found matching the combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters, it is modified by executing csp_GreetingStreamFileModify.

Table Triggers

No triggers are specified for tbl_GreetingStreamFile.

Column Properties

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which the stream file belongs.
Notes:	This is provides Cisco Unity Connection with an easy way to discover what object a stream belongs.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_GreetingStreamFile

Property Name	Value
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

GreetingType

Property Name	Value
Description:	The type of greeting (e.g., alternate) to which the stream file belongs.
Notes:	<p>Combined with CallHandlerObjectId, this facilitates finding the parent Greeting.</p> <p>Values:</p> <p>Alternate: Alternate - can be used for a variety of special situations, such as vacations, leave of absence, or a holiday. An alternate greeting overrides all other greetings.</p> <p>Busy: Busy - plays when the extension is busy. A busy greeting overrides the standard, off hours, and internal greetings.</p> <p>Error: Error - plays when a caller attempts to dial an extension that does not exist on the system during a greeting.</p> <p>Holiday: Holiday - plays when holiday schedule is encountered unless overridden by an alternate greeting.</p> <p>Internal: Internal - plays to internal callers only. An internal greeting overrides the standard and off hours greetings.</p> <p>Off Hours: Off hours - plays during the closed (nonbusiness) hours defined for the active schedule. An off hours greeting overrides the standard greeting, and thus limits the standard greeting to the open hours defined for the active schedule.</p> <p>Standard: Standard - plays at all times unless overridden by another greeting. You cannot disable the standard greeting.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_GreetingStreamFile
Primary Key:	True
Allow Null:	False
Default Value:	Standard
Custom Type:	GreetingRuleName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.

Property Name	Value
Notes:	<p>The usage of this column permits recording greetings and perhaps other voice recordings in multiple languages.</p> <p>The language is stored as a LCID, for example 1033 for US English. See custom type LanguageCode for additional information.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241</p> <p>10249: English_Belize 10249</p> <p>1025: Arabic_Saudi_Arabia 1025</p> <p>10250: Spanish_Peru 10250</p> <p>1026: Bulgarian 1026</p> <p>1027: Catalan 1027</p> <p>1028: Chinese_Taiwan 1028</p> <p>1029: Czech 1029</p> <p>1030: Danish 1030</p> <p>1031: German_Standard 1031</p> <p>1032: Greek 1032</p> <p>1033: English_United_States 1033</p> <p>1034: Spanish_Traditional_Sort 1034</p> <p>1035: Finnish 1035</p> <p>1036: French_Standard 1036</p> <p>1037: Hebrew 1037</p> <p>1038: Hungarian 1038</p> <p>1039: Icelandic 1039</p> <p>1040: Italian_Standard 1040</p> <p>1041: Japanese 1041</p> <p>1042: Korean 1042</p> <p>1043: Dutch_Standard 1043</p> <p>1044: Norwegian_Bokmal 1044</p> <p>1045: Polish 1045</p> <p>1046: Portuguese_Brazilian 1046</p> <p>1047: Rhaeto-Romanic 1047</p> <p>1048: Romanian 1048</p> <p>1049: Russian 1049</p> <p>1050: Croatian 1050</p> <p>1051: Slovak 1051</p> <p>1052: Albanian 1052</p> <p>1053: Swedish 1053</p> <p>1054: Thai 1054</p> <p>1055: Turkish 1055</p> <p>1056: Urdu 1056</p> <p>1057: Indonesian 1057</p> <p>1058: Ukrainian 1058</p> <p>1059: Belarusian 1059</p> <p>1060: Slovenian 1060</p> <p>1061: Estonian 1061</p> <p>1062: Latvian 1062</p> <p>1063: Lithuanian 1063</p> <p>1065: Farsi 1065</p> <p>1066: Vietnamese 1066</p> <p>1067: Armenian 1067</p> <p>1068: Azeri_Latin 1068</p> <p>1069: Basque 1069</p> <p>1070: Sorbian 1070</p>

Property Name	Value
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058

Property Name	Value
	2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_GreetingStreamFile
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object for this language on this greeting.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.25. tbl_Handler

A base table for all type of handler objects such as call handler, interview handler and directory handler (formerly referred to as "name lookup handler").

Additional Information

A handler contains those properties common to all types of handlers.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectID	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a Handler object.	ObjectID
	CreationTime	datetime (8 bytes)	False	The date and time the handler is created.	
	DisplayName	nvarchar (64 characters)	False	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
	Language	int (4 bytes)	True	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.	Language-Code
FK	LocationObjectID	char (36 characters)	False	The unique identifier of the Location object to which this handler belongs.	ObjectID
	ObjectType	smallint (2 bytes)	False	The type of handler (CallHandler, InterviewHandler, or DirectoryHandler) for this object.	ObjectType
FK	StreamFileObjectID	char (36 characters)	True	The unique identifier of the StreamFile object that contains the voice file name for this handler.	ObjectID
	Undeletable	smallint (2 bytes)	False	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseCallLanguage	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool

Table Keys

PK_tbl_Handler

Property Name	Value
Description:	Uniquely identifies a handler in this table and exclusively represents this handler throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate handler. A handler with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Handler.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Handler.

Table Relationships (Foreign Keys)

tbl_Handler has the following relationships with other tables:

tbl_Handler.LocationObjectId (0..*)----- (1..1) tbl_Location.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Handler_LocationObjectId_tbl_Location_ObjectId
Description:	Each handler must belong to one location. Each location may have one or more handlers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Handler and tbl_Location linked by the foreign key LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a location to which a call, directory, or interview handler belongs; or to designate a nonexistent location as the owner of a call, directory, or interview handler.

tbl_Handler.StreamFileObjectId (1..1)----- (0..1) tbl_StreamFile.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Handler_StreamFileObjectId_tbl_StreamFile_ObjectId

Property Name	Value
Description:	Each handler may have one stream file containing its voice name. Each stream file containing a handler voice name must belong to one handler.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Handler and tbl_StreamFile linked by the foreign key StreamFileObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the stream file that has the name of the audio file containing the recorded voice name for a call, directory, or interview handler; or to assign this call, directory, or interview handler to a nonexistent stream file.

Additional relationships with tbl_Handler are defined in the following tables:

[tbl_CallHandler](#)

[tbl_DtmfAccessId](#)

[tbl_InterviewHandler](#)

[tbl_DirectoryHandler](#)

[tbl_Policy](#)

[tbl_CallAction](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Handler:

Name	Object Type	Description
vw_Callhandler	View	An all-purpose call transfer, greeting, message taking, and routing object. A call handler answers calls, greet callers with recorded prompts and provide them with information and options, route calls, and take messages.
vw_CallhandlerNonPrimary	View	An application call handler. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 0, which indicates this call handler is not a primary call handler for a subscriber.
vw_CallhandlerNonPrimary_List	View	A narrow view of an application call handler. This view provides a list of all application call handlers, which is used by CUSA to provide list of application call handlers in drop-down lists. It contains only the ObjectId and DisplayName for each call handler. The value of the "IsPrimary" column must be 0, which indicates this call handler is not a primary call handler for a subscriber.

Name	Object Type	Description
vw_CallhandlerPrimary	View	A primary call handler for a subscriber. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 1, which indicates this is the primary call handler for a subscriber.
vw_CallhandlerPrimaryTemplate	View	A call handler template that is part of a subscriber template.
vw_CallhandlerTemplate	View	A template for a call handler object. This view contains all the same columns as a call handler object. The value of the "IsTemplate" column must be 1, which indicates this row of a call handler object is a template.
vw_DirectoryHandler	View	A call routing object that enables outside callers to search for subscribers by spelling their name in the case where they don't know the user's extension number. When a caller searches on a subscriber name or part of a name, a directory handler looks up the extension and routes the call to the appropriate subscriber. Formerly called "NameLookupHandler."
vw_DirectoryHandler_List	View	A narrow view of a directory handler. This view provides a list of all directory handlers, which is used by CUSA to provide list of directory handlers in drop-down lists. It contains only the ObjectId and DisplayName for each directory handler.
vw_Handler	View	A base table for all type of handler objects such as call handler, interview handler and directory handler (formerly referred to as "name lookup handler").
vw_HandlerReference	View	Returns references to handlers from other objects.
vw_InterviewHandler	View	A type of Handler object that collects information from callers by playing a series of questions that have been recorded, and then recording the answers offered by callers.
vw_InterviewHandler_List	View	A narrow view of a interview handler. This view provides a list of all interview handlers, which is used by CUSA to provide list of interview handlers in drop-down lists. It contains only the ObjectId and DisplayName for each interview handler.
vw_RoutingRule	View	Contains a series of rules that let Cisco Unity Connection determine how to route incoming calls (e.g., to the operator, a specific subscriber, call handler, directory handler, or interview handler) based on the information that Cisco Unity Connection may have about a call, such as the calling phone number (ANI or caller ID), the trunk or port on which the call comes in, the dialed phone number (DNIS), the forwarding station, and the schedule.
vw_SubscriberReference	View	Returns a list of objects that reference this subscriber.
csp_CallhandlerModify	Stored Procedure	Updates the attributes of a CallHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.
csp_CallhandlerPrimaryTemplate Modify	Stored Procedure	<p>Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.</p> <p>Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.</p>

Name	Object Type	Description
csp_CallhandlerTemplateCreate	Stored Procedure	<p>Creates a new call handler template by inserting a new row into tbl_CallHandler. A call handler template is identical to a call handler except for one distinction --- IsTemplate column = true (1) signifies that a call handler object is a template. This procedure is used to create both primary and non-primary call handlers. csp_CallhandlerTemplateCreate sets the callhandler template attributes by using the values passed in and the default values from the specified callhandler template (optional). Note that a call handler template is optional to create a call handler template.</p> <p>In addition to creating a new handler and callhandler object, this stored procedure also creates the sub collections of call action, greeting, transferoption and menuentry objects associated with this callhandler template. If a VoiceName is passed in, a new voice name for the call handler template is created (executes csp_StreamFileModify) by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.</p> <p>To change the attributes for a call handler template, see csp_CallhandlerTemplateModify.</p>
csp_CallhandlerTemplateDelete	Stored Procedure	Deletes a CallHandler template object from tbl_CallHandler as specified by the @ObjectId parameter.
csp_CallhandlerTemplateModify	Stored Procedure	<p>Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.</p> <p>Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.</p>
csp_DirectoryHandlerCreate	Stored Procedure	<p>Creates a new DirectoryHandler object by inserting a new row into tbl_DirectoryHandler. This procedure also creates several other objects:</p> <ul style="list-style-type: none"> * The call actions for Exit, No Input, No Selection and Zero conditions by inserting a new row into tbl_CallAction for each condition. * A new handler by inserting a new row into tbl_Handler * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.
csp_DirectoryHandlerDelete	Stored Procedure	<p>Deletes a DirectoryHandler object from tbl_DirectoryHandler as specified by the @ObjectId parameter. This procedure also deletes several objects related to a DistributionList object:</p> <ul style="list-style-type: none"> * The base Handler object in tbl_Handler. * Each of the four CallAction objects in tbl_CallAction related to this DirectoryHandler. * If there is an extension number assigned to the DirectoryHandler, the related DtmfAccessId object is deleted from tbl_DtmfAccessId. * If the DirectoryHandler has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.

Name	Object Type	Description
csp_DirectoryHandlerModify	Stored Procedure	Updates the attributes of a DirectoryHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the DirectoryHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in.
csp_InterviewHandlerCreate	Stored Procedure	Creates a new InterviewHandler object by inserting a new row into tbl_InterviewHandler. This procedure also creates several other objects: * The after message action by inserting a new row into tbl_CallAction * A new handler by inserting a new row into tbl_Handler * Twenty empty interview handler questions by inserting 20 new rows into tbl_InterviewHandlerQuestion * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.
csp_InterviewHandlerDelete	Stored Procedure	Deletes an InterviewHandler object from tbl_InterviewHandler as specified by the @ObjectId parameter. This procedure also deletes several objects related to an InterviewHandler object: * The parent Handler object is deleted from tbl_Handler. (The FK cascade delete will actually delete the InterviewHandler along with all InterviewHandlerQuestions assigned to the InterviewHandler.) * The associated aftermessageaction is deleted from tbl_CallAction. * If there is an extension number assigned to the InterviewHandler, the related DtmfAccessId object is deleted from tbl_DtmfAccessId. * If the InterviewHandler has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.
csp_InterviewHandlerModify	Stored Procedure	Updates the attributes of an InterviewHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the InterviewHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.

Table Triggers

No triggers are specified for tbl_Handler.

Column Properties

CreationTime

Property Name	Value
Description:	The date and time the handler is created.
Notes:	

Property Name	Value
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_Handler , vw_InterviewHandler , vw_DirectoryHandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_Handler , vw_InterviewHandler , vw_DirectoryHandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate , vw_CallhandlerNonPrimary_List , vw_DirectoryHandler_List , vw_InterviewHandler_List , vw_RoutingRule
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.

Property Name	Value
Notes:	<p>This is the Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>A value of NULL means the language is inherited. If inherited is selected, Cisco Unity Connection determines the language to use for system prompts on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to Inherited for every rule and handler that processes a call, then the system prompts are played in the default phone language. For instance, if the call came in and hit an opening greeting that was set to 1033 for US English, that call is considered US English until it hits another object in the database that has a language setting other than NULL for inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063</p>

Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_Callhandler , vw_Handler , vw_InterviewHandler , vw_DirectoryHandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectID

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	Although for Cisco Unity Connection, only one primary location per VMS is supported, in a subsequent 5.x product release, multiple location objects per VMS are planned to provide multi-tenant capabilities.
Occurrences In Views:	vw_Callhandler , vw_Handler , vw_InterviewHandler , vw_DirectoryHandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	When other tables want to reference a row in this table, this is the value used to do it.
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_Handler , vw_HandlerReference , vw_SubscriberReference
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectType

Property Name	Value
Description:	The type of handler (CallHandler, InterviewHandler, or DirectoryHandler) for this object.

Property Name	Value
Notes:	<p>Having the type here is mainly for efficiency - it would be possible to query the other tables to find which had this same object id, but that is more expensive.</p> <p>Values:</p> <p>0: Reserved - not assigned to an object.</p> <p>1: User account type.</p> <p>10: Template for creating a new user.</p> <p>100: Group owned by a Unity user.</p> <p>102: Personal address book type information for persons who are not Unity voice mail users.</p> <p>103: System call routing rule.</p> <p>11: Credential (i.e., password) policy for user accounts.</p> <p>12: A table containing a list of phone numbers subscribers can use for transferring calls, recording and playback by phone from Cisco Unity Connection applications, delivering faxes to a fax machine, and sending message notifications.</p> <p>13: A collection of privileges that control administrative access to the system.</p> <p>14: Discrete rights granted to perform an operation on a type of resource.</p> <p>15: Grants a user a Role in a particular area.</p> <p>16:</p> <p>17: Associates a user as a member of a system PDL.</p> <p>18:</p> <p>19:</p> <p>2: System distribution list.</p> <p>20: Unknown object type.</p> <p>21: User that has a subscription to a voice mail service and as such also is assigned at least one mailbox.</p> <p>22: A user in a remote mail system.</p> <p>3: CallHandler</p> <p>5: Special case call handler that asks the caller up to 20 questions.</p> <p>6: Directory Handler used to search a subset of the directory. Formerly referred to as "NameLookupHandler."</p> <p>64: Holds members of a voice mail user's private distribution list.</p> <p>65: Transfer rule for contacting a voice mail user. Formerly referred to as "Contact Rule."</p> <p>66: Defines the greeting to play and the action to take for a call handler. Formerly referred to as "Messaging Rule."</p> <p>67: Touch-tone menu entry for a call handler.</p> <p>68: The number or number pattern to be locked or allowed in Restriction table.</p> <p>69: A question associated with an interview handler.</p> <p>7: A schedule.</p> <p>70: Special type of notification device used to set/clear message waiting indication on phone.</p> <p>71: Set of parameters for phone, fax or pager for notification of new messages.</p> <p>72: Specifies when and which notification device is used for notification of a new message.</p> <p>8: Class of service.</p> <p>9:</p> <p>95: VPIM location.</p> <p>97: Bridge location.</p> <p>98: AMIS location.</p> <p>99: A Virtual Messaging System (VMS) location.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Handler , vw_RoutingRule
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	3
Custom Type:	ObjectType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that contains the voice file name for this handler.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_InterviewHandler , vw_DirectoryHandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.

Property Name	Value
Notes:	Used to prevent the deletion of factory defaults such as the "Opening Greeting" call handler. 0: The handler can be deleted 1: The handler cannot be deleted
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_Handler , vw_InterviewHandler , vw_DirectoryHandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag allows that language to be the language used by handlers in the system to play prompts for users. Values: 0: Do not use the language specified by the system call routing rule to play prompts for users 1: Use the language specified by the system call routing rule to play prompts for users
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Callhandler , vw_Handler , vw_InterviewHandler , vw_DirectoryHandler , vw_CallhandlerTemplate , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_CallhandlerPrimaryTemplate
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.26. tbl_InstalledLanguage

A name of an installed GUI or TUI language on the VMS server. The SA uses this to populate their drop down language lists.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	LanguageCode	int (4 bytes)	False	The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.	Language-Code
PK	LanguageType	int (4 bytes)	False	The type of language (TUI, GUI, etc.)	Language-Type
	Loaded	smallint (2 bytes)	False	A flag indicating whether this language is loaded at run time.	Bool

Table Keys

PK_tbl_InstalledLanguage

Property Name	Value
Description:	Uniquely identifies the combination of the languagetype and languagecode in this table and exclusively represents this combination throughout the database.
Type:	Primary
Column(s):	LanguageCode , LanguageType
Clustered?	True
Constraint Error String:	Duplicate installed language. A installed language with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_InstalledLanguage.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_InstalledLanguage.

Table Relationships (Foreign Keys)

tbl_InstalledLanguage has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_InstalledLanguage:

Name	Object Type	Description
vw_InstalledLanguage	View	A simple view for tbl_InstalledLanguage.
csp_InstalledLanguageCreate	Stored Procedure	Creates a new InstalledLanguage object by inserting a new row into tbl_InstalledLanguage.
csp_InstalledLanguageDelete	Stored Procedure	Deletes a InstalledLanguage object from tbl_InstalledLanguage as specified by the combination of the @LanguageCode and @LanguageType parameters.
csp_InstalledLanguageModify	Stored Procedure	Updates the attributes of an InstalledLanguage object based on the values passed in via the parameters. The @LanguageCode and @LanguageType parameters identify the InstalledLanguage object that will be updated.

Table Triggers

No triggers are specified for tbl_InstalledLanguage.

Column Properties

LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.

Property Name	Value
Notes:	Values: 10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073 1074: Tswana 1074 1076: Xhosa 1076 1077: Zulu 1077

Property Name	Value
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067
	2068: Norwegian_Nynorsk 2068
	2070: Portuguese_Standard 2070
	2072: Romanian (Moldavia) 2072

Property Name	Value
	2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_InstalledLanguage
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageType

Property Name	Value
Description:	The type of language (TUI, GUI, etc.)
Notes:	Values: 0: TUI 1: GUI 2: VUI 3: TTS
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_InstalledLanguage
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Loaded

Property Name	Value
Description:	A flag indicating whether this language is loaded at run time.
Notes:	Any number of languages may be installed, but the license limits those that may be utilized at run time (loaded). Values: 0: This language is not loaded at run time 1: This language is loaded at run time
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_InstalledLanguage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.27. tbl_InterviewHandler

A type of Handler object that collects information from callers by playing a series of questions that have been recorded, and then recording the answers offered by callers.

Additional Information

An interview handler is used to ask the caller up to 20 questions and records all the responses into one long message, with beeps separating the individual responses. It allows the system to gather more specific, targeted information than would be gathered by a single open-ended question. An interview handler has no greetings collection, no transfer capabilities, and no user input abilities. For example, an interview handler could be used to take sales orders or to gather information for a product support line.

The interview handler has one associated CallAction object: "AfterMessage"

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generate identifier for a InterviewHandler object.	ObjectId
FK	AfterMessageCallActionObjectId	char (36 characters)	False	The unique identifier of the CallAction object that Cisco Unity Connection performs after an unidentified caller leaves a message for an interview handler.	ObjectId
FK	Recipient_DistributionListObjectId	char (36 characters)	True	The unique identifier of the DistributionList object where the recorded message of the interview handler should be routed.	ObjectId
FK	Recipient_SubscriberObjectId	char (36 characters)	True	The unique identifier of the Subscriber object where the recorded message of the interview handler should be routed.	ObjectId
	SendUrgentMsg	smallint (2 bytes)	False	A flag indicating whether an unidentified caller is given a choice to mark a message as Urgent or Normal, or if not given the choice, whether the message is always marked Normal (default value) or Urgent.	SendUrgentInterviewMsg

Table Keys

PK_tbl_InterviewHandler

Property Name	Value
Description:	Uniquely identifies an interview handler in this table and exclusively represents this interview handler throughout the database.

Property Name	Value
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate interview handler. A interview handler with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_InterviewHandler.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_InterviewHandler.

Table Relationships (Foreign Keys)

tbl_InterviewHandler has the following relationships with other tables:

tbl_InterviewHandler.AfterMessageCallActionObjectId (0..*)----- (1..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_InterviewHandler_AfterMessageCallActionObjectId_tbl_CallAction_ObjectId
Description:	Each interview handler must have one call action called "After message" call action. Each call action may be an action for one or more interview handlers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_InterviewHandler and tbl_CallAction linked by the foreign key AfterMessageCallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call action designated as the after message action for this interview handler or to assign this interview handler to a nonexistent call action.

tbl_InterviewHandler.ObjectId (0..1)----- (1..1) tbl_Handler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_InterviewHandler_ObjectId_tbl_Handler_ObjectId
Description:	Each interview handler is a handler. Each handler may be the base for one interview handler.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_InterviewHandler and tbl_Handler linked by the foreign key ObjectId.

Property Name	Value
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the handler is deleted, the FK Cascade Delete constraint will ensure that the corresponding interview handler is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this interview handler to a nonexistent handler.

tbl_InterviewHandler.Recipient_DistributionListObjectId (0..*)-----^(0..1)tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_InterviewHandler_Recipient_DistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Each interview handler may have one distribution list as the recipient of the message recorded by a interview handler. Each distribution list may be the recipient of the message recorded by one or more interview handlers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_InterviewHandler and tbl_DistributionList linked by the foreign key Recipient_DistributionListObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a distribution list that is designated as the recipient for the recorded messages or to designate a nonexistent distribution list as the message recipient for this interview handler.

tbl_InterviewHandler.Recipient_SubscriberObjectId (0..*)-----^(0..1)tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_InterviewHandler_Recipient_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each interview handler may have one subscriber as the recipient of the message recorded by the interview handler. Each subscriber may be the recipient of the message recorded by one or more interview handlers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_InterviewHandler and tbl_UserSubscriber linked by the foreign key Recipient_SubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	Only one Recipient_ column may be filled in.

Property Name	Value
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a user that is designated as the recipient for the recorded messages or to designate a nonexistent user as the message recipient for this interview handler.

Additional relationships with tbl_InterviewHandler are defined in the following tables:

[tbl_InterviewQuestion](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_InterviewHandler:

Name	Object Type	Description
vw_InterviewHandler	View	A type of Handler object that collects information from callers by playing a series of questions that have been recorded, and then recording the answers offered by callers.
vw_InterviewHandler_List	View	A narrow view of a interview handler. This view provides a list of all interview handlers, which is used by CUSA to provide list of interview handlers in drop-down lists. It contains only the ObjectId and DisplayName for each interview handler.
csp_InterviewHandlerCreate	Stored Procedure	Creates a new InterviewHandler object by inserting a new row into tbl_InterviewHandler. This procedure also creates several other objects: * The after message action by inserting a new row into tbl_CallAction * A new handler by inserting a new row into tbl_Handler * Twenty empty interview handler questions by inserting 20 new rows into tbl_InterviewHandlerQuestion * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.
csp_InterviewHandlerDelete	Stored Procedure	Deletes an InterviewHandler object from tbl_InterviewHandler as specified by the @ObjectId parameter. This procedure also deletes several objects related to an InterviewHandler object: * The parent Handler object is deleted from tbl_Handler. (The FK cascade delete will actually delete the InterviewHandler along with all InterviewHandlerQuestions assigned to the InterviewHandler.) * The associated aftermessageaction is deleted from tbl_CallAction. * If there is an extension number assigned to the InterviewHandler, the related DtmfAccessId object is deleted from tbl_DtmfAccessId. * If the InterviewHandler has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.

Name	Object Type	Description
csp_InterviewHandlerModify	Stored Procedure	Updates the attributes of an InterviewHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the InterviewHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.

Table Triggers

No triggers are specified for tbl_InterviewHandler.

Column Properties

AfterMessageCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection performs after an unidentified caller leaves a message for an interview handler.
Notes:	This value references a tbl_CallAction.ObjectId column. Possible actions are: <ul style="list-style-type: none"> * Say good-bye * Send caller to another call handler * Send caller to a directory handler * Send caller to a interview handler * Send caller to a greetings administrator * Send caller to sign-in i.e., subscriber logon conversation * Hang-up * Send caller to a subscriber * Send caller to a subscriber system transfer
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_InterviewHandler
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generate identifier for a InterviewHandler object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_Handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_InterviewHandler , vw_InterviewHandler_List
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_DistributionListObjectid

Property Name	Value
Description:	The unique identifier of the DistributionList object where the recorded message of the interview handler should be routed.
Notes:	
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Occurrences In Views:	vw_InterviewHandler
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

Recipient_SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object where the recorded message of the interview handler should be routed.
Notes:	
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Occurrences In Views:	vw_InterviewHandler
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller is given a choice to mark a message as Urgent or Normal, or if not given the choice, whether the message is always marked Normal (default value) or Urgent.
Notes:	Values: 0: Normal - interview messages left by unidentified calls are always marked normal. 1: Urgent - all interview messages left by unidentified calls are always marked urgent. 2: Ask - Cisco Unity Connection asks unidentified callers whether to mark their interview messages normal or urgent.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_InterviewHandler
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	SendUrgentInterviewMsg
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.28. tbl_InterviewQuestion

One of a possible 20 questions belonging to an interview handler.

Additional Information

All questions for all interview handlers on the system are stored in this table. To get all the questions for a specific interview handler, filter the value of the InterviewHandlerObjectId column against the tbl_InterviewHandler.ObjectId column. The resulting list of questions are those for the interview handler you selected.

The conversation is going to play these questions out in the order of the QuestionNumber column, which is a number from 1 to 20 representing up to 20 questions allowed per interview handler. Note that it is possible to have non contiguous entries in the list of questions. For example, question numbers 1, 2, 3, 6 and 8. The conversation is going to sort these in ascending order and play them out without any breaks. On the other hand, an administrative interface such as Cisco Unity Connection Administration will display all aliases including the "missing" numbers. In general, a non contiguous list of entries should be avoided.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	InterviewHandlerObjectId	char (36 characters)	False	The unique identifier of the InterviewHandler object to which this interview question belongs.	ObjectID
PK	QuestionNumber	smallint (2 bytes)	False	The interview question number. Questions are numbered from 1 to 20.	
	IsActive	smallint (2 bytes)	False	A flag indicating whether the question is used.	Bool
	MaxMsgLength	smallint (2 bytes)	False	The maximum recording length (in seconds) allowed for caller responses to the question.	
FK	StreamFileObjectId	char (36 characters)	True	The unique identifier of the StreamFile object containing the audio for this question.	ObjectID
	StreamText	nvarchar (256 characters)	False	The complete text of the question used for display purposes.	

Table Keys

PK_tbl_InterviewQuestion

Property Name	Value
Description:	Uniquely identifies an interview question in this table and exclusively represents this interview question throughout the database.
Type:	Primary

Property Name	Value
Column(s):	InterviewHandlerObjectId , QuestionNumber
Clustered?	True
Constraint Error String:	Duplicate interview question. A interview question with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_InterviewQuestion.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_InterviewQuestion.

Table Relationships (Foreign Keys)

tbl_InterviewQuestion has the following relationships with other tables:

tbl_InterviewQuestion.StreamFileObjectId (0..1) ----- (0..1) tbl_StreamFile.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_InterviewQuestion_StreamFileObjectId_tbl_StreamFile_ObjectId
Description:	Each InterviewQuestion may have an audio recording of the question text. Each audio recording (streamfile) may contain the audio for one interview question.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_InterviewQuestion and tbl_StreamFile linked by the foreign key StreamFileObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the stream file that has the name of the audio file containing the audio recording for this interview question or to assign this interview question to a nonexistent stream file.

tbl_InterviewQuestion.InterviewHandlerObjectId (0..20) ----- (1..1) tbl_InterviewHandler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_InterviewQuestion_InterviewHandlerObjectId_tbl_InterviewHandler_ObjectId
Description:	Each interview question must belong to one interview handler. Each interview handler may have up to twenty interview questions.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_InterviewQuestion and tbl_InterviewHandler linked by the foreign key InterviewHandlerObjectId.

Property Name	Value
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the interview handler is deleted, the FK Cascade Delete constraint will ensure that the corresponding media interview question is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent interview handler as the owner of this interview questions.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_InterviewQuestion:

Name	Object Type	Description
vw_InterviewHandlerQuestion	View	A simple view for tbl_InterviewQuestion.
csp_InterviewHandlerQuestionModify	Stored Procedure	Updates the attributes of an InterviewHandlerQuestion object based on the values passed in via the parameters. The combination of the @InterviewHandlerObjectId and @QuestionNumber parameters identify the InterviewHandlerQuestion object that will be updated. This procedure will also update the VoiceFile (StreamFile object), if the parameter @VoiceFile is passed in.

Table Triggers

No triggers are specified for tbl_InterviewQuestion.

Column Properties

InterviewHandlerObjectId

Property Name	Value
Description:	The unique identifier of the InterviewHandler object to which this interview question belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_InterviewHandlerQuestion
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActive

Property Name	Value
Description:	A flag indicating whether the question is used.
Notes:	Values: 0: The question is not in use or not recorded and should not be played. 1: The question is active and will be used.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_InterviewHandlerQuestion
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMsgLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed for caller responses to the question.
Notes:	If enabled, a warning tone will sound before the maximum message length is reached.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_InterviewHandlerQuestion

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	30
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

QuestionNumber

Property Name	Value
Description:	The interview question number. Questions are numbered from 1 to 20.
Notes:	A sequential index for this object within the particular interview handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_InterviewHandlerQuestion
Primary Key:	True
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	20

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object containing the audio for this question.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	Allowing NULL for now until we can ensure that it is always being set.
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamText

Property Name	Value
Description:	The complete text of the question used for display purposes.
Notes:	Defaults to the index ("1," "2," etc.)
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_InterviewHandlerQuestion
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.29. tbl_IpAddressAccessList

An IP address or group of IP addresses that is allowed to connect to the SMTP server. The SMTP server can be configured to: allow connections from any IP address, deny connections from any IP address, allow connections from an explicit IP address or group of IP addresses, or to allow connections from all IP addresses EXCEPT those explicitly specified to deny.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a IPAddressRestriction object.	ObjectID
	Address	varchar (40 characters)	True	Either the IP address for a single machine, a subnet address for a group of machines, or all addresses in the IPv4 address range (signified by "*"). The address may be in the format of IPv4, IPv4 CIDR (Classless Inter-Domain Routing) , or an asterisk ("*") character which means all IP addresses in the IPv4 range.	
	AllowConnection	smallint (2 bytes)	False	A flag indicating whether the SMTP server to which this row belongs, will allow or deny connections from this IP address/group of IP addresses. Values: 0: Deny connections from this IP address/group of IP addresses 1: Allow connections from this IP address/group of IP addresses (default)	Bool
FK	SmtpServerObjectId	char (36 characters)	False	The unique identifier of the SMTPServer to which this IP address belongs. A Foreign Key to tbl_SmtpServer.ObjectId.	ObjectID

Table Keys

CK_Address_Smtp_tbl_IpAddressAccessList_Address_SmtpServerObjectId

Property Name	Value
Description:	IP address must be unique for a given SMTP server.

Property Name	Value
Type:	Candidate
Column(s):	Address , SmtplibServerObjectId
Clustered?	False
Constraint Error String:	Duplicate IP address for this SMTP server.

PK_tbl_IpAddressAccessList

Property Name	Value
Description:	Uniquely identifies an IP address access record in this table and exclusively represents this IP address access list throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate IP address access list. A IP address access list record with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_IpAddressAccessList.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_IpAddressAccessList.

Table Relationships (Foreign Keys)

tbl_IpAddressAccessList has the following relationships with other tables:

tbl_IpAddressAccessList.SmtplibServerObjectId (1..*) ----- (1..1) tbl_SmtplibServer.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_IpAddressAccessList_SmtplibServerObjectId_tbl_SmtplibServer_ObjectId
Description:	Every entry in this table must have a corresponding SMTP server.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_IpAddressAccessList and tbl_SmtplibServer linked by the foreign key SmtplibServerObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this IP address to a nonexistent SMTP server.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_IpAddressAccessList:

Name	Object Type	Description
vw_IpAddressAccessList	View	An IP address or group of IP addresses that is allowed to connect to the SMTP server. The SMTP server can be configured to: allow connections from any IP address, deny connections from any IP address, allow connections from an explicit IP address or group of IP addresses, or to allow connections from all IP addresses EXCEPT those explicitly specified to deny.
vw_IpAddressAccessList_Composite	View	This view shows a subset of information from tbl_IpAddressAccessList, plus some derived IP address access information from tbl_LocationVPIM. This is based on the policy that all VPIM locations with specified IP addresses should automatically be granted access to the default SMTP server instance.
csp_IpAddressAccessListCreate	Stored Procedure	Create an entry in the access list that will allow or deny connections for the SMTP servers on this system from a single address or group of addresses.
csp_IpAddressAccessListDelete	Stored Procedure	Remove an entry for the access list.
csp_IpAddressAccessListModify	Stored Procedure	Modify an entry in the access list that will allow or deny connections for the SMTP servers on this system from a single address or group of addresses.

Table Triggers

No triggers are specified for tbl_IpAddressAccessList.

Column Properties

Address

Property Name	Value
Description:	Either the IP address for a single machine, a subnet address for a group of machines, or all addresses in the IPv4 address range (signified by "*"). The address may be in the format of IPv4, IPv4 CIDR (Classless Inter-Domain Routing) , or an asterisk ("*") character which means all IP addresses in the IPv4 range.
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	An ip address in CIDR notation with a of /0 is not supported. To indicate ALL ip addresses in the IPv4 address range, an "*" is used.
Occurrences In Views:	vw_IpAddressAccessList , vw_IpAddressAccessList_Composite
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	^0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])((/([1-9] 1[0-9] 2[0-9] 3[0-2]))?)[*]\$
Validation - Description:	Either: * IPv4 Address= X.X.X.X where X= 0..255. (Leading zeros allowed). * IPv4 CIDR notation consisting of IPv4/N where N=1..32 * An asterisk ("*") character which means allow all addresses.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AllowConnection

Property Name	Value
Description:	A flag indicating whether the SMTP server to which this row belongs, will allow or deny connections from this IP address/group of IP addresses. Values: 0: Deny connections from this IP address/group of IP addresses 1: Allow connections from this IP address/group of IP addresses (default)
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_IpAddressAccessList , vw_IpAddressAccessList_Composite
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a IPAddressRestriction object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_IpAddressAccessList
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtServerObjectld

Property Name	Value
Description:	The unique identifier of the SMTPServer to which this IP address belongs. A Foreign Key to tbl_SmtServer.Objectld.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_IpAddressAccessList , vw_IpAddressAccessList_Composite
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.30. tbl_IPPortReservation

A range of IP ports reserved for specific purposes.

Additional Information

The following two rows are inserted by Unity setup:

- * Purpose=SIP, min/max=5060/5300, VMSServerObjectId=NULL
- * Purpose=RTPRTCP, min/max=24576/32768, VMSServerObjectId=NULL

The SIP row constrains the SIP ports that you can assign to a port group (see tbl_MediaPortGroupIPPort).

The min/max range in the RTPRTCP row is used to configure avaudio.sys, which reads its settings from the registry. Note: 24576=0x6000 and 32768=0x8000.

There can be more than one IP range per purpose/VMS combination, but the ranges cannot overlap.

Table Business Rules

1. The MinIPPort value must not exceed the value of MaxIPPort.
2. The following TCP/IP port resources shall be reserved on a VMS by default:
SIP/PIMG call control: 5060-5300
RTP/RTCP SCCP: 24576-32768
RTP/RTCP ASR: 32784-33084
RTP/RTCP TTS: 33184-33484
RTP/RTCP SIP/PIMG voice: 22800-24575

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a IPPortReservation object.	ObjectID
	MaxIPPort	int (4 bytes)	False	The upper boundary of the IP port range.	
	MinIPPort	int (4 bytes)	False	The lower boundary of the IP port range.	
	Purpose	smallint (2 bytes)	False	The purpose for which ports in this range can be used.	IPPortPurpose
FK	VmsServerObjectId	char (36 characters)	True	The unique identifier of the VMSServer object to which this range applies.	ObjectID

Table Keys

PK_tbl_IPPortReservation

Property Name	Value
Description:	Uniquely identifies a range of reserved IP ports in this table and exclusively represents this group of reserved ports throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate IP port reservation. A IP port reservation with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_IPPortReservation.

Table Ad-Hoc Constraints

Min_Port_Exceeds_Max_Port

Property Name	Value
Description:	Checks whether the value of MaxIPPort is greater than or equal to the value of MinIPPort.
Notes:	It is possible to reserve a single port, in which case MinIPPort and MaxIPPort will contain the same value.
Developer Notes:	
Business Rules:	
Constraint Error String:	The lower boundary of the IP port range is greater than the upper boundary.

Table Relationships (Foreign Keys)

tbl_IPPortReservation has the following relationships with other tables:

tbl_IPPortReservation.VmsServerObjectId (0..*) -----(1..1) tbl_VMSServer.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_IPPortReservation_VmsServerObjectId_tbl_VMSServer_ObjectId
Description:	Each IP port reservation must define the range of reserved ports for one VMS server. Each VMS server may have one or more IP port reservations, each containing a range of reserved ports.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_IPPortReservation and tbl_VMSServer linked by the foreign key VmsServerObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the VMS server is deleted, the FK Cascade Delete constraint will ensure that the corresponding IP Port reservation is also deleted.
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to assign this IP port to a nonexistent VMS server.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_IPPortReservation:

Name	Object Type	Description
vw_IPPortReservation	View	A simple view for tbl_IPPortReservation.
csp_IPPortReservationCreate	Stored Procedure	Creates a new IPPortReservation object by inserting a new row into tbl_IPPortReservation. A IPPortReservation object consists of a range of IP ports that are reserved for specific purposes such as reserving IP ports 5060-5300 for SIP.
csp_IPPortReservationDelete	Stored Procedure	Deletes a IPPortReservation object from tbl_IPPortReservation as specified by the @ObjectId parameter.
csp_IPPortReservationModify	Stored Procedure	Updates the attributes of a IPPortReservation object based on the values passed in via the parameters. The @ObjectId parameter identifies the IPPortReservation object that is updated.
tr_IPPortReservation_Insert	Trigger	
tr_IPPortReservation_Update	Trigger	

Table Triggers

Name	Event To Fire On	Description	Notes
tr_IPPortReservation_Insert	On Insert		
tr_IPPortReservation_Update	On Update		

Column Properties

MaxIPPort

Property Name	Value
Description:	The upper boundary of the IP port range.
Notes:	
Business Rules:	Range: 0-65535.
Developer Notes:	
Occurrences In Views:	vw_IPPortReservation

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

MinIPPort

Property Name	Value
Description:	The lower boundary of the IP port range.
Notes:	
Business Rules:	Range: 0-65535.
Developer Notes:	
Occurrences In Views:	vw_IPPortReservation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a IPPortReservation object.
Notes:	

Property Name	Value
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_IPPortReservation
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Purpose

Property Name	Value
Description:	The purpose for which ports in this range can be used.
Notes:	Values: 505: Incoming SIP call control to establish media session 506: Outgoing SIP UDP 507: RTP and RTCP 508: All SMTP traffic
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_IPPortReservation
Primary Key:	False
Allow Null:	False
Default Value:	500
Custom Type:	IPPortPurpose
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object to which this range applies.
Notes:	A value of NULL indicates the range applies to all servers in the VMS. FK to VMSServer.ObjectId
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_IPPortReservation
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.31. tbl_LanguageMap

Maintains a mapping of language code to language abbreviation.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	LanguageAbbreviation	varchar (3 characters)	False	Three letter language abbreviation such as "ENU"	
PK	LanguageCode	int (4 bytes)	False	LanguageCode (LCID)	Language-Code
	LanguageTag	varchar (10 characters)	False	The locale identification expressed as a combination of the ISO language and country codes separated by a hyphen. The format used is <ll>-<CC> where <ll> is the lowercase ISO language code and <CC> is the uppercase ISO country code. e.g. fr-FR, fr-CH, fr-CA .	

Table Keys

CK_tbl_LanguageMap_LanguageTag

Property Name	Value
Description:	Uniquely identifies a LanguageTag in tbl_LanguageMap
Type:	Candidate
Column(s):	LanguageTag
Clustered?	False
Constraint Error String:	Duplicate language tag.

PK_tbl_LanguageMap

Property Name	Value
Description:	LanguageCode must be unique.
Type:	Primary
Column(s):	LanguageAbbreviation , LanguageCode

Property Name	Value
Clustered?	False
Constraint Error String:	Duplicate language map record. A language map record with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_LanguageMap.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_LanguageMap.

Table Relationships (Foreign Keys)

tbl_LanguageMap has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_LanguageMap:

Name	Object Type	Description
vw_LanguageMap	View	Simple view for tbl_LanguageMap

Table Triggers

No triggers are specified for tbl_LanguageMap.

Column Properties

LanguageAbbreviation

Property Name	Value
Description:	Three letter language abbreviation such as "ENU"
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LanguageMap
Primary Key:	True
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	varchar (3 characters)
Validation - Expression:	[A-Z]{3,3}
Validation - Description:	Three letters (uppercase)
Validation - Minimum Length:	3 characters
Validation - Maximum Length:	3 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	LanguageCode (LCID)

Property Name	Value
Notes:	Values: 10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073 1074: Tswana 1074 1076: Xhosa 1076 1077: Zulu 1077

Property Name	Value
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067
	2068: Norwegian_Nynorsk 2068
	2070: Portuguese_Standard 2070
	2072: Romanian (Moldavia) 2072

Property Name	Value
	2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LanguageMap
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageTag

Property Name	Value
Description:	The locale identification expressed as a combination of the ISO language and country codes separated by a hyphen. The format used is <ll>-<CC> where <ll> is the lowercase ISO language code and <CC> is the uppercase ISO country code. e.g. fr-FR, fr-CH, fr-CA .
Notes:	In some instances, a ISO 639-1 alpha-2 code <ll> is not available. In this case a ISO 639-2 alpha-3 code <lll> is used.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LanguageMap
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (10 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	12 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.32. tbl_LicenseFileStatus

Maintains the status of one or more license files for this particular system.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	FileName	varchar (64 characters)	False	Name of the license file (not including path).	
	Installed	smallint (2 bytes)	False	Indicates if license file is installed.	Bool
	Summary	varchar (254 characters)	False	The reason the install of the file failed (if any).	

Table Keys

PK_tbl_LicenseFileStatus

Property Name	Value
Description:	FileName must be unique.
Type:	Primary
Column(s):	FileName
Clustered?	False
Constraint Error String:	Duplicate license file. A license file with that file name already exists.

Table Indexes

No indexes are specified for tbl_LicenseFileStatus.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_LicenseFileStatus.

Table Relationships (Foreign Keys)

tbl_LicenseFileStatus has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_LicenseFileStatus:

Name	Object Type	Description
vw_LicenseFileStatus	View	Simple view for tbl_LicenseFileStatus
csp_LicenseFileStatusCreate	Stored Procedure	Creates a new LicenseFileStatus object by inserting a new row into tbl_LicenseFileStatus.
csp_LicenseFileStatusDelete	Stored Procedure	Deletes a LicenseFileStatus object from tbl_LicenseFileStatus as specified by the @FileName parameter.
csp_LicenseFileStatusModify	Stored Procedure	Updates the attributes of a LicenseFileStatus object based on the values passed in via the parameters. The @FileName parameter identifies the LicenseFileStatus object that is updated.

Table Triggers

No triggers are specified for tbl_LicenseFileStatus.

Column Properties

FileName

Property Name	Value
Description:	Name of the license file (not including path).
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseFileStatus
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Installed

Property Name	Value
Description:	Indicates if license file is installed.
Notes:	If license file is not installed there may have been a failure. Details of failure are stored in the Summary column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseFileStatus
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Summary

Property Name	Value
Description:	The reason the install of the file failed (if any).
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseFileStatus
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	254 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.33. tbl_LicenseStatus

Maintains the overall status of the license features, which are an amalgamation of entries from one or more license files.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	TagName	varchar (64 characters)	False	The tag or feature name.	
	ComplianceTime	datetime (8 bytes)	True	The last time when this feature was compliant.	
	ComplianceType	int (4 bytes)	False	Type of license evaluation for compliance.	LicenseComplianceType
	LastRestartTime	datetime (8 bytes)	True	The time when the process related to the feature was last restarted.	
	Limit	int (4 bytes)	False	The limit on the feature as set by the license files. It is a number specifying the count or the enabled/disabled state of the feature.	
	NextExpiryTime	datetime (8 bytes)	True	The next expiry time for this feature as per the license tags for this feature.	
	Overdraft	int (4 bytes)	True	Overdraft.	
	RestartLimit	int (4 bytes)	False	The limit which will be effective after the process related to the feature is restarted.	
	Status	int (4 bytes)	False	The status value of this license feature.	LicenseStatus
	Usage	int (4 bytes)	False	The current usage of the feature in the system. It is a number specifying the current usage count or if the feature is in use.	

Table Keys

PK_tbl_LicenseStatus

Property Name	Value
Description:	TagName uniquely identifies an entry in tbl_LicenseStatus
Type:	Primary
Column(s):	TagName
Clustered?	False
Constraint Error String:	Duplicate tag name. A license status record with that tag name already exists.

Table Indexes

No indexes are specified for tbl_LicenseStatus.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_LicenseStatus.

Table Relationships (Foreign Keys)

tbl_LicenseStatus has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_LicenseStatus:

Name	Object Type	Description
vw_LicenseCount	View	Calculates current license usage counts.
vw_LicenseStatus	View	Simple view for tbl_LicenseStatus
csp_LicenseStatusCreate	Stored Procedure	Creates a new LicenseStatus object by inserting a new row into tbl_LicenseStatus.
csp_LicenseStatusDelete	Stored Procedure	Deletes a LicenseStatus object from tbl_LicenseStatus as specified by the @TagName parameter.
csp_LicenseStatusModify	Stored Procedure	Updates the attributes of a LicenseStatus object based on the values passed in via the parameters. The @TagName parameter identifies the LicenseStatus object that is updated.

Table Triggers

No triggers are specified for tbl_LicenseStatus.

Column Properties

ComplianceTime

Property Name	Value
Description:	The last time when this feature was compliant.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseStatus
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ComplianceType

Property Name	Value
Description:	Type of license evaluation for compliance.
Notes:	Values: 0: Not evaluated 1: Usage does not exceed the limit 2: Limit is positive and usage does not exceed it 3: Limit of 0 specifies that the usage is not allowed, other wise allowed
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseCount , vw_LicenseStatus
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	LicenseComplianceType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastRestartTime

Property Name	Value
Description:	The time when the process related to the feature was last restarted.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseStatus
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Limit

Property Name	Value
Description:	The limit on the feature as set by the license files. It is a number specifying the count or the enabled/disabled state of the feature.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseCount , vw_LicenseStatus
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NextExpiryTime

Property Name	Value
Description:	The next expiry time for this feature as per the license tags for this feature.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseStatus
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Overdraft

Property Name	Value
Description:	Overdraft.
Notes:	Not currently used - for future use.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseStatus
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RestartLimit

Property Name	Value
Description:	The limit which will be effective after the process related to the feature is restarted.
Notes:	For example, the VoicePortMax limit will be effective only after restarting the CuCsMgr
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseStatus
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Status

Property Name	Value
Description:	The status value of this license feature.
Notes:	Values: 0: Unknown - not evaluated 1: Evaluated and is valid 2: Violated - system will shutdown after grace period expires since ComplianceTime 3: Grace period has expeired and system will be shutdown
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseStatus
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	LicenseStatus
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

TagName

Property Name	Value
Description:	The tag or feature name.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseCount , vw_LicenseStatus
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Usage

Property Name	Value
Description:	The current usage of the feature in the system. It is a number specifying the current usage count or if the feature is in use.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LicenseStatus
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.34. tbl_LocalizedText

Text localized for specific immutable strings used in the administration interface.

Additional Information

Besides storing the localized text for immutable strings such as the localized names of user privileges or localized names of VMS server templates and roles, this table is also used to store the localized strings for items in the administrative interface that are added dynamically to a system. Currently there are only two things in the administrative interface that require this capability:

- * Subscriber conversation names, e.g. "Standard Conversation," "Optional Conversation 1"
- * Routable conversation names, e.g. user input keys, after message actions, after greeting actions, exit actions, etc.

This table is normally populated during system install.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	LanguageCode	int (4 bytes)	False	The language code (LCID) indicating the language of the text in the LocalizedName column.	Language-Code
PK	LocalizationKey	varchar (192 characters)	False	A familiar name referenced by other tables to obtain the localized name.	
	LocalizedName	lvarchar (1024 characters)	False	The localized version of the string.	

Table Keys

PK_tbl_LocalizedText

Property Name	Value
Description:	Uniquely identifies the combination of the localizationkey and languagecode in this table and exclusively represents this combination throughout the database.
Type:	Primary
Column(s):	LanguageCode , LocalizationKey
Clustered?	True
Constraint Error String:	Duplicate localized text record. A localized text string with that cobination of language code and localization key already exists.

Table Indexes

No indexes are specified for tbl_LocalizedText.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_LocalizedText.

Table Relationships (Foreign Keys)

tbl_LocalizedText has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_LocalizedText:

Name	Object Type	Description
vw_CallActionParentObjectMap	View	A simple view for tbl_CallActionParentObjectMap.
vw_Conversation	View	A subscriber or routable conversation and its localized name based on the language code.
vw_GreetingDisplay	View	A rule that for each call handler, defines which greetings are enabled, the greeting source, and the actions that Cisco Unity Connection takes during and after each greeting. Formerly referred to as "Messaging Rules."
vw_LocalizedText	View	A simple view for tbl_LocalizedText.
vw_Privilege	View	A view for tbl_Privilege, including the LocalizedName and LanguageCode for the privilege from tbl_LocalizedText.
vw_TimeZone	View	A simple view for tbl_TimeZone.
vw_VMSTemplateDisplay	View	Contains templates for configuring the VMS. A template is a predefined set of roles in a tested VMS configuration. Templates assign roles on servers based upon supported, approved configurations. This view contains both predefined templates that are shipped "out of the box" and customized templates created by the customer.
csp_GetLocalizedText	Stored Procedure	Retrieves the localized of text as specified by the @LanguageCode and @Localization parameters. If found, the localized version of the text along with parameter substitution (@arg1 - @arg5) is returned in @LocalizedText.

Table Triggers

No triggers are specified for tbl_LocalizedText.

Column Properties

LanguageCode

Property Name	Value
Description:	The language code (LCID) indicating the language of the text in the LocalizedName column.

Property Name	Value
Notes:	<p>The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Privilege , vw_Conversation , vw_GreetingDisplay , vw_TimeZone , vw_LocalizedText , vw_CallActionParentObjectMap , vw_VMSTemplateDisplay
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalizationKey

Property Name	Value
Description:	A familiar name referenced by other tables to obtain the localized name.
Notes:	
Business Rules:	LocalizationKey can only occur once in any given language.
Developer Notes:	
Occurrences In Views:	vw_LocalizedText
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (192 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode or ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	192 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalizedName

Property Name	Value
Description:	The localized version of the string.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Privilege , vw_TimeZone , vw_GreetingDisplay , vw_Conversation , vw_LocalizedText , vw_CallActionParentObjectMap , vw_VMSTemplateDisplay
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	lvarchar (1024 characters)
Validation - Expression:	^[^\x00-\x1F\x7F\x0A\x0D]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	1024 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.35. tbl_Location

An object representing a Cisco Unity Connection VMS or other voice messaging system. Contains all the location objects created on the VMS server.

Additional Information

This table is the superclass for all other types of location objects such as LocationVMS, LocationVPIM, etc. Please note that a LocationVMS replaces the "primary location" concept used in previous versions of Cisco Unity Connection.

All objects in the Cisco Unity Connection database are associated directly or indirectly with a location object.

Table Business Rules

* Location names should be unique at the VMS level

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a Location object.	ObjectId
	DestinationType	int (4 bytes)	False	For delivery locations, the destination type for that location, e.g. SMTP, AMIS, VPIM, Bridge.	Destination-Type
	DialingDomainName	nvarchar (40 characters)	True	The name of the dialing domain of which this location is a member.	
	DisplayName	nvarchar (64 characters)	False	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfName	varchar (16 characters)	True	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the location. These digits are used for searching the location by name via the phone.	DtmfName
	SmtptDomain	varchar (255 characters)	False	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtptAddress).	Domain-Name
FK	StreamFileObjectId	char (36 characters)	True	The unique identifier of the StreamFile object that represents the voice name for this location	ObjectId

Table Keys

CK_tbl_Location_DisplayName

Property Name	Value
Description:	Uniquely identifies the name of a location in tbl_Location.
Type:	Candidate
Column(s):	DisplayName
Clustered?	False
Constraint Error String:	Duplicate location name.

PK_tbl_Location

Property Name	Value
Description:	Uniquely identifies a location in this table and exclusively represents this location throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate location. A location with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Location.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Location.

Table Relationships (Foreign Keys)

tbl_Location has the following relationships with other tables:

tbl_Location.StreamFileObjectId (1..1) ----- (1..1) tbl_StreamFile.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Location_StreamFileObjectId_tbl_StreamFile_ObjectId
Description:	Each location has one recorded voice name (stream file). Each recorded voice name (stream file) is the voice name for one location.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Location and tbl_StreamFile linked by the foreign key StreamFileObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the stream file that has the name of the audio file containing the recorded voice name for this location or to assign this location to a nonexistent stream file.

Additional relationships with tbl_Location are defined in the following tables:

[tbl_Handler](#)

[tbl_DtmfAccessId](#)

[tbl_DtmfAccessId](#)

[tbl_DirectoryHandler](#)

[tbl_LocationVMS](#)

[tbl_Contact](#)

[tbl_AlternateName](#)

[tbl_LocationVPIM](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Location:

Name	Object Type	Description
vw_LocalVms	View	A recordset containing the properties of the local location VMS.
vw_Location	View	A simple view for tbl_Location
vw_LocationVMS	View	A simple view for tbl_LocationVMS.
vw_LocationVPIM	View	An object representing another voice messaging system to which Unity Connection can exchange messages via the VPIM protocol. This object is a sub-class of tbl_Location.
csp_LocationDelete	Stored Procedure	Deletes a Location object from tbl_Location as specified by the @ObjectId parameter.
csp_LocationVMSCreate	Stored Procedure	Creates a new LocationVMS object by inserting a new row into tbl_LocationVMS. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVMSDelete	Stored Procedure	Deletes a LocationVMS object from tbl_LocationVMS as specified by the @ObjectId parameter.
csp_LocationVMSModify	Stored Procedure	Updates the attributes of a LocationVMS object and those attributes of a Location object relevant to a VMS based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVMS and Location objects that are updated.
csp_LocationVPIMCreate	Stored Procedure	Creates a new LocationVPIM object by inserting a new row into tbl_LocationVPIM. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.

Name	Object Type	Description
csp_LocationVPIMDelete	Stored Procedure	Deletes a LocationVPIM object from tbl_LocationVPIM as specified by the @ObjectId parameter.
csp_LocationVPIMModify	Stored Procedure	Updates the attributes of a LocationVPIM object and those attributes of a Location object relevant based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVPIM and Location objects that are updated.

Table Triggers

No triggers are specified for tbl_Location.

Column Properties

DestinationType

Property Name	Value
Description:	For delivery locations, the destination type for that location, e.g. SMTP, AMIS, VPIM, Bridge.
Notes:	Values: 1: Cisco Unity Connection location. 2: SMTP location. 5: AMIS location. 7: Cisco Unity Connection Bridge. 8: VPIM location.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS , vw_LocationVPIM , vw_Location
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	DestinationType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DialingDomainName

Property Name	Value
Description:	The name of the dialing domain of which this location is a member.
Notes:	<p>A dialing domain is a collection of Unity VMS servers for which access codes or any other type of prefixing is not required to dial between the subscribers that are homed on each VMS server. A dialing domain provides a means to set the search scope for message addressing and for call transfers from the auto attendant and directory handler(s).</p> <p>Note that the dialing domain name is case sensitive and must be entered the same on all Cisco Unity Connection VMS servers that are members of the dialing domain.</p> <p>There is no limit to the number of Cisco Unity Connection VMS servers that can be assigned to a single dialing domain, and there is no limit to the number of dialing domains. However, a Cisco Unity Connection VMS server can be a member of only one dialing domain.</p>
Business Rules:	A Cisco Unity Connection VMS server can be a member of only one dialing domain.
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS , vw_LocationVPIM , vw_Location
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	The name of a location must be unique.
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS , vw_LocationVPIM , vw_Location
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfName

Property Name	Value
Description:	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the location. These digits are used for searching the location by name via the phone.
Notes:	
Business Rules:	When the display name of a location is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS , vw_Location
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Location object.
Notes:	
Business Rules:	Default value = newid().

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_Location
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtptDomain

Property Name	Value
Description:	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtptAddress).
Notes:	<p>The domain name is required by UMSS, and for the VPIM networking options. Both of these networking options use the Simple Mail Transfer Protocol (SMTP) for messaging between the local Cisco Unity Connection VMS server and the remote voice messaging system. When a subscriber on the local Cisco Unity Connection VMS server addresses a message to a remote user, Cisco Unity Connection uses the SMTP Domain Name to construct a From address, which is required by SMTP. Messages that are missing the domain name in the From address will not be delivered. Additionally, a valid From address allows the remote recipient to reply to the message.</p> <p>The syntax specification for this column is based on RFC 1035 (Domain Names - Implementation and Specification) and RFC 2282 (Internet Message Format). The syntax allows "host name" and FQDN as valid domain name.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS , vw_LocationVPIM , vw_Location
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DomainName
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^([a-zA-Z]([a-zA-Z\d]*[a-zA-Z\d])?.)+([a-zA-Z\d])+ \$

Property Name	Value
Validation - Description:	<code><domain> ::= <subdomain> " "</code> <code><subdomain> ::= <label> <subdomain> "." <label></code> <code><label> ::= <letter> [[<ldh-str>] <let-dig>]</code> <code><ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str></code> <code><let-dig-hyp> ::= <let-dig> "-"</code> The labels must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that represents the voice name for this location
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.36. tbl_LocationVMS

An object that identifies the Cisco Unity Connection VMS server or a partition on the VMS server. It contains the networking information needed to communicate with other locations, which can be Cisco Unity Connection VMS servers or other voice messaging systems.

A LocationVMS is a subclass of a superclass Location object.

Additional Information

Each Cisco Unity Connection VMS server has a LocationVMS. (VMS replaces the "primary location" concept used in previous versions of Cisco Unity Connection.) A LocationVMS is created during installation and cannot be deleted.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a LocationVMS object.	ObjectID
	AddressingMaxScope	smallint (2 bytes)	False	The scope (e.g., local VMS, dialing domain, entire Unity organization) of the search that Cisco Unity Connection performs when searching for a matching extension in the following cases: * When a subscriber addresses a message by using the phone. * When subscribers add members to private lists by using the phone or the Cisco Unity Connection Assistant. * When an administrator adds members to system or personal distribution lists by using the Cisco Unity Connection Administration. * When Cisco Unity Connection looks up the recipient for an incoming AMIS message.	Addressing-MaxScope
	AgcTargetDb	smallint (2 bytes)	False	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.	
	AllowBlindAddressing	smallint (2 bytes)	False	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	BlindAddressingMaxScope	smallint (2 bytes)	False	The scope (e.g., none, local VMS server, dialing domain, entire Unity organization) of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.	BlindAddressingMaxScope
	DefaultLanguage	int (4 bytes)	False	Default language for subscribers and call handlers.	Language-Code
	DefaultTTSLanguage	int (4 bytes)	False	Default language to use for TTS playback.	Language-Code
FK	DefaultWaveFormatObjectId	char (36 characters)	False	The unique identifier of the WaveFormat object that specifies the wave format in which recorded messages are stored if the requested format is not available on the system.	ObjectID
	IncludeLocations	smallint (2 bytes)	False	A flag indicating whether locations are included in searches. If set on the LocationVMS, the conversation will include locations in the search results.	Bool
	IsPrimary	smallint (2 bytes)	False	A flag indicating whether this location object is the "primary" location, which cannot be deleted. (Used to prevent deletion of factory defaults.)	Bool
	KeypadMapId	smallint (2 bytes)	False	The keypad map used by this location. The keypad map specifies the numeric keys to which the letters Q and Z are assigned to on the phone. This is specified during Cisco Unity Connection setup.	KeypadMap
	LastLicenseEvalTime	datetime (8 bytes)	True	The last time the license evaluation was done.	
	LocalPhonePrefix	nvarchar (64 characters)	True	<p>The number that is used to construct addresses for Cisco Unity Connection subscribers who send messages to individuals who use the voice messaging system that corresponds to this delivery location.</p> <p>On outgoing messages from Cisco Unity Connection subscribers to subscribers at this VPIM location, the prefix is added to the beginning of the sender mailbox number to form the From address.</p> <p>On incoming messages to Cisco Unity Connection subscribers from subscribers at this VPIM location, the prefix is removed from the beginning of the recipient mailbox number to form the To address.</p>	
	MaxContacts	int (4 bytes)	False	The maximum number of contacts that can be created for this location.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	MaxGreetingLength	int (4 bytes)	False	The maximum length (in seconds) allowed for recording a system greeting.	
	OverallLicenseState	int (4 bytes)	False	Specifies the overall license state. It is valid if none of the license feature is in shutdown state. When this state becomes shutdown, the application will be shutdown.	LicenseStatus
	SkinnyLocalCACertificate	lvvarchar (8000 characters)	True	The X.509 certificate formatted as a PEM format string (base-64 encoded).	
	SkinnyLocalCACertificateFileName	nvarchar (40 characters)	False	The file name that should be assigned to the SkinnyLocalCACertificate to install the certificate on the Cisco Unified Communications Manager server(s). Installing the certificate on the CCM servers causes CCM to trust any Skinny device certificates signed by it, which is what we need to establish TLS Skinny connections to the CCM servers in the cluster.	
	SkinnyLocal-CAPrivateKey	lvvarchar (8000 characters)	True	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).	
	SmtptSmartHost	varchar (40 characters)	True	IP address or host name of SMTP smart host.	
FK	TimeZone	int (4 bytes)	False	The TimeZone associated with this VMS.	
	TransferDialString	nvarchar (128 characters)	True	The phone number that a local Cisco Unity Connection VMS server dials to transfer a call to this Cisco Unity Connection VMS server.	
	TransferNumberOfRings	int (4 bytes)	False	The number of rings the local Cisco Unity Connection VMS server waits for this Cisco Unity Connection VMS server to answer. If this Cisco Unity Connection VMS server does not answer after the specified number of rings, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.	
	TransferTimeout	int (4 bytes)	False	The amount of time (in milliseconds) the local Cisco Unity Connection VMS server will wait for a response from this Cisco Unity Connection VMS server after this Cisco Unity Connection VMS server has answered the call. If this VMS server does not respond within the specified time period, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.	

Table Keys

PK_tbl_LocationVMS

Property Name	Value
Description:	Uniquely identifies a VMS location in this table and exclusively represents this VMS location throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate location VMS. A location VMS with that unique identifier already exists.

Table Indexes

Name	Description	Unique	Clustered	Sort Direction	Columns
IX_tbl_LocationVMS_IsPrimary	LocationVMS objects ordered by IsPrimary and ObjectId attributes.	False	False	Ascending	IsPrimary , ObjectId

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_LocationVMS.

Table Relationships (Foreign Keys)

tbl_LocationVMS has the following relationships with other tables:

tbl_LocationVMS.ObjectId (1..1) ----- (1..1) tbl_Location.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_LocationVMS_ObjectId_tbl_Location_ObjectId
Description:	Each LocationVMS is a Location. Each Location is the base for one LocationVMS.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_LocationVMS and tbl_Location linked by the foreign key ObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the Location is deleted, the FK Cascade Delete constraint will ensure that the corresponding LocationVMS is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent location as the owner of this VMS location.

tbl_LocationVMS.DefaultWaveFormatObjectId (0..*)----- (1..1) tbl_WaveFormat.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_LocationVMS_DefaultWaveFormatObjectId_tbl_WaveFormat_ObjectId
Description:	Each location VMS must have one default wave format. Each wave format may be the default wave format for one or more location VMSes.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_LocationVMS and tbl_WaveFormat linked by the foreign key DefaultWaveFormatObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the wave format to which this VMS location is assigned or to assign this VMS location to a nonexistent wave format.

tbl_LocationVMS.TimeZone (0..*)----- (1..1) tbl_TimeZone.TimeZoneId

Property Name	Value
Relationship Name:	FK_tbl_LocationVMS_TimeZone_tbl_TimeZone_TimeZoneId
Description:	Each location VMS must have one time zone. Each time zone may be assigned to one or more location VMSes.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_LocationVMS and tbl_TimeZone linked by the foreign key TimeZone.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the time zone to which this VMS location is assigned or to assign this VMS location to a nonexistent time zone.

Additional relationships with tbl_LocationVMS are defined in the following tables:

[tbl_Cos](#)

[tbl_DistributionList](#)

[tbl_CredentialPolicy](#)

[tbl_RestrictionTable](#)[tbl_Schedule](#)[tbl_ScheduleSet](#)[tbl_SMPPPProvider](#)[tbl_User](#)[tbl_Policy](#)[tbl_Alias](#)[tbl_Contact](#)[tbl_SmtpServer](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_LocationVMS:

Name	Object Type	Description
vw_LocalVms	View	A recordset containing the properties of the local location VMS.
vw_Location	View	A simple view for tbl_Location
vw_LocationVMS	View	A simple view for tbl_LocationVMS.
csp_LocationVMSCreate	Stored Procedure	Creates a new LocationVMS object by inserting a new row into tbl_LocationVMS. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVMSDelete	Stored Procedure	Deletes a LocationVMS object from tbl_LocationVMS as specified by the @ObjectId parameter.
csp_LocationVMSModify	Stored Procedure	Updates the attributes of a LocationVMS object and those attributes of a Location object relevant to a VMS based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVMS and Location objects that are updated.

Table Triggers

No triggers are specified for tbl_LocationVMS.

Column Properties

AddressingMaxScope

Property Name	Value
Description:	<p>The scope (e.g., local VMS, dialing domain, entire Unity organization) of the search that Cisco Unity Connection performs when searching for a matching extension in the following cases:</p> <ul style="list-style-type: none"> * When a subscriber addresses a message by using the phone. * When subscribers add members to private lists by using the phone or the Cisco Unity Connection Assistant. * When an administrator adds members to system or personal distribution lists by using the Cisco Unity Connection Administration. * When Cisco Unity Connection looks up the recipient for an incoming AMIS message.
Notes:	<p>Values:</p> <p>0: Local VMS - limits the search to subscribers created on the local Cisco Unity Connection VMS server.</p> <p>1: Dialing Domain.- if a match is not found while searching the local Cisco Unity Connection VMS server, the search expands to include subscribers created on other Cisco Unity Connection servers that are in the same dialing domain as the local Cisco Unity Connection VMS server.</p> <p>2: Unity organization - after searching the local Cisco Unity Connection VMS server and then the dialing domain (if there is one), the search expands to include every subscriber created on other Cisco Unity Connection VMS servers in the entire Unity organization.</p>
Business Rules:	
Developer Notes:	Moved from tbl_Location
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	AddressingMaxScope
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AgcTargetDb

Property Name	Value
Description:	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.

Property Name	Value
Notes:	<p>AGC will attempt to modify the incoming recording to match AGCTargetDB. This value is in decibels (dB) relative to the maximum amplitude possible for a PCM-encoded waveform, thus it is always less than zero. Values closer to zero are higher volume. Thus -10 dB is louder than -15 dB.</p> <p>AGC only affects recordings made with Cisco Unity Connection. AGC does not directly affect playback.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	-26
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	-35
Validation - Maximum Value:	-15

AllowBlindAddressing

Property Name	Value
Description:	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.
Notes:	<p>Values:</p> <p>0: Blind address searches are not allowed</p> <p>1: Blind address searches are allowed</p>
Business Rules:	
Developer Notes:	Moved from tbl_Location. For conversations, AMIS systems will look like locations that allow blind addressing.
Occurrences In Views:	vw_LocalVms , vw_LocationVMS , vw_Location
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

BlindAddressingMaxScope

Property Name	Value
Description:	The scope (e.g., none, local VMS server, dialing domain, entire Unity organization) of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.
Notes:	<p>Blind addressing provides a powerful tool for large sites who would like to share voice messaging capabilities across remote locations but do not want to synchronize messages and directory information across those same sites.</p> <p>Values:</p> <p>0: None - blind address searches are not allowed.</p> <p>1: Local VMS - limits the search to delivery locations that were created on the local Cisco Unity Connection VMS server.</p> <p>2: Dialing domain - if a match is not found while searching the local Cisco Unity Connection VMS server, the blind addressing search expands to include those delivery locations created on other Cisco Unity Connection VMS servers that are in the same dialing domain as the local Cisco Unity Connection VMS server.</p> <p>3: Organization - after searching the local Cisco Unity Connection VMS server and then the dialing domain (if there is one), the search expands to include every delivery location created on other Cisco Unity Connection VMS servers in the entire Unity organization.</p>
Business Rules:	
Developer Notes:	Moved from tbl_Location.
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	BlindAddressingMaxScope
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultLanguage

Property Name	Value
Description:	Default language for subscribers and call handlers.

Property Name	Value
Notes:	Values: 10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073 1074: Tswana 1074 1076: Xhosa 1076 1077: Zulu 1077

Property Name	Value
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067
	2068: Norwegian_Nynorsk 2068
	2070: Portuguese_Standard 2070
	2072: Romanian (Moldavia) 2072

Property Name	Value
	2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	1033
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultTTSLanguage

Property Name	Value
Description:	Default language to use for TTS playback.

Property Name	Value
Notes:	<p>This is separate from DefaultLanguage, because the set of possible TTS languages is much smaller depending on the engine being used.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241</p> <p>10249: English_Belize 10249</p> <p>1025: Arabic_Saudi_Arabia 1025</p> <p>10250: Spanish_Peru 10250</p> <p>1026: Bulgarian 1026</p> <p>1027: Catalan 1027</p> <p>1028: Chinese_Taiwan 1028</p> <p>1029: Czech 1029</p> <p>1030: Danish 1030</p> <p>1031: German_Standard 1031</p> <p>1032: Greek 1032</p> <p>1033: English_United_States 1033</p> <p>1034: Spanish_Traditional_Sort 1034</p> <p>1035: Finnish 1035</p> <p>1036: French_Standard 1036</p> <p>1037: Hebrew 1037</p> <p>1038: Hungarian 1038</p> <p>1039: Icelandic 1039</p> <p>1040: Italian_Standard 1040</p> <p>1041: Japanese 1041</p> <p>1042: Korean 1042</p> <p>1043: Dutch_Standard 1043</p> <p>1044: Norwegian_Bokmal 1044</p> <p>1045: Polish 1045</p> <p>1046: Portuguese_Brazilian 1046</p> <p>1047: Rhaeto-Romanic 1047</p> <p>1048: Romanian 1048</p> <p>1049: Russian 1049</p> <p>1050: Croatian 1050</p> <p>1051: Slovak 1051</p> <p>1052: Albanian 1052</p> <p>1053: Swedish 1053</p> <p>1054: Thai 1054</p> <p>1055: Turkish 1055</p> <p>1056: Urdu 1056</p> <p>1057: Indonesian 1057</p> <p>1058: Ukrainian 1058</p> <p>1059: Belarusian 1059</p> <p>1060: Slovenian 1060</p> <p>1061: Estonian 1061</p> <p>1062: Latvian 1062</p> <p>1063: Lithuanian 1063</p> <p>1065: Farsi 1065</p> <p>1066: Vietnamese 1066</p> <p>1067: Armenian 1067</p> <p>1068: Azeri_Latin 1068</p> <p>1069: Basque 1069</p> <p>1070: Sorbian 1070</p> <p>1071: Macedonian 1071</p> <p>1072: Sutu 1072</p> <p>1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	1033
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultWaveFormatObjectId

Property Name	Value
Description:	The unique identifier of the WaveFormat object that specifies the wave format in which recorded messages are stored if the requested format is not available on the system.
Notes:	
Business Rules:	
Developer Notes:	Default value is the well-known guid of 8K PCM u-Law
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	'8961a48d-085d-4023-a4b4-6f682f8a8578'
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeLocations

Property Name	Value
Description:	A flag indicating whether locations are included in searches. If set on the LocationVMS, the conversation will include locations in the search results.

Property Name	Value
Notes:	<p>Values: 0: Do not include locations in search results 1: Include locations in search results</p> <p>For this setting to be useful to subscribers, locations need to have recorded voice names. When enabled, this setting allows subscribers to address a message in two steps. First subscribers select a particular location (either by spelling the name or by entering the Dial ID). If Cisco Unity Connection finds a matching location, the recorded voice name for the location is played (assuming one has been recorded), and subscribers are prompted to either spell the name or enter the extension of the recipient. This allows subscribers to limit a search for a recipient to a specific location.</p> <p>This option is useful when the global directory is large and addressing a message by name results in many matches.</p>
Business Rules:	
Developer Notes:	Moved from tbl_Location
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this location object is the "primary" location, which cannot be deleted. (Used to prevent deletion of factory defaults.)
Notes:	<p>Each Cisco Unity Connection VMS server has a primary location, which is created during installation and which cannot be deleted. The primary location identifies the Cisco Unity Connection VMS server and contains the networking information needed to communicate with other locations, which can be Cisco Unity Connection servers or other voice messaging systems. The only location that cannot be deleted is the default "primary" location created by setup.</p> <p>Values: 0: Not primary location 1: Primary location</p>
Business Rules:	If True, this location object cannot be deleted.

Property Name	Value
Developer Notes:	This is one easy way to find the primary location object when you need it.
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

KeypadMapId

Property Name	Value
Description:	The keypad map used by this location. The keypad map specifies the numeric keys to which the letters Q and Z are assigned to on the phone. This is specified during Cisco Unity Connection setup.
Notes:	Values: 1: Map 1 - letter Q is mapped to the 7 key, Z to the 9 key. 2: Map 2 - letters Q and Z are mapped to the 1 key. 3: Map 3 - letters Q and Z are mapped to the 0 key.
Business Rules:	
Developer Notes:	Moved from tbl_Location
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	KeypadMap
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastLicenseEvalTime

Property Name	Value
Description:	The last time the license evaluation was done.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalPhonePrefix

Property Name	Value
Description:	<p>The number that is used to construct addresses for Cisco Unity Connection subscribers who send messages to individuals who use the voice messaging system that corresponds to this delivery location.</p> <p>On outgoing messages from Cisco Unity Connection subscribes to subscribers at this VPIM location, the prefix is added to the beginning of the sender mailbox number to form the From address.</p> <p>On incoming messages to Cisco Unity Connection subscribers from subscribers at this VPIM location, the prefix is removed from the beginning of the recipient mailbox number to form the To address.</p>
Notes:	<p>For example, if a subscriber extension is 1234 and their full phone number is 2065551234, the LocalPhonePrefix would be 206555.</p> <p>This is used currently for addressing via VPIM to other systems, but may see other use moving forward.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits 0-9 only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxContacts

Property Name	Value
Description:	The maximum number of contacts that can be created for this location.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxGreetingLength

Property Name	Value
Description:	The maximum length (in seconds) allowed for recording a system greeting.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	90
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a LocationVMS object.
Notes:	The value of this objectid is the same as the tbl_Location.ObjectId.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OverallLicenseState

Property Name	Value
Description:	Specifies the overall license state. It is valid if none of the license feature is in shutdown state. When this state becomes shutdown, the application will be shutdown.
Notes:	Values: 0: Unknown - not evaluated 1: Evaluated and is valid 2: Violated - system will shutdown after grace period expires since ComplianceTime 3: Grace period has expired and system will be shutdown
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	LicenseStatus
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyLocalCACertificate

Property Name	Value
Description:	The X.509 certificate formatted as a PEM format string (base-64 encoded).
Notes:	
Business Rules:	Pertinent only if telephony integration method is Skinny.
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (8000 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8000 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SkinnyLocalCACertificateFileName

Property Name	Value
Description:	The file name that should be assigned to the SkinnyLocalCACertificate to install the certificate on the Cisco Unified Communications Manager server(s). Installing the certificate on the CCM servers causes CCM to trust any Skinny device certificates signed by it, which is what we need to establish TLS Skinny connections to the CCM servers in the cluster.
Notes:	
Business Rules:	
Developer Notes:	The file name is calculated by same component that generates the value of SkinnyLocalCACertificate. The file name is the hash of the certificate subject with ".0" appended.
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyLocalCAPrivateKey

Property Name	Value
Description:	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Notes:	
Business Rules:	Pertinent only if telephony integration method is Skinny.
Developer Notes:	The key is encrypted using a symmetric algorithm known to the key generation facility and the Skinny TSP.
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (8000 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8000 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtSmartHost

Property Name	Value
Description:	IP address or host name of SMTP smart host.
Notes:	IPv6 addresses not supported.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	The TimeZone associated with this VMS.
Notes:	Refers to entry in tbl_TimeZone table.
Business Rules:	
Developer Notes:	Default to 4 (PST) to ensure it is non-NULL. We set it from the OS during setup.

Property Name	Value
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferDialString

Property Name	Value
Description:	The phone number that a local Cisco Unity Connection VMS server dials to transfer a call to this Cisco Unity Connection VMS server.
Notes:	Used with Cisco Unity Connection cross-server logon, transfer and live reply features.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferNumberOfRings

Property Name	Value
Description:	The number of rings the local Cisco Unity Connection VMS server waits for this Cisco Unity Connection VMS server to answer. If this Cisco Unity Connection VMS server does not answer after the specified number of rings, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Notes:	Used with Cisco Unity Connection cross-server logon, transfer and live reply features.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferTimeout

Property Name	Value
Description:	The amount of time (in milliseconds) the local Cisco Unity Connection VMS server will wait for a response from this Cisco Unity Connection VMS server after this Cisco Unity Connection VMS server has answered the call. If this VMS server does not respond within the specified time period, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Notes:	Used with Cisco Unity Connection cross-server logon, transfer and live reply features.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocalVms , vw_LocationVMS
Primary Key:	False
Allow Null:	False
Default Value:	5000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.37. tbl_LocationVPIM

An object representing another voice messaging system to which Unity Connection can exchange messages via the VPIM protocol. This object is a sub-class of tbl_Location.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a Contact object	ObjectID
	AudioFormatIncoming	smallint (2 bytes)	False	An enumeration indicating whether incoming VPIM messages from the remote system corresponding to this location should be converted to another audio format.	VpimAudioFormatIncoming
	AudioFormatOutgoing	smallint (2 bytes)	False	An enumeration indicating whether VPIM messages from Unity to the remote system corresponding to this location should be converted to another audio format.	VpimAudioFormatOutgoing
	AutoCreateDisplay-NameRule	varchar (128 characters)	True	Indicates how text names on incoming messages will be mapped to the display name for auto-created contacts. A value of NULL indicates the text name is mapped directly to the display name of the contact. A non-null value indicates this is a custom rule that defines the mapping of the text name to the display name. Example: <FirstName>, <LastName>	
	AutoCreateExtension-Rule	smallint (2 bytes)	False	An enumeration indicating how the phone number on incoming VPIM messages should be mapped to the extension for the auto-created contact.	VpimAutoCreateExtensionRule
FK	ContactTemplateObjectId	char (36 characters)	True	The template upon which to base new contacts created whose destination for messages is this LocationVPIM.	ObjectID
	EnableAGC	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should apply software-based gain control to messages received from this VPIM location.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	EnableAutoCreateContact	smallint (2 bytes)	False	A flag indicating whether a contact is automatically created when messages are received from senders at this location.	Bool
	EnableAutoCreateNoVoiceName	smallint (2 bytes)	False	A flag indicating whether a contact is automatically created/updated when the incoming VPIM message does not include a recorded voice name.	Bool
	EnableAutoDeleteContact	smallint (2 bytes)	False	A flag indicating whether a contact is automatically deleted when an NDR is received.	Bool
	EnableAutoUpdateContact	smallint (2 bytes)	False	An enumeration indicating whether a contact is automatically updated when messages are received from senders at this location, and if so, under what condition the contact is updated.	VpimEnableAutoUpdateContact
	EnableAutoUpdateContactDisplayName	smallint (2 bytes)	False	A flag indicating whether a contact's display name is updated when a contact is automatically updated.	Bool
	EnableOutgoingPrivateMessages	smallint (2 bytes)	False	A flag indicating whether outgoing messages can be marked "Private."	Bool
	EnableOutgoingSecureMessages	smallint (2 bytes)	False	A flag indicating whether outgoing messages can be marked "Secure."	Bool
	IncludeSenderVoiceName	smallint (2 bytes)	False	A flag indicating whether Unity adds the sender's recorded voice name to an outgoing VPIM message.	Bool
	IpAddress	varchar (40 characters)	True	The IP address of the VPIM server for this location.	IPAddress
	LastDirectoryPushDate	datetime (8 bytes)	True	The time and date of the last manual directory push to this VPIM location. NULL indicates no push has taken place.	
	ListContactsInDirectory	smallint (2 bytes)	False	A flag indicating whether a contact should be listed in the phone directory for outside callers, when a contact is automatically created. Default value is 0. Values: 0: Do not list contact in directory 1: List contact in directory	Bool
	LocalPhonePrefix	varchar (64 characters)	True	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.	
	PushDirectory	smallint (2 bytes)	False	Tells SMTP service whether or not to execute a manual directory push to this VPIM location.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	RemotePhonePrefix	varchar (64 characters)	True	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.	
	UseSmartSmtphost	smallint (2 bytes)	False	A flag indicating whether the Unity Connection SMTP server forwards messages to the SMTP Smart Host for delivery. Values: 0: Do not forward to SMTP Smart Host 1: Forward message to SMTP Smart Host	Bool

Table Keys

PK_tbl_LocationVPIM

Property Name	Value
Description:	Uniquely identifies a VPIM location in this table and exclusively represents this VPIM location throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate location VPIM. A location VPIM with that unique identifier already exists.

Table Indexes

Name	Description	Unique	Clustered	Sort Direction	Columns
IX_tbl_LocationVPIM_PushDirectory		False	False	Ascending	PushDirectory

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_LocationVPIM.

Table Relationships (Foreign Keys)

tbl_LocationVPIM has the following relationships with other tables:

tbl_LocationVPIM.ContactTemplateObjectId (0..*)-----^(0..1) tbl_Contact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_LocationVPIM_ContactTemplateObjectId_tbl_Contact_ObjectId

Property Name	Value
Description:	Each LocationVPIM may have one Contact, which acts as a template for creating other contacts whose destination for messages is this delivery location. Each Contact may act as a template for creating contacts for one or more LocationVPIM objects.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_LocationVPIM and tbl_Contact linked by the foreign key ContactTemplateObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a contact that is assigned to this location VPIM or to assign this locat VPIM to a nonexistent contact template.

tbl_LocationVPIM.ObjectId (1..1) ----- (1..1) tbl_Location.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_LocationVPIM_ObjectId_tbl_Location_ObjectId
Description:	Each location VPIM is a location. Each location is the base for one location VPIM.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_LocationVPIM and tbl_Location linked by the foreign key ObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the location is deleted, the FK Cascade Delete constraint will ensure that the corresponding location VPIM is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent location as the owner of this VPIM location.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_LocationVPIM:

Name	Object Type	Description
vw_LocationVPIM	View	An object representing another voice messaging system to which Unity Connection can exchange messages via the VPIM protocol. This object is a sub-class of tbl_Location.
csp_LocationVPIMCreate	Stored Procedure	Creates a new LocationVPIM object by inserting a new row into tbl_LocationVPIM. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.

Name	Object Type	Description
csp_LocationVPIMDelete	Stored Procedure	Deletes a LocationVPIM object from tbl_LocationVPIM as specified by the @ObjectId parameter.
csp_LocationVPIMModify	Stored Procedure	Updates the attributes of a LocationVPIM object and those attributes of a Location object relevant based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVPIM and Location objects that are updated.

Table Triggers

No triggers are specified for tbl_LocationVPIM.

Column Properties

AudioFormatIncoming

Property Name	Value
Description:	An enumeration indicating whether incoming VPIM messages from the remote system corresponding to this location should be converted to another audio format.
Notes:	Values: 0: No conversion 1: System default
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	VpimAudioFormatIncoming
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AudioFormatOutgoing

Property Name	Value
Description:	An enumeration indicating whether VPIM messages from Unity to the remote system corresponding to this location should be converted to another audio format.
Notes:	Values: 0: No conversion. 1: System default
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	VpimAudioFormatOutgoing
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AutoCreateDisplayNameRule

Property Name	Value
Description:	Indicates how text names on incoming messages will be mapped to the display name for auto-created contacts. A value of NULL indicates the text name is mapped directly to the display name of the contact. A non-null value indicates this is a custom rule that defines the mapping of the text name to the display name. Example: <FirstName>, <LastName>
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (128 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AutoCreateExtensionRule

Property Name	Value
Description:	An enumeration indicating how the phone number on incoming VPIM messages should be mapped to the extension for the auto-created contact.
Notes:	Values: 0: Extension is same as phone number 1: Form extension by removing remote phone prefix from phone number 2: Form extension by adding location dial ID in front of phone number 3: Form extension by removing remote phone prefix from phone number, and then add location dial ID in front of phone number
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	VpimAutoCreateExtensionRule
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ContactTemplateObjectId

Property Name	Value
Description:	The template upon which to base new contacts created whose destination for messages is this LocationVPIM.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAGC

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should apply software-based gain control to messages received from this VPIM location.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAutoCreateContact

Property Name	Value
Description:	A flag indicating whether a contact is automatically created when messages are received from senders at this location.
Notes:	Values: 0: A contact is not created when messages are received from senders at this location. 1: A contact is automatically created when messages are received from senders at this location.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAutoCreateNoVoiceName

Property Name	Value
Description:	A flag indicating whether a contact is automatically created/updated when the incoming VPIM message does not include a recorded voice name.
Notes:	Values: 0: A contact is not automatically created/updated when the incoming VPIM message does not include a recorded voice name. 1: A contact is automatically created/updated when the incoming VPIM message does not include a recorded voice name.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAutoDeleteContact

Property Name	Value
Description:	A flag indicating whether a contact is automatically deleted when an NDR is received.
Notes:	Values: 0: Contact is not deleted when an NDR is received. 1: Contact is automatically deleted when an NDR is received.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAutoUpdateContact

Property Name	Value
Description:	An enumeration indicating whether a contact is automatically updated when messages are received from senders at this location, and if so, under what condition the contact is updated.
Notes:	Values: 0: No automatic update of contacts 1: Automatically update contact only when the text name changes 2: Automatically update contact with each VPIM message
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	VpimEnableAutoUpdateContact
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAutoUpdateContactDisplayName

Property Name	Value
Description:	A flag indicating whether a contact's display name is updated when a contact is automatically updated.
Notes:	Values: 0: Contact's display name is not updated when a contact is automatically updated. However, when a contact is automatically updated, the contact's first name, last name, recorded voice name will be updated. 1: Contact's display name is updated when a contact is automatically updated.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableOutgoingPrivateMessages

Property Name	Value
Description:	A flag indicating whether outgoing messages can be marked "Private."
Notes:	Values: 0: Outgoing messages cannot be marked "private." 1: Outgoing messages can be marked "private."
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableOutgoingSecureMessages

Property Name	Value
Description:	A flag indicating whether outgoing messages can be marked "Secure."
Notes:	Values: 0: Outgoing messages cannot be marked "secure." 1: Outgoing messages can be marked "secure."
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeSenderVoiceName

Property Name	Value
Description:	A flag indicating whether Unity adds the sender's recorded voice name to an outgoing VPIM message.
Notes:	Values: 0: Do not include sender's voice name with outgoing VPIM message 1: Include sender's voice name with outgoing VPIM message
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IpAddress

Property Name	Value
Description:	The IP address of the VPIM server for this location.
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	IPAddress
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	^0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\$
Validation - Description:	IPv4 Address= X.X.X.X where X=0..255. Allows the use of leading zeros. For example, 019.021.055.001
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastDirectoryPushDate

Property Name	Value
Description:	The time and date of the last manual directory push to this VPIM location. NULL indicates no push has taken place.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ListContactsInDirectory

Property Name	Value
Description:	A flag indicating whether a contact should be listed in the phone directory for outside callers, when a contact is automatically created. Default value is 0. Values: 0: Do not list contact in directory 1: List contact in directory
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalPhonePrefix

Property Name	Value
Description:	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PushDirectory

Property Name	Value
Description:	Tells SMTP service whether or not to execute a manual directory push to this VPIM location.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RemotePhonePrefix

Property Name	Value
Description:	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseSmartSmtphost

Property Name	Value
Description:	A flag indicating whether the Unity Connection SMTP server forwards messages to the SMTP Smart Host for delivery. Values: 0: Do not forward to SMTP Smart Host 1: Forward message to SMTP Smart Host
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LocationVPIM
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

3.38. tbl_LoggerDiagnosticGrid

Diagnostic data used by the Log Manager and the UDT.

Additional Information

This information was formerly stored in the registry under AvLogMgr\Diagnostic Grid. Only the flags, default flags and date/time of last change are stored here. The level descriptions are in an external XML file, which is only used by the UDT.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a LoggerDiagnosticGrid object.	ObjectID
	DefaultFlags	int (4 bytes)	False	The default grid flags.	
	Flags	int (4 bytes)	True	The current grid flags.	
	LastChange	datetime (8 bytes)	False	The date and time of the last change.	
	Name	nvarchar (64 characters)	False	The text name of the diagnostic grid.	

Table Keys

CK_tbl_LoggerDiagnosticGrid_Name

Property Name	Value
Description:	Diagnostic grid name must be unique
Type:	Candidate
Column(s):	Name
Clustered?	False
Constraint Error String:	Diagnostic grid name must be unique

PK_tbl_LoggerDiagnosticGrid

Property Name	Value
Description:	Uniquely identifies a LoggerDiagnosticGrid in the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True

Property Name	Value
Constraint Error String:	Duplicate logger diagnostic grid. A logger diagnostic grid with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_LoggerDiagnosticGrid.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_LoggerDiagnosticGrid.

Table Relationships (Foreign Keys)

tbl_LoggerDiagnosticGrid has no relationships specified with other tables.

Additional relationships with tbl_LoggerDiagnosticGrid are defined in the following tables:

[tbl_LoggerJavaMapping](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_LoggerDiagnosticGrid:

Name	Object Type	Description
vw_LoggerDiagnosticGrid	View	A simple view for tbl_LoggerDiagnosticGrid.
csp_LoggerDiagnosticGridModify	Stored Procedure	Updates the attributes of a LoggerDiagnosticGrid object based on the values passed in via the parameters. The @ObjectId parameter identifies the LoggerDiagnosticGrid object that is updated.

Table Triggers

No triggers are specified for tbl_LoggerDiagnosticGrid.

Column Properties

DefaultFlags

Property Name	Value
Description:	The default grid flags.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LoggerDiagnosticGrid
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Flags

Property Name	Value
Description:	The current grid flags.
Notes:	If NULL, use DefaultFlags.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LoggerDiagnosticGrid
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastChange

Property Name	Value
Description:	The date and time of the last change.
Notes:	
Business Rules:	
Developer Notes:	Currently Optional: to replace broadcast setting in tbl_Configuration. This value will be maintained by the stored procedures.
Occurrences In Views:	vw_LoggerDiagnosticGrid
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Name

Property Name	Value
Description:	The text name of the diagnostic grid.
Notes:	This value must match the exact name attribute of the DiagnosticGrid in the DiagnosticGrids_xxx.xml file.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LoggerDiagnosticGrid
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a LoggerDiagnosticGrid object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_LoggerDiagnosticGrid
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.39. tbl_LoggerJavaMapping

Maps java classes and packages to a logger index from 0 to 31 on a diagnostic grid.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	Flag	int (4 bytes)	False	Diagnostic flag this corresponds to (from 0 to 31).	
PK, FK	LoggerDiagnosticGridObjectId	char (36 characters)	False	Diagnostic grid this mapping is associated with.	ObjectID
	Classes	lvvarchar (2048 characters)	False	Java classes and packages to map to this flag (comma separated).	
	OffLevel	smallint (2 bytes)	False		JavaLog-Level
	OnLevel	smallint (2 bytes)	False		JavaLog-Level

Table Keys

PK_tbl_LoggerJavaMapping

Property Name	Value
Description:	The grid + flag uniquely identifies a row in this table
Type:	Primary
Column(s):	Flag , LoggerDiagnosticGridObjectId
Clustered?	False
Constraint Error String:	Duplicate logger java mapping record. The combination of a logger diagnostic grid objectid and flag already exists.

Table Indexes

No indexes are specified for tbl_LoggerJavaMapping.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_LoggerJavaMapping.

Table Relationships (Foreign Keys)

tbl_LoggerJavaMapping has the following relationships with other tables:

tbl_LoggerJavaMapping.LoggerDiagnosticGridObjectId (0..*)-----^(1..1)tbl_LoggerDiagnosticGrid.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_LoggerJavaMapping_LoggerDiagnosticGridObjectId_tbl_LoggerDiagnosticGrid_ObjectId
Description:	
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_LoggerJavaMapping and tbl_LoggerDiagnosticGrid linked by the foreign key LoggerDiagnosticGridObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent LoggerDiagnosticGrid.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_LoggerJavaMapping:

Name	Object Type	Description
vw_LoggerJavaMapping	View	Simple view for tbl_LoggerJavaMapping

Table Triggers

No triggers are specified for tbl_LoggerJavaMapping.

Column Properties

Classes

Property Name	Value
Description:	Java classes and packages to map to this flag (comma separated).
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_LoggerJavaMapping
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Flag

Property Name	Value
Description:	Diagnostic flag this corresponds to (from 0 to 31).
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LoggerJavaMapping
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	31

LoggerDiagnosticGridObjectld

Property Name	Value
Description:	Diagnostic grid this mapping is associated with.

Property Name	Value
Notes:	This, plus the index, make up the PK for the table.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LoggerJavaMapping
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OffLevel

Property Name	Value
Description:	
Notes:	Values: 0: All 1: Debug 2: Info 3: Warn 4: Error 5: Fatal 6: Off
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LoggerJavaMapping
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	JavaLogLevel
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

OnLevel

Property Name	Value
Description:	
Notes:	Values: 0: All 1: Debug 2: Info 3: Warn 4: Error 5: Fatal 6: Off
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_LoggerJavaMapping
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	JavaLogLevel
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.40. tbl_MailboxMap

A mapping between a user and their mailbox in the Unity Message Store Solution (UMSS) or other message store such as Exchange or Domino.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	MailboxId	nvarchar (110 characters)	False	The identifier of a single mailbox on the specified mailbox store.	
PK, FK	MailboxStoreObjectId	char (36 characters)	False	The unique identifier of the MailboxStore object to which this mailbox belongs.	ObjectID
	IsPrimary	smallint (2 bytes)	False	A flag indicating whether this mailbox is the primary mailbox of the user.	Bool
	LastGuiAccessTime	datetime (8 bytes)	True	The last time the user accessed their this mailbox through the GUI.	
	LastTuiAccessTime	datetime (8 bytes)	True	The last time the user accessed their this mailbox through the TUI.	
	MailboxLoginType	int (4 bytes)	False	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)	MailboxLoginType
	MailboxPassword	varchar (254 characters)	True	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.	
FK	UserObjectId	char (36 characters)	False	The unique identifier of the User account object to which this mailbox belongs.	ObjectID
	WebdavUrl	lvarchar (256 characters)	True	Relative URL for mailbox access on server.	

Table Keys

PK_tbl_MailboxMap

Property Name	Value
Description:	Uniquely identifies a mailbox in this table and exclusively represents that mailbox throughout the database.
Type:	Primary
Column(s):	MailboxId , MailboxStoreObjectId
Clustered?	False

Property Name	Value
Constraint Error String:	Duplicate mailbox. A mailbox with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MailboxMap.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MailboxMap.

Table Relationships (Foreign Keys)

tbl_MailboxMap has the following relationships with other tables:

tbl_MailboxMap.MailboxStoreObjectId (0..*) ----- (1..1) tbl_MailboxStoreMap.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MailboxMap_MailboxStoreObjectId_tbl_MailboxStoreMap_ObjectId
Description:	Each mailbox must be assigned to one mailbox store. Each mailbox store may have one or more mailboxes.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MailboxMap and tbl_MailboxStoreMap linked by the foreign key MailboxStoreObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the mail store to which this mailbox is assigned or to assign this mailbox to a nonexistent mail store.

tbl_MailboxMap.UserObjectId (0..1) ----- (1..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MailboxMap_UserObjectId_tbl_User_ObjectId
Description:	Each mailbox must belong to one user. Each user may have one mailbox.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MailboxMap and tbl_User linked by the foreign key UserObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	In the future, users will be allowed to have multiple mailboxes and a mailbox may be assigned to more than one subscriber.

Property Name	Value
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the user to which this mailbox belongs or to designate a nonexistent user as the owner of this mailbox.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MailboxMap:

Name	Object Type	Description
vw_Mailbox	View	A mapping between a user and their mailbox in the Unity Message Store Solution (UMSS) or other message store such as Exchange or Domino.
vw_MailboxMap	View	A mapping between a user and their mailbox in the Unity Message Store Solution (UMSS) or other message store such as Exchange or Domino.
vw_NotificationAllActiveDevices	View	This view shows all active devices for users on the system. If a user does not have a single active device then a row will be present for this user with deviceobjectid and mwioobjectid both set to null.
vw_SubscriberExternalServiceMap	View	Maps subscribers to external services such as IMAP, WebDAV, and Meeting Place Express.
vw_SubscriberExternalServiceMapDetail	View	Subscriber to External Service mapping, with added detail.
vw_UserMailboxMap	View	Provides the mailbox information (server, database, mailbox id) for all of a user's mailboxes.
vw_UserPrimarySmtpAddress	View	Provides a list of only the primary SMTP address for all users that have at least one mailbox associated with their user account.
csp_MailboxAttributesGet	Stored Procedure	Retrieves the attributes for a specific mailbox.
csp_MailboxAttributesSet	Stored Procedure	Sets the attributes for a specific mailbox.
csp_MailboxCreate	Stored Procedure	Creates a UMSS mailbox for a user. This procedure is not intended for use by clients. It is used internally by csp_UserCreate.
csp_MailboxMapCreate	Stored Procedure	Creates a mapping of a user with their mailboxid in Unity Message Store Solution (UMSS) or other message store such as Exchange or Domino.
csp_MailboxMapDelete	Stored Procedure	Deletes a specified mapping of a mailbox with a user.
csp_MailboxMapModify	Stored Procedure	Updates the attributes of a specified instance of a MailBoxMap object based on the values passed in via the parameters.
csp_MailboxModify	Stored Procedure	Modifies the settings for the specified mailbox, mailboxstore pair.
csp_MailboxQuotaGet	Stored Procedure	Retrieves the quotas for a specific UMSS mailbox.
csp_MailboxQuotaSet	Stored Procedure	Sets the quotas for a specific UMSS mailbox.
csp_SubscriberCreate	Stored Procedure	Creates a new voice mail user (subscriber).
csp_SubscriberExternalServiceMapCreate	Stored Procedure	Creates a mapping of a user with an external service such as IMAP, WebDav or MPE.

Name	Object Type	Description
csp_SubscriberExternalServiceMapDelete	Stored Procedure	Deletes a specified mapping of an external service with a user.
csp_SubscriberExternalServiceMapModify	Stored Procedure	Updates the attributes of a specified instance of a SubscriberExternalServiceMap object based on the values passed in via the parameters.
csp_UserCreate	Stored Procedure	Creates a new User account from a user template by inserting a new row into tbl_User.

Table Triggers

No triggers are specified for tbl_MailboxMap.

Column Properties

IsPrimary

Property Name	Value
Description:	A flag indicating whether this mailbox is the primary mailbox of the user.
Notes:	
Business Rules:	User must have one and only one primary mailbox.
Developer Notes:	In the future, users will be allowed to have more than a single mailbox.
Occurrences In Views:	vw_Mailbox , vw_UserMailboxMap , vw_MailboxMap
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastGuiAccessTime

Property Name	Value
Description:	The last time the user accessed their this mailbox through the GUI.

Property Name	Value
Notes:	A NULL value indicates the mailbox has never been access via the GUI. Timestamp stored in GMT.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Mailbox , vw_UserMailboxMap , vw_MailboxMap , vw_SubscriberExternalServiceMap , vw_SubscriberExternalServiceMapDetail
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastTuiAccessTime

Property Name	Value
Description:	The last time the user accessed their this mailbox through the TUI.
Notes:	A NULL value indicates the mailbox has never been access via the TUI. Timestamp stored in GMT.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Mailbox , vw_UserMailboxMap , vw_MailboxMap , vw_SubscriberExternalServiceMap , vw_SubscriberExternalServiceMapDetail
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	For users with mailboxes on UMSS, the objectid of the UMSS mailbox object is contained here. For users with mailboxes on an other mail store such as Exchange or Domino, the user's legacy Exchange DN or primary SMTP address is stored here.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Mailbox , vw_UserPrimarySmtpAddress , vw_UserMailboxMap , vw_MailboxMap , vw_NotificationAllActiveDevices , vw_SubscriberExternalServiceMap , vw_SubscriberExternalServiceMapDetail
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (110 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	110 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxLoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)
Notes:	Applies only to MPE currently. Values: 0: Users alias used for login 1: Login as guest 2: Login using mailboxid (or part of it)
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberExternalServiceMap , vw_SubscriberExternalServiceMapDetail , vw_Mailbox , vw_UserMailboxMap , vw_MailboxMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailboxLoginType
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxPassword

Property Name	Value
Description:	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.
Notes:	Encrypted/decrypted by clients.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Mailbox , vw_UserMailboxMap , vw_MailboxMap , vw_SubscriberExternalServiceMap , vw_SubscriberExternalServiceMapDetail
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberExternalServiceMap , vw_Mailbox , vw_MailboxMap
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectID

Property Name	Value
Description:	The unique identifier of the User account object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberExternalServiceMap , vw_Mailbox , vw_MailboxMap
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

WebdavUrl

Property Name	Value
Description:	Relative URL for mailbox access on server.
Notes:	Used for Webdav access, this is usually a url comprised of the users alias, but that is not always the case, so it is in a separate column.
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_Mailbox , vw_MailboxMap , vw_SubscriberExternalServiceMap
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.41. tbl_MailboxStoreMap

A mapping between a mailbox database with a grouping of mailboxes for administrative purposes (i.e., 'mailbox store'). For UMSS, a mailbox store equates to a UMSS database. A mailbox store should be created for each mail store that is associated with the VMS.

Additional Information

The use of this table has expanded from just simple mailbox stores, to any kind of groupware information store for a user. A good example of that is WebDAV - we use that to retrieve personal contacts from a groupware server.

MailboxStore attributes include information related to identifying and locating mailbox databases allowing clients to interact with the mailboxes within them. See UMSS data dictionary for more information.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.	ObjectID
	DbInstance	lvvarchar (256 characters)	False	The name of the dbinstance on which the mailbox store resides.	
	DialString	nvarchar (40 characters)	True	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.	PhoneNumberE123
	DisplayName	nvarchar (64 characters)	True	A descriptive name for the Message Store.	
	MailboxStoreType	int (4 bytes)	False	The type of mailbox store (e.g., UMSS).	Mailbox-StoreType
	MailDatabase	lvvarchar (512 characters)	True	The name of the mailbox database, such as "UnityMbxDb1."	
	Mounted	smallint (2 bytes)	False	A flag indicating whether the mailbox store is mounted.	Bool
	RequiredSecurity	int (4 bytes)	False	The method of encryption that Cisco Unity Connection will use on a mailstore connection.	Mailstore-Connection-Encryption
	Server	lvvarchar (256 characters)	False	The name of the server on which the mailbox store resides.	
	ServiceAlias	lvvarchar (256 characters)	True	The unique text name (alias) for a service to use to logon to mailbox store for message retrieval.	
	ServicePassword	varchar (254 characters)	True	The password for a service to use to logon to mailbox store for message retrieval.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	UseServiceCredentials	smallint (2 bytes)	False	A flag indicating whether to use service credentials rather than user credentials to logon to the external service.	Bool

Table Keys

CK_tbl_MailboxStoreMap_DisplayName_MailboxStoreType

Property Name	Value
Description:	Uniquely identifies the name of a mailbox store in tbl_MailboxStoreMap.
Type:	Candidate
Column(s):	DisplayName , MailboxStoreType
Clustered?	False
Constraint Error String:	Duplicate name for this external service type.

PK_tbl_MailboxStoreMap

Property Name	Value
Description:	Uniquely identifies a mailbox store in this table and exclusively represents that mailbox store throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate mailbox store/external service. A mailbox store map with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MailboxStoreMap.

Table Ad-Hoc Constraints

DialString_ValueNotListedForMailboxStoreType

Property Name	Value
Description:	Enforces data integrity by limiting the values that can be placed in the DialString column.
Notes:	
Developer Notes:	
Business Rules:	DialString must be non-null when the MailboxStoreType is MPE_WS.

Property Name	Value
Constraint Error String:	A dial string is required when the Mailbox Store is a MeetingPlace server.

Table Relationships (Foreign Keys)

tbl_MailboxStoreMap has no relationships specified with other tables.

Additional relationships with tbl_MailboxStoreMap are defined in the following tables:

[tbl_UserTemplate](#)

[tbl_MailboxMap](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MailboxStoreMap:

Name	Object Type	Description
vw_ExternalService	View	External service such as IMAP, WebDAV, or MeetingPlace Express.
vw_MailboxStoreMap	View	A simple view for tbl_MailboxStoreMap.
vw_SubscriberExternalServiceMapDetail	View	Subscriber to External Service mapping, with added detail.
vw_UserMailboxMap	View	Provides the mailbox information (server, database, mailbox id) for all of a user's mailboxes.
vw_UserPrimarySmtAddress	View	Provides a list of only the primary SMTP address for all users that have at least one mailbox associated with their user account.
csp_ExternalServiceCreate	Stored Procedure	Creates a new external service object by inserting a new row into tbl_MailboxStoreMap.
csp_ExternalServiceDelete	Stored Procedure	Deletes an External Service by deleting a MailboxStoreMap object from tbl_MailboxStoreMap as specified by the @ObjectId parameter.
csp_ExternalServiceModify	Stored Procedure	Updates the attributes of a External Service by updating a MailboxStoreMap object based on the values passed in via the parameters. The @ObjectId parameter identifies the MailboxStoreMap object that is updated.
csp_MailboxAttributesGet	Stored Procedure	Retrieves the attributes for a specific mailbox.
csp_MailboxAttributesSet	Stored Procedure	Sets the attributes for a specific mailbox.
csp_MailboxQuotaGet	Stored Procedure	Retrieves the quotas for a specific UMSS mailbox.
csp_MailboxQuotaSet	Stored Procedure	Sets the quotas for a specific UMSS mailbox.
csp_MailboxStoreAttributesGet	Stored Procedure	Retrieves attributes from a specified UMSS mail database.
csp_MailboxStoreAttributesSet	Stored Procedure	Sets the attributes for a UMSS mail database.
csp_MailboxStoreMapCreate	Stored Procedure	Creates a new MailboxStoreMap object by inserting a new row into tbl_MailboxStoreMap. A MailboxStoreMap object maps a mailbox database with a grouping of mailboxes for administrative purposes.

Name	Object Type	Description
csp_MailboxStoreMapDelete	Stored Procedure	Deletes a MailboxStoreMap object from tbl_MailboxStoreMap as specified by the @ObjectId parameter.
csp_MailboxStoreMapModify	Stored Procedure	Updates the attributes of a MailboxStoreMap object based on the values passed in via the parameters. The @ObjectId parameter identifies the MailboxStoreMap object that is updated.
csp_MailboxStoreQuotaGet	Stored Procedure	Retrieves the warn, receive, and send quotas from a UMSS mail database.
csp_MailboxStoreQuotaSet	Stored Procedure	Sets the warn, receive, and send quotas for a mail database.

Table Triggers

No triggers are specified for tbl_MailboxStoreMap.

Column Properties

DbInstance

Property Name	Value
Description:	The name of the dbinstance on which the mailbox store resides.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MailboxStoreMap , vw_UserPrimarySmtAddress , vw_UserMailboxMap
Primary Key:	False
Allow Null:	False
Default Value:	ciscounity
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DialString

Property Name	Value
Description:	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Notes:	Valid only for a MeetingPlace Express external service.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserMailboxMap , vw_MailboxStoreMap , vw_ExternalService , vw_SubscriberExternalServiceMapDetail
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	A descriptive name for the Message Store.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MailboxStoreMap , vw_ExternalService
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxStoreType

Property Name	Value
Description:	The type of mailbox store (e.g., UMSS).
Notes:	Values: 0: UMSS - Cisco Unity Connection message store solution. 1: IMAP - external, non-UMSS, mailstore accessed via IMAP. 2: POP3 - external, non-UMSS, mailstore accessed via POP3. 3: WebDAV - used to retrieve personal contacts (although could potentially be used to get messages) 4: Used by the Common Calendaring Library to retrieve calendaring and meeting information from the Meeting Place Express web service.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserMailboxMap , vw_MailboxStoreMap , vw_ExternalService , vw_SubscriberExternalServiceMapDetail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailboxStoreType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailDatabase

Property Name	Value
Description:	The name of the mailbox database, such as "UnityMbxDb1."
Notes:	A VMS can contain multiple mailbox databases. For UMSS, all the mailbox databases are a single instance of SqlServer, but each mailbox database must have a unique name. For UMSS, mailbox database is a conceptual grouping of a Mail Information Store and a Mail Attachment Store pair. Voice message header information is stored within the Mail Information Store, while Voice Message Attachment information is stored the Mail Attachment store. See UMSS section of the data dictionary for more information.
Business Rules:	
Developer Notes:	For external IMAP mailstores this value will be NULL.
Occurrences In Views:	vw_UserPrimarySmtpAddress , vw_UserMailboxMap , vw_MailboxStoreMap
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Mounted

Property Name	Value
Description:	A flag indicating whether the mailbox store is mounted.
Notes:	Clients should check this setting before accessing the mailbox store database. Tools can set it to denote that a mailbox store is offline when offline database maintenance needs to be performed.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ExternalService , vw_SubscriberExternalServiceMapDetail , vw_UserMailboxMap , vw_MailboxStoreMap , vw_ExternalService
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.

Property Name	Value
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_SubscriberExternalServiceMapDetail , vw_UserMailboxMap , vw_MailboxStoreMap , vw_ExternalService
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiredSecurity

Property Name	Value
Description:	The method of encryption that Cisco Unity Connection will use on a mailstore connection.
Notes:	Values: 0: No encryption. 1: TLS level encryption. 2: SSL encryption. 3: IPSec encryption.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserMailboxMap , vw_MailboxStoreMap , vw_ExternalService , vw_SubscriberExternalServiceMapDetail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailstoreConnectionEncryption
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

Server

Property Name	Value
Description:	The name of the server on which the mailbox store resides.
Notes:	For UMSS, the server name within the VMS configuration.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserPrimarySmtpAddress , vw_UserMailboxMap , vw_MailboxStoreMap , vw_ExternalService , vw_SubscriberExternalServiceMapDetail
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ServiceAlias

Property Name	Value
Description:	The unique text name (alias) for a service to use to logon to mailbox store for message retrieval.
Notes:	Must have access to all users messages ("superuser").
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserMailboxMap , vw_MailboxStoreMap , vw_ExternalService , vw_SubscriberExternalServiceMapDetail
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ServicePassword

Property Name	Value
Description:	The password for a service to use to logon to mailbox store for message retrieval.
Notes:	Encrypted/decrypted by clients.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserMailboxMap , vw_MailboxStoreMap , vw_ExternalService , vw_SubscriberExternalServiceMapDetail
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseServiceCredentials

Property Name	Value
Description:	A flag indicating whether to use service credentials rather than user credentials to logon to the external service.
Notes:	Values: 0: Use user credentials to logon to this external service 1: Use service credentials to logon to this external service
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_ExternalService , vw_SubscriberExternalServiceMapDetail
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.42. tbl_MediaPort

A representation of a single generalized phone line/station. Cisco Unity Connection uses the configuration settings in this table to emulate a single generalized phone line/station.

Additional Information

Like MediaPortGroups, there are three types of media ports (Skinny, SIP, and PIMG), one for each type of integration. A MediaPort object encapsulates the audio path and signaling for a single line. MediaPort objects are configured to run on a specific voice processing server.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.	ObjectID
	CapAnswer	smallint (2 bytes)	False	A flag indicating whether the media port is capable of answering calls.	Bool
	CapDeliverAmis	smallint (2 bytes)	False	A flag indicating whether the media port is capable of performing the function of delivering AMIS messages.	Bool
	CapEnabled	smallint (2 bytes)	False	A flag indicating whether the media port is enabled during normal operation.	Bool
	CapMWI	smallint (2 bytes)	False	A flag indicating whether the media port is capable of performing the function of turning MWIs on and off.	Bool
	CapNotification	smallint (2 bytes)	False	A flag indicating whether the media port is capable of performing the function of notifying subscribers of messages.	Bool
	CapTrapConnection	smallint (2 bytes)	False	A flag indicating whether the media port is capable of performing the function of enabling subscribers to use the phone as a recording and playback device in Cisco Unity Connection web applications and e-mail clients.	Bool
	Extension	varchar (128 characters)	True	The dialable number (extension) of this line/port.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	HuntOrder	smallint (2 bytes)	False	The position of this line in the hunt group as configured on the switch, with the highest numbers representing the lines that are first ("use me first") in the hunt group. Ports can have the same HuntOrder, and in that case ports will be selected on a round-robin (or longest-idle) basis.	
FK	MediaPortGroupObjectId	char (36 characters)	False	The unique identifier of the MediaPortGroup object to which this port belongs.	ObjectID
	PortNumInGroup	smallint (2 bytes)	False	The port number of this line as assigned by Cisco Unity Connection.	
	SipSendPort	int (4 bytes)	True	UDP port for outgoing SIP messages.	
	SkinnyDeviceCertificate	lvarchar (8000 characters)	True	The X.509 certificate for this device as a PEM format string (base-64 encoded).	
	SkinnyDeviceCertificateChangeId	char (36 characters)	False	A unique identifier used to track changes to SkinnyDeviceCertificate.	ObjectID
	SkinnyDevicePrivateKey	lvarchar (8000 characters)	True	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).	
	SkinnyDevicePrivateKeyChangeId	char (36 characters)	False	A unique identifier used to track changes to SkinnyDevicePrivateKey.	ObjectID
	SkinnyDoMediaEncryption	smallint (2 bytes)	False	A flag indicating whether the audio stream between Cisco Unity Connection and the remote endpoint should be encrypted.	Bool
	SkinnySecurityModeEnum	smallint (2 bytes)	False	The security mode used for Skinny protocol sessions.	SkinnySecurityMode
	TelephonyIntegrationMethodEnum	smallint (2 bytes)	False	The method used to integrate with the switch.	TelephonyIntegrationMethod
FK	VmsServerObjectId	char (36 characters)	False	The unique identifier of the VMSServer object to which this line belongs.	ObjectID

Table Keys

CK_tbl_MediaPort_MediaPortGroupObjectId_PortNumInGroup

Property Name	Value
Description:	Uniquely identifies the port number of a media port in a mediaportgroup.
Type:	Candidate
Column(s):	MediaPortGroupObjectId , PortNumInGroup
Clustered?	False
Constraint Error String:	Duplicate voice messaging port number for this port group.

PK_tbl_MediaPort

Property Name	Value
Description:	Uniquely identifies a MediaPort in this table and exclusively represents this MediaPort throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate voice messaging port. A voice messaging port with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaPort.

Table Ad-Hoc Constraints**Extension_ValueNotListedForIntegrationMethod**

Property Name	Value
Description:	Enforces data integrity by limiting the values that can be placed in the Extension column.
Notes:	
Developer Notes:	
Business Rules:	Extension must be Non-NULL when the integration method is other than SIP. Extension must be NULL when the integration method is SIP.
Constraint Error String:	Extension cannot be specified for a SIP port group.

SipSendPort_ValueNotListedForIntegrationMethod

Property Name	Value
Description:	SipSendPort is required for SIP and PIMG ports and must be NULL otherwise
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	SIP Send Port must be specified for SIP and PIMG ports and cannot be specified for other types of ports.

SkinnyDeviceCertificate_ValueNotListedForIntegrationMethod

Property Name	Value
Description:	SkinnyDeviceCertificate must be NULL for non-Skinny (SCCP) ports

Property Name	Value
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	SkinnyDeviceCertificate can be specified only for SCCP (Skinny) ports

SkinnyDevicePrivateKey_ValueNotListedForIntegrationMethod

Property Name	Value
Description:	SkinnyDevicePrivateKey must be NULL for non-Skinny (SCCP) ports
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	SkinnyDevicePrivateKey can be specified only for SCCP (Skinny) ports

Table Relationships (Foreign Keys)

tbl_MediaPort has the following relationships with other tables:

tbl_MediaPort.VmsServerObjectId (0..*) ----- (1..1) tbl_VMSServer.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaPort_VmsServerObjectId_tbl_VMSServer_ObjectId
Description:	Each media port must be assigned to one VMS server. Each VMS server may be assigned one or more media ports.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaPort and tbl_VMSServer linked by the foreign key VmsServerObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the VMS server to which this voice port is assigned or to assign this voice port to a nonexistent VMS server.

tbl_MediaPort.MediaPortGroupObjectId (0..*) ----- (1..1) tbl_MediaPortGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaPort_MediaPortGroupObjectId_tbl_MediaPortGroup_ObjectId

Property Name	Value
Description:	Each media port must belong to one media port group. Each media port group may have one or more media ports.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaPort and tbl_MediaPortGroup linked by the foreign key MediaPortGroupObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the media port group is deleted, the FK Cascade Delete constraint will ensure that the corresponding media port is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this voice port to a nonexistent port group.

Additional relationships with tbl_MediaPort are defined in the following tables:

[tbl_NotificationMwi](#)

[tbl_MediaPortConfigState](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MediaPort:

Name	Object Type	Description
vw_chk_MediaPort_DisabledWithPortMemoryRefs	View	A check for telephony ports that (1) are unable to send MWI requests to the phone system and (2) are referenced by MWI devices that are active and in the "On" state and require port memory.
vw_chk_MediaPort_MismatchedVmsServer	View	A check for a mismatched VMS server. Shows the rows in tbl_MediaPort with VmsServerObjectId not matching the VmsServerObjectId in the corresponding row in UnityDynDb tbl_MediaPortState.
vw_chk_MediaPort_NoMediaPortConfigState	View	A check for an unconfigured media port. Shows the rows in tbl_MediaPort with no corresponding row in tbl_MediaPortConfigState.
vw_chk_MediaPort_SIPSendPortOutOfRange	View	A representation of a single generalized phone line/station. Cisco Unity Connection uses the configuration settings in this table to emulate a single generalized phone line/station.
vw_chk_MediaPort_SkinnyDeviceNameTooLong	View	A check for a SkinnyDeviceName name exceeding the defined limit. Shows the telephony ports having SkinnyDeviceName that exceeds the size permitted by the Skinny Client Control Protocol (SCCP), which is 16 characters.
vw_chk_MediaSwitch_MediaPortExtensionDuplicated	View	A check for duplicate extension numbers. Shows the phone systems (tbl_MediaSwitch) having multiple telephony ports configured to use the same extension number.

Name	Object Type	Description
vw_chk_MediaSwitch_MediaPortHuntOrderDuplicated	View	A check for media ports configured to use the same hunt order. Shows the phone systems (tbl_MediaSwitch) having multiple telephony ports configured to use the same hunt order.
vw_MediaPort	View	A representation of a single generalized phone line/station. Cisco Unity Connection uses the configuration settings in this table to emulate a single generalized phone line/station.
vw_MediaPort_HavingActivePortMemoryRefs	View	A representation of a single generalized phone line/station. Cisco Unity Connection uses the configuration settings in this table to emulate a single generalized phone line/station.
vw_MediaPort_UsingMediaPortGroupIPPort	View	Shows IP ports on the Cisco Unity Connection server reserved for use by telephony ports.
vw_MediaPort_UsingMediaRemoteService	View	Shows remote IP telephony endpoints with which each Cisco Unity Connection telephony port interacts.
csp_MediaPortCreate	Stored Procedure	Creates a new MediaPort object by inserting a new row into tbl_MediaPort.
csp_MediaPortDelete	Stored Procedure	Deletes a MediaPort object from tbl_MediaPort as specified by the @ObjectId parameter.
csp_MediaPortModify	Stored Procedure	Updates the attributes of a MediaPort object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPort object that is updated.
tr_MediaPort_Insert	Trigger	Following the insert of a MediaPort, this trigger first performs data validation. Then it updates the media port configuration state by inserting a row into tbl_MediaPortConfigState.
tr_MediaPort_Update	Trigger	Following the update of a MediaPort, this trigger first performs data validation. Then it updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.

Table Triggers

Name	Event To Fire On	Description	Notes
tr_MediaPort_Insert	On Insert	Following the insert of a MediaPort, this trigger first performs data validation. Then it updates the media port configuration state by inserting a row into tbl_MediaPortConfigState.	
tr_MediaPort_Update	On Update	Following the update of a MediaPort, this trigger first performs data validation. Then it updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.	

Column Properties

CapAnswer

Property Name	Value
Description:	A flag indicating whether the media port is capable of answering calls.
Notes:	Values: 0: This media port cannot be used to answer calls. 1: This media port can be used to answer calls. NULL means "not valid in this context."
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CapDeliverAmis

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of delivering AMIS messages.
Notes:	Values: 0: This media port cannot be used to deliver AMIS messages. 1: This media port can be used to deliver AMIS messages. NULL means "not valid in this context."
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CapEnabled

Property Name	Value
Description:	A flag indicating whether the media port is enabled during normal operation.
Notes:	Values: 0: This media port is disabled. Calls to this port get a ringing tone, but are not answered. 1: This media port is enabled.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CapMWI

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of turning MWIs on and off.
Notes:	Values: 0: This media port is not capable of turning MWIs on and off. 1: This media port can be used to turn MWI on and off. NULL means "not valid in this context."
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CapNotification

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of notifying subscribers of messages.
Notes:	<p>Values:</p> <p>0: This media port is not capable of being used for message notification.</p> <p>1: This media port can be used for message notification.</p> <p>NULL means "not valid in this context."</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CapTrapConnection

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of enabling subscribers to use the phone as a recording and playback device in Cisco Unity Connection web applications and e-mail clients.
Notes:	Values: 0: This media port is not capable of being used to perform Trap connections. 1: This media port can be used to perform Trap connections. NULL means "not valid in this context."
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Extension

Property Name	Value
Description:	The dialable number (extension) of this line/port.
Notes:	For Cisco Unified Communications Manager, this is a directory number (DN). Does not apply to SIP integrations.
Business Rules:	Pertinent for <code>TelephonyIntegrationMethodEnum</code> NOT= SIP.
Developer Notes:	
Occurrences In Views:	vw_MediaPort , vw_chk_MediaSwitch_MediaPortExtensionDuplicated
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (128 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits only

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HuntOrder

Property Name	Value
Description:	The position of this line in the hunt group as configured on the switch, with the highest numbers representing the lines that are first ("use me first") in the hunt group. Ports can have the same HuntOrder, and in that case ports will be selected on a round-robin (or longest-idle) basis.
Notes:	<p>To determine what port to use for an outgoing call or MWI request, Cisco Unity Connection examines the HuntOrder of all the MediaPort objects that are (1) assigned the switch to which the call or MWI request should be directed and (2) allowed to perform the requested function. Cisco Unity selects the available MediaPort with the highest value HuntOrder. Selecting the highest available HuntOrder is intended to avoid collisions with incoming calls, which the switch will tend to direct to the lowest-numbered ports.</p> <p>Thus HuntOrder is a relative ranking between MediaPorts assigned to the same switch. It doesn't necessarily need to exactly match the programming on the switch.</p>
Business Rules:	Hunt order is not available for SIP ports. However, hunt order is available for PIMG ports.
Developer Notes:	
Occurrences In Views:	vw_MediaPort , vw_chk_MediaSwitch_MediaPortHuntOrderDuplicated
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	4096

MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object to which this port belongs.

Property Name	Value
Notes:	FK to MediaPortGroup.ObjectId.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_MediaPort_UsingMediaPortGroupIPPort , vw_MediaPort_UsingMediaRemoteService , vw_MediaPort , vw_chk_MediaPort_MismatchedVmsServer , vw_chk_MediaPort_NoMediaPortConfigState , vw_chk_MediaPort_SkinnyDevNameTooLong , vw_chk_MediaPort_DisabledWithPortMemoryRefs , vw_chk_MediaPort_SIPSendPortOutOfRange , vw_MediaPort_HavingActivePortMemoryRefs
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

PortNumInGroup

Property Name	Value
Description:	The port number of this line as assigned by Cisco Unity Connection.
Notes:	<p>PortNumInGroup is used for two purposes:</p> <ul style="list-style-type: none"> * Derive display name for the port. The display name for a MediaPort object is calculated on the fly by the system (database views) as: [Display name of the parent MediaPortGroup]-[PortNumInGroup]. For example, if a MediaPort has PortNumInGroup=3 and the parent group has DisplayName="MyPortGroup", the display name for the port is "MyPortGroup-3". * PIMG port number (for PIMG integrations only). PIMG devices have eight ports numbered 1-8. <p>PortNumInGroup is assigned by the database when a MediaPort row is inserted. The value cannot be modified. In general, the Cisco Unity Connection Administration will create ports so that ports are numbered sequentially starting at one. However, it's possible for a gap in the numbering to be created if the user deletes a port falling in the middle of the sequence.</p>
Business Rules:	Minimum value = 1. For PIMG integrations, maximum value is 8 (use CHECK constraint). Unique [MediaPortGroupObjectId,PortNumInGroup] (in index).
Developer Notes:	Max is 999 because vw_MediaPort formats as three character string
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	999

SipSendPort

Property Name	Value
Description:	UDP port for outgoing SIP messages.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_MediaPort , vw_chk_MediaPort_SIPSendPortOutOfRange
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

SkinnyDeviceCertificate

Property Name	Value
Description:	The X.509 certificate for this device as a PEM format string (base-64 encoded).
Notes:	Used in TLS handshake.
Business Rules:	Pertinent only if TelephonyIntegrationMethodEnum = Skinny
Developer Notes:	
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (8000 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8000 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDeviceCertificateChangeld

Property Name	Value
Description:	A unique identifier used to track changes to SkinnyDeviceCertificate.
Notes:	This column is assigned a new value whenever a SkinnyDeviceCertificate is modified.
Business Rules:	
Developer Notes:	Any client (e.g., Modify proc) modifying SkinnyDeviceCertificate is responsible for setting SkinnyDeviceCertificateChangeId to a new value at the same time.
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDevicePrivateKey

Property Name	Value
Description:	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Notes:	
Business Rules:	Pertinent only if TelephonyIntegrationMethodEnum = Skinny
Developer Notes:	The key is encrypted using a symmetric algorithm known to the key generation facility and the Skinny TSP.
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (8000 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8000 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDevicePrivateKeyChangeId

Property Name	Value
Description:	A unique identifier used to track changes to SkinnyDevicePrivateKey.
Notes:	This column is assigned a new value whenever SkinnyDevicePrivateKey is modified.
Business Rules:	
Developer Notes:	Any client (e.g., Modify proc) modifying SkinnyDevicePrivateKey is responsible for setting SkinnyDevicePrivateKeyChangeId to a new value at the same time.
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDoMediaEncryption

Property Name	Value
Description:	A flag indicating whether the audio stream between Cisco Unity Connection and the remote endpoint should be encrypted.
Notes:	Values: 0: No encryption - Real-time Transport Protocol (RTP) 1: Encrypted - Secure Real-time Transport Protocol (SRTP)
Business Rules:	Pertinent only if TelephonyIntegrationMethodEnum = Skinny and SkinnySecurityModeEnum is not Insecure.
Developer Notes:	
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnySecurityModeEnum

Property Name	Value
Description:	The security mode used for Skinny protocol sessions.
Notes:	FK to SkinnySecurityModeEnum.Enum. Values: 0: Insecure - normal non-TLS connection. 1: Authenticated - TLS connection with cipher NULL-SHA. 2: Encrypted - data is encrypted.
Business Rules:	Pertinent only if TelephonyIntegrationMethodEnum = Skinny.
Developer Notes:	
Occurrences In Views:	vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	SkinnySecurityMode
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used to integrate with the switch.
Notes:	Values: 1: Skinny Client Control Protocol (SCCP) integration method. 2: Session Initiation Protocol (SIP) integration method. 3: Intel PBX IP Media Gateway (PIMG) integration method.
Business Rules:	Once a instance of this object has been created, this value can never be modified.
Developer Notes:	
Occurrences In Views:	vw_MediaPort

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	TelephonyIntegrationMethod
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object to which this line belongs.
Notes:	FK to VMSServer.ObjectId
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPort_UsingMediaPortGroupIPPort , vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.43. tbl_MediaPortConfigState

Rows in this table checkpoint the last change to telephony port settings that require a service restart to take effect.

Additional Information

The checkpoint is stored in NeedRestartId. If this value is different from the corresponding row in UnityDynDb:tbl_MediaPortState, then a service restart is necessary in order to cause port configuration changes to take effect.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	MediaPortObjectId	char (36 characters)	False	The unique identifier of the MediaPort object to which this state information pertains.	ObjectID
	DateModified	datetime (8 bytes)	False	The date and time this row was inserted or last modified.	
	NeedRestartId	char (36 characters)	False	The checkpoint of changes to MediaPort settings that require a restart to take effect.	ObjectID
	NeedRestartIdModifiedBy	nvarchar (128 characters)	True	The name of the entity that last modified this row.	

Table Keys

PK_tbl_MediaPortConfigState

Property Name	Value
Description:	Uniquely identifies a MediaPort in this table and exclusively represents this MediaPort throughout the database.
Type:	Primary
Column(s):	MediaPortObjectId
Clustered?	True
Constraint Error String:	Duplicate media port configuration state. A media port configuration state with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaPortConfigState.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MediaPortConfigState.

Table Relationships (Foreign Keys)

tbl_MediaPortConfigState has the following relationships with other tables:

tbl_MediaPortConfigState.MediaPortObjectId (0..1) ----- (1..1) tbl_MediaPort.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaPortConfigState_MediaPortObjectId_tbl_MediaPort_ObjectId
Description:	Each media port config state applies to one media port. Each media port may have one media port config state.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaPortConfigState and tbl_MediaPort linked by the foreign key MediaPortObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the media port group is deleted, the FK Cascade Delete constraint will ensure that the corresponding media port config state is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this voice port configuration state to a nonexistent voice port.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MediaPortConfigState:

Name	Object Type	Description
vw_MediaPortConfigState	View	A simple view for tbl_MediaPortConfigState.

Table Triggers

No triggers are specified for tbl_MediaPortConfigState.

Column Properties

DateModified

Property Name	Value
Description:	The date and time this row was inserted or last modified.
Notes:	Value is set by ON INSERT/UPDATE triggers.
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_MediaPortConfigState
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortObjectId

Property Name	Value
Description:	The unique identifier of the MediaPort object to which this state information pertains.
Notes:	
Business Rules:	
Developer Notes:	Primary key and FK to MediaPort.ObjectId.
Occurrences In Views:	vw_MediaPortConfigState
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NeedRestartId

Property Name	Value
Description:	The checkpoint of changes to MediaPort settings that require a restart to take effect.
Notes:	This GUID is updated by triggers on other tables like tbl_MediaPort and tbl_MediaPortGroup whenever a telephony port's configuration settings are updated in such a way that the port needs to be restarted for the changes to take effect. Also see UnityDynDb.tbl_MediaPortState.NeedRestartId.
Business Rules:	Default = newid()
Developer Notes:	
Occurrences In Views:	vw_MediaPortConfigState
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NeedRestartIdModifiedBy

Property Name	Value
Description:	The name of the entity that last modified this row.
Notes:	Usually will contain the name of a trigger.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortConfigState
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.44. tbl_MediaPortGroup

A group of MediaPort objects that connect to the same MediaSwitch using the same integration method and connection settings.

Additional Information

A MediaPortGroup may contain some MediaPorts that run on one voice processing server and some MediaPorts that run on another voice processing server. All of these MediaPorts would inherit common settings from their parent MediaGroupPort and MediaSwitch objects.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectID	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID
	AgcTargetDB	smallint (2 bytes)	False	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.	
	CcmDoAutoFailback	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.	Bool
	DelayBeforeOpeningMs	smallint (2 bytes)	False	The delay (in milliseconds) after a call is connected before playing the opening greeting.	
	DisplayName	nvarchar (64 characters)	False	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfDialInterDigitDelayMs	int (4 bytes)	False	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.	
	EnableAGC	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.	Bool
	EnableMWI	smallint (2 bytes)	False	A flag indicating whether this port group can transmit message waiting indicator (MWI) on/off messages to the switch.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	MediaPortGroupTemplateObjectId	char (36 characters)	True	The unique identifier of the template from which the MediaPortGroup object was created.	ObjectID
FK	MediaSwitchObjectId	char (36 characters)	False	The unique identifier of the MediaSwitch object to which this MediaPortGroup belongs. The MediaSwitch represents the PBX/switch at the other end of the phone lines.	ObjectID
	MwiMaxConcurrentRequests	smallint (2 bytes)	False	The maximum number of MWI requests that can be in progress at any instant.	
	MwiMinRequestIntervalMs	int (4 bytes)	False	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.	
	MwiOffCode	nvarchar (128 characters)	True	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).	MwiCode
	MwiOnCode	nvarchar (128 characters)	True	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).	MwiCode
	MwiReqPortSpecific	smallint (2 bytes)	False	A flag indicating whether MWI requests require a MediaPort.	Bool
	MwiRetryCountOnSuccess	smallint (2 bytes)	False	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.	
	MwiRetryIntervalOnSuccessMs	smallint (2 bytes)	False	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see MWIRetryIntervalCountOnSuccess .	
	OutgoingGuardTimeMs	int (4 bytes)	False	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.	
	OutgoingPostDialDelayMs	int (4 bytes)	False	The delay (in milliseconds) after dialing an outgoing call.	
	OutgoingPreDialDelayMs	int (4 bytes)	False	The delay (in milliseconds) before dialing.	
	PortNumMax	int (4 bytes)	False	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.	
	SipAuthenticateAsUser	nvarchar (64 characters)	True	The user name used for SIP authentication.	
	SipAuthenticatePassword	lvarchar (256 characters)	True	The password to use during SIP authentication.	
	SipContactLineName	nvarchar (64 characters)	True	The dialable (extension) number of the lines in this group, i.e., pilot number.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	SipDoAuthenticate	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.	Bool
	SipRegisterWith-ProxyServer	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.	Bool
	SipTransportProtocolEnum	smallint (2 bytes)	True	The transport protocol Cisco Unity Connection should use for the SIP integration.	SIPTransportProtocol
	SkinnyDevicePrefix	nvarchar (48 characters)	True	The prefix Cisco Unity Connection uses to generate Skinny device name for ports belonging to this group.	
	TelephonyIntegration-MethodEnum	smallint (2 bytes)	False	The method used by lines in this group to integrate with the switch.	TelephonyIntegration-Method
	WaitForCallInfoMs	int (4 bytes)	False	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.	

Table Keys

CK_tbl_MediaPortGroup_DisplayName

Property Name	Value
Description:	Uniquely the name of a media port group in tbl_MediaPortGroup.
Type:	Candidate
Column(s):	DisplayName
Clustered?	False
Constraint Error String:	Duplicate port group name.

PK_tbl_MediaPortGroup

Property Name	Value
Description:	Uniquely identifies a MediaPortGroup in this table and exclusively represents this MediaPortGroup throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate port group. A port group with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaPortGroup.

Table Ad-Hoc Constraints

MwiReqPortSpecific_ValueNotListedForIntegrationMethod

Property Name	Value
Description:	Enforces data integrity by limiting the values that can be placed in the MwiReqPortSpecific column.
Notes:	
Developer Notes:	
Business Rules:	MwiReqPortSpecific must be TRUE if integration method is Skinny or SIP. If integration method is PIMG, MwiReqPortSpecific may be TRUE or FALSE.
Constraint Error String:	MWI requests require a port for this type of port group.

SkinnyDevicePrefix_ValueNotValidForIntegrationMethod

Property Name	Value
Description:	Enforces data integrity by limiting the values that can be placed in the SkinnyPrefix column.
Notes:	
Developer Notes:	
Business Rules:	For Skinny integrations, the SkinnyDevicePrefix must contain a value. For all other integrations, the SkinnyDevicePrefix must contain NULL.
Constraint Error String:	A valid SCCP Device Name Prefix must be specified for the port group when the integration method is SCCP. A SCCP Device Name Prefix cannot be specified for all other integration methods.

WaitForCallInfoMs_ValueNotValidForIntegrationMethod

Property Name	Value
Description:	WaitForCallInfoMs is PIMG-specific. The value should be non-zero only for PIMG integrations.
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	The wait for call info interval may be greater than zero only if integration method is PIMG.

Table Relationships (Foreign Keys)

tbl_MediaPortGroup has the following relationships with other tables:

tbl_MediaPortGroup.MediaSwitchObjectId (0..*) ----- (1..1) tbl_MediaSwitch.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaPortGroup_MediaSwitchObjectId_tbl_MediaSwitch_ObjectId
Description:	Each media port group must belong to one media switch. Each media switch may own one or more media port groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaPortGroup and tbl_MediaSwitch linked by the foreign key MediaSwitchObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the phone system to which this port group belongs or to assign a nonexistent phone system to this port group.

Additional relationships with tbl_MediaPortGroup are defined in the following tables:

[tbl_MediaPort](#)

[tbl_MediaRemoteService](#)

[tbl_MediaPortGroupIPPort](#)

[tbl_MediaPortGroupCodec](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MediaPortGroup:

Name	Object Type	Description
vw_chk_MediaPortGroup_DupCCMServers	View	A check for duplicate Cisco Unified Communications Manager servers. Shows the port groups having multiple child Cisco Unified Communications Manager servers (tbl_MediaRemoteService) having the same HostOrIPAddress.
vw_chk_MediaPortGroup_DupCCMTFTPServers	View	A check for duplicate Cisco Unified Communications Manager TFTP servers. Shows the port groups having multiple child Cisco Unified Communications Manager TFTP servers (tbl_MediaRemoteService) having the same HostOrIPAddress.
vw_chk_MediaPortGroup_DupSIPProxyServers	View	A check for duplicate SIP proxy servers. Shows the port groups having multiple child SIP proxy servers (tbl_MediaRemoteService) having the same HostOrIPAddress and port number.
vw_chk_MediaPortGroup_NoCCMServers	View	A check for Skinny media port groups without defined Cisco Unified Communications Manager servers. Shows the Skinny port groups having no Cisco Unified Communications Manager servers configured for them.

Name	Object Type	Description
vw_chk_MediaPortGroup_NoCCMTFTPServers	View	A check for Skinny media port groups without defined Cisco Unified Communications Manager TFTP servers. Shows the Skinny port groups having at least one port configured for SCCP over a TLS connection but no Cisco Unified Communications Manager TFTP servers.
vw_chk_MediaPortGroup_NoCodecs	View	A check for media port groups without any defined codecs. Shows the telephony port groups having no codecs.
vw_chk_MediaPortGroup_NoMWIOnOffCodes	View	Shows Skinny port groups with no MWI on or MWI off code configured
vw_chk_MediaPortGroup_NoPIMGRemoteService	View	A check for PIMG media port groups without a defined remote service. Shows the PIMG port groups having no MediaRemoteService configured for them.
vw_chk_MediaPortGroup_NoPorts	View	A check for media port groups without any defined ports. Shows the telephony port groups having no ports.
vw_chk_MediaPortGroup_NoSIPProxyServers	View	A check for no defined SIP proxy server. Shows the Skinny port groups having no SIP proxy servers configured for them.
vw_chk_MediaPortGroup_NoUnitySIPPort	View	A check for media port groups without a defined Unity SIP port. Shows the telephony ports having no Unity SIP port specified.
vw_chk_MediaPortGroup_IPPort_UnitySIPPortOutOfRange	View	A check for out of range SIP ports. Shows the Unity SIP ports falling outside the range configured for SIP.
vw_MediaPort	View	A representation of a single generalized phone line/station. Cisco Unity Connection uses the configuration settings in this table to emulate a single generalized phone line/station.
vw_MediaPort_UsingMediaPortGroup_IPPort	View	Shows IP ports on the Cisco Unity Connection server reserved for use by telephony ports.
vw_MediaPort_UsingMediaRemoteService	View	Shows remote IP telephony endpoints with which each Cisco Unity Connection telephony port interacts.
vw_MediaPortGroup	View	A view for tbl_MediaPortGroup plus the name of the parent phone system, and the total number of ports belonging to the MediaPortGroup.
vw_MediaPortGroup_PortCountOnVmsServer	View	Shows the number of telephony ports by port group on a VMS server.
csp_MediaPortGroup_SuggestDisplayName	Stored Procedure	Autogenerates the default display name for a MediaPortGroup.
csp_MediaPortGroupCreate	Stored Procedure	Creates a new MediaPortGroup object by inserting a new row into tbl_MediaPortGroup. The new MediaPortGroup object is created by one of three methods: either from a template (tbl_MediaPortGroupTemplate), an existing MediaPortGroup object or from scratch based on the values contained in the input parameters.
csp_MediaPortGroupDelete	Stored Procedure	Deletes a MediaPortGroup from tbl_MediaPortGroup as specified by the @ObjectId parameter.
csp_MediaPortGroupModify	Stored Procedure	Updates the attributes of a MediaPortGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPortGroup object that is updated.
tr_MediaPortGroup_Update	Trigger	Following the update of a MediaPortGroup, this trigger first performs data validation. Then it updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.

Table Triggers

Name	Event To Fire On	Description	Notes
tr_MediaPortGroup_Update	On Update	Following the update of a MediaPortGroup, this trigger first performs data validation. Then it updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.	

Column Properties

AgcTargetDB

Property Name	Value
Description:	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Notes:	<p>AGC will attempt to modify the incoming recording to match AGCTargetDB. This value is in decibels (dB) relative to the maximum amplitude possible for a PCM-encoded waveform, thus it is always less than zero. Values closer to zero are higher volume. Thus -10 dB is louder than -15 dB.</p> <p>AGC only affects recordings made with Cisco Unity Connection. AGC does not directly affect playback.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	-26
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	-35
Validation - Maximum Value:	-15

CcmDoAutoFailback

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Notes:	Values: 0: Do not failback 1: Failback
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DelayBeforeOpeningMs

Property Name	Value
Description:	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Notes:	
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] DelayBeforeOpening.
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0

Property Name	Value
Validation - Maximum Value:	3000

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup , vw_MediaPortGroup_PortCountOnVmsServer , vw_chk_MediaPortGroup_DupCCMServers , vw_chk_MediaPortGroup_DupCCMTFTPServers , vw_chk_MediaPortGroup_DupSIPProxyServers , vw_chk_MediaPortGroup_NoCCMServers , vw_chk_MediaPortGroup_NoCCMTFTPServers , vw_chk_MediaPortGroup_NoPorts , vw_chk_MediaPortGroup_NoSIPProxyServers , vw_chk_MediaPortGroup_NoUnitySIPPort , vw_chk_MediaPortGroup_NoPIMGRemoteService , vw_chk_MediaPortGroup_NoCodecs , vw_chk_MediaPortGroup_NoMWIONOffCodes , vw_MediaPort_UsingMediaPortGroupIPPort , vw_MediaPort_UsingMediaRemoteService , vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfDialInterDigitDelayMs

Property Name	Value
Description:	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	500

EnableAGC

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableMWI

Property Name	Value
Description:	A flag indicating whether this port group can transmit message waiting indicator (MWI) on/off messages to the switch.
Notes:	Values: 0: Cannot transmit MWI 1: Can transmit MWI
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup , vw_MediaPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupTemplateObjectId

Property Name	Value
Description:	The unique identifier of the template from which the MediaPortGroup object was created.
Notes:	
Business Rules:	
Developer Notes:	No FK/link in case the template is deleted in future release.
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to which this MediaPortGroup belongs. The MediaSwitch represents the PBX/switch at the other end of the phone lines.
Notes:	FK to MediaSwitch.ObjectId
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiMaxConcurrentRequests

Property Name	Value
Description:	The maximum number of MWI requests that can be in progress at any instant.
Notes:	Used for "MWI throttling" feature. A value of 0 that this limitation is not in effect.
Business Rules:	Pertinent only if EnableMWI = TRUE and ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] MaximumConcurrentMWIRequests
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	250

MwiMinRequestIntervalMs

Property Name	Value
Description:	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.
Notes:	
Business Rules:	Pertinent only if EnableMWI = TRUE and ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] MinimumMWIRequestInterval. This is used for MWI throttling.
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	5000

MwiOffCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).
Notes:	PIMG feature access code programmed on the PBX. Skinny/CCM: MWI DN programmed on the cluster.
Business Rules:	Does not apply to SIP or PIMG integrations (Cisco Unity Connection ignores value). For other integration types, pertinent only if EnableMWI = TRUE.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	MwiCode
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[0-9A-Za-dPpTtXx#*,]*\$
Validation - Description:	Standard dialstring characters: 0-9, A-D, #, *, comma (pause) and X (primary DTMF ID for subscriber), T (touchtone dialing) and P (pulse dialing).
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiOnCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Notes:	<ul style="list-style-type: none"> * PIMG: feature access code programmed on the PBX. * Skinny/CCM: MWI DN programmed on the cluster.
Business Rules:	Does not apply to SIP or PIMG integrations (Unity ignores value). For other integration types, pertinent only if EnableMWI = TRUE.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	MwiCode
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[0-9A-Za-dPpTtXx#*,]*\$
Validation - Description:	Standard dialstring characters: 0-9, A-D, #, *, comma (pause) and X (primary DTMF ID for subscriber), T (touchtone dialing) and P (pulse dialing).
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiReqPortSpecific

Property Name	Value
Description:	A flag indicating whether MWI requests require a MediaPort.
Notes:	Values: 0: Media port not required for MWI's 1: MWI's require a media port
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	
Occurrences In Views:	vw_MediaPort , vw_MediaPortGroup
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiRetryCountOnSuccess

Property Name	Value
Description:	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Notes:	
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

MwiRetryIntervalOnSuccessMs

Property Name	Value
Description:	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see MwiRetryIntervalCountOnSuccess.
Notes:	

Property Name	Value
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_MediaPort_UsingMediaPortGroupIPPort , vw_MediaPort_UsingMediaRemoteService , vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange , vw_MediaPortGroup , vw_MediaPortGroup_PortCountOnVmsServer , vw_chk_MediaPortGroup_DupCCMServers , vw_chk_MediaPortGroup_DupCCMTFTPServers , vw_chk_MediaPortGroup_DupSIPProxyServers , vw_chk_MediaPortGroup_NoCCMServers , vw_chk_MediaPortGroup_NoCCMTFTPServers , vw_chk_MediaPortGroup_NoPorts , vw_chk_MediaPortGroup_NoSIPProxyServers , vw_chk_MediaPortGroup_NoUnitySIPPort , vw_chk_MediaPortGroup_NoPIMGRemoteService , vw_chk_MediaPortGroup_NoCodecs
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

OutgoingGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Notes:	
Business Rules:	
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingGuardTime.
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	2500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10000

OutgoingPostDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) after dialing an outgoing call.
Notes:	
Business Rules:	
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingPostDialDelayMs.
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

OutgoingPreDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) before dialing.
Notes:	
Business Rules:	
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingPreDialDelayMs.
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

PortNumMax

Property Name	Value
Description:	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.
Notes:	This column comes into play for PIMG port groups (TelephonyIntegrationMethodEnum = 3) It functions as an aid to the Cisco Unity administrator by not permitting the administrator to configure more Cisco Unity telephony ports than the number of ports available on the PIMG or TIMG device. For other types of port groups, the value of this column is typically set to zero by the port group template, which disables the restriction.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	256

SipAuthenticateAsUser

Property Name	Value
Description:	The user name used for SIP authentication.
Notes:	
Business Rules:	Pertinent only if SIPDoAuthenticate=TRUE, in which case should not be empty.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[p{L}\p{Digit}~!@#%^\x26\~_{} \.,']*
Validation - Description:	Any ASCII or unicode alphabetical or numeric character; special characters ` , ~ , ! , @ , # , \$, % , ^ , & , - , _ , ' , period, comma, and space.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SipAuthenticatePassword

Property Name	Value
Description:	The password to use during SIP authentication.

Property Name	Value
Notes:	This is encrypted.
Business Rules:	Pertinent only if SIPDoAuthenticate=TRUE.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SipContactLineName

Property Name	Value
Description:	The dialable (extension) number of the lines in this group, i.e., pilot number.
Notes:	All lines in the group share the same contact line name (Cisco Unity Connection implements the hunt group). Example where Cisco Unity Connection is 10.93.248.36, Unity SIP port is 5060, contact line name is 3200: INVITE sip:3200@10.93.248.36:5060 SIP/2.0
Business Rules:	Pertinent only if TelephonyIntegrationMethodEnum = SIP.
Developer Notes:	Data validation is based on 'user' portion of user@server.com from RFC 3261.
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9_\.\!~*')&=+\$.;?%\]]*\$
Validation - Description:	All alphabetical and digits 0-9 ASCII characters. Special characters hyphen, underscore, period, exclamation mark, tilde, asterisk, single quote, opening and closing parens, ampersand, equals, plus, dollar sign, comma, semicolon, question mark, backslash, and percent sign are allowed.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SipDoAuthenticate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Notes:	Values: 0: Do not authenticate with endpoint 1: Must authenticate with endpoint
Business Rules:	Applies only when TelephonyIntegrationMethodEnum=SIP.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SipRegisterWithProxyServer

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.
Notes:	Values: 0: Do not register with a SIP proxy server 1: Must register with a SIP proxy server
Business Rules:	Applies only when TelephonyIntegrationMethodEnum=SIP.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SipTransportProtocolEnum

Property Name	Value
Description:	The transport protocol Cisco Unity Connection should use for the SIP integration.
Notes:	FK to EnumSIPTransportProtocol.Enum Values: 10: UDP - Uniform Datagram Protocol. 11: TDP - Transport Control Protocol.
Business Rules:	Applies only when TelephonyIntegrationMethodEnum=SIP or PIMG. For PIMG, for now should not be displayed in SA or should be displayed disabled with default value (UDP). Once we have had a chance to qualify PIMG with TCP, we can allow editing of this field through the SA.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	True
Default Value:	10
Custom Type:	SIPTransportProtocol
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDevicePrefix

Property Name	Value
Description:	The prefix Cisco Unity Connection uses to generate Skinny device name for ports belonging to this group.

Property Name	Value
Notes:	<p>Cisco Unified Communications Manager generates voice mail device names from a prefix supplied by the user. In Cisco CallManager 4.0 Administration, this prefix is called the "Cisco Voice Mail Server Name". Individual device names are of the form <prefix>-VI1, <prefix>-VI2, etc., where the "-VI" plus sequential number are added by Cisco Unified Communications Manager.</p> <p>This setting should specify the entire device name except for the sequential number at the end. For example, if the Cisco Voice Mail Server Name configured on Cisco Unified Communications Manager is "UnityVM", then device names will be "UnityVM-VI1", "UnityVM-VI2", etc. In this setting in Cisco Unity Connection you would specify "UnityVM-VI".</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (48 characters)
Validation - Expression:	^[a-zA-Z0-9_\. -]*\$
Validation - Description:	ASCII alphanumeric, period, hyphen and underscore.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	48 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used by lines in this group to integrate with the switch.
Notes:	<p>FK to TelephonyIntegrationMethodEnum.Enum.</p> <p>Values:</p> <ol style="list-style-type: none"> 1: Skinny Client Control Protocol (SCCP) integration method. 2: Session Initiation Protocol (SIP) integration method. 3: Intel PBX IP Media Gateway (PIMG) integration method.
Business Rules:	Once a instance of this object has been created, this value can never be modified.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroup , vw_MediaPort_UsingMediaPortGroupIPPort , vw_MediaPortGroup_PortCountOnVmsServer , vw_chk_MediaPortGroup_NoUnitySIPPort
Primary Key:	False
Allow Null:	False
Default Value:	1

Property Name	Value
Custom Type:	TelephonyIntegrationMethod
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WaitForCallInfoMs

Property Name	Value
Description:	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.
Notes:	Typically used for PIMG integrations where the PBX sends call info to the PIMG (for instance, by inband DTMF) only after the call has been answered.
Business Rules:	
Developer Notes:	Added for CSCsd65984
Occurrences In Views:	vw_MediaPortGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	60000

3.45. tbl_MediaPortGroupCodec

A mapping of a codec definition to a media port group. Each row maps a port group to the definition of a codec the port group can use over RTP. Each row stores the port-group-specific settings for the codec.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectID	char (36 characters)	False	Primary key	ObjectID
FK	MediaPortGroupObjectID	char (36 characters)	False	The unique identifier of the MediaPortGroup object that is mapped to the specified RtpCodecDef.	ObjectID
	Preference	int (4 bytes)	False	Preference ranking for this codec relative to other codecs supported for the port group. Lowest value of Preference is the most preferred.	
	PreferredPacketSizeMs	int (4 bytes)	False	Specifies the default packet size (in milliseconds) when negotiating this codec for SIP. The setting is used in the following situations: 1) No incoming SDP ptime attribute in incoming SDP offer. 2) Cisco Unity Connection initiated SDP offer. If the other party in the SIP negotiation provides a ptime attribute in the SDP before Cisco Unity Connection has a chance to do it, Cisco Unity Connection honors the request and this setting does not come into play.	RTPPacketSizeMs
FK	RtpCodecDefObjectID	char (36 characters)	False	The unique identifier of the RtpCodecDefinition object that is mapped to the specified MediaPortGroup.	ObjectID

Table Keys

CK_tbl_MediaPortGroupCodec_MediaPortGroupObjectID_RtpCodecDefObjectID

Property Name	Value
Description:	Uniquely identifies a codec for a media port group.

Property Name	Value
Type:	Candidate
Column(s):	MediaPortGroupObjectId , RtpCodecDefObjectId
Clustered?	False
Constraint Error String:	Duplicate codec for this media port group.

PK_tbl_MediaPortGroupCodec

Property Name	Value
Description:	Uniquely identifies a MediaPortGroupCodec in this table and exclusively represents it throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate port group codec. A port group codec with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaPortGroupCodec.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MediaPortGroupCodec.

Table Relationships (Foreign Keys)

tbl_MediaPortGroupCodec has the following relationships with other tables:

tbl_MediaPortGroupCodec.MediaPortGroupObjectId (0..*) -----(1..1) tbl_MediaPortGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaPortGroupCodec_MediaPortGroupObjectId_tbl_MediaPortGroup_ObjectId
Description:	Each MediaPortGroupCodec must be mapped to one MediaPortGroup. Each MediaPortGroup may be mapped to one or more MediaPortGroupCodec objects.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaPortGroupCodec and tbl_MediaPortGroup linked by the foreign key MediaPortGroupObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this codec to a nonexistent port group.

tbl_MediaPortGroupCodec.RtpCodecDefObjectId (0..*) ----- (1..1) tbl_RtpCodecDef.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaPortGroupCodec_RtpCodecDefObjectId_tbl_RtpCodecDef_ObjectId
Description:	Each MediaPortGroupCodec must be mapped to one RtpCodecDef. Each RtpCodecDef may be mapped to one or more MediaPortGroupCodec objects.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaPortGroupCodec and tbl_RtpCodecDef linked by the foreign key RtpCodecDefObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign a nonexistent rtpcodecdef to this media port group.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MediaPortGroupCodec:

Name	Object Type	Description
vw_MediaPortGroupCodec	View	Simple view for tbl_MediaPortGroupCodec
csp_MediaPortGroupCodecCreate	Stored Procedure	Create a row in tbl_MediaPortGroupCodec
csp_MediaPortGroupCodecDelete	Stored Procedure	Delete a row in tbl_MediaPortGroupCodec
csp_MediaPortGroupCodecModify	Stored Procedure	Modify a row in tbl_MediaPortGroupCodec
tr_MediaPortGroupCodec_Delete	Trigger	
tr_MediaPortGroupCodec_Insert	Trigger	
tr_MediaPortGroupCodec_Update	Trigger	

Table Triggers

Name	Event To Fire On	Description	Notes
tr_MediaPortGroupCodec_Delete	On Delete		
tr_MediaPortGroupCodec_Insert	On Insert		
tr_MediaPortGroupCodec_Update	On Update		

Column Properties

MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object that is mapped to the specified RtpCodecDef.
Notes:	Foreign key to the port group
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupCodec
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectID

Property Name	Value
Description:	Primary key
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupCodec
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

Preference

Property Name	Value
Description:	Preference ranking for this codec relative to other codecs supported for the port group. Lowest value of Preference is the most preferred.
Notes:	This setting is pertinent only if the port group uses Session Initiation Protocol (SIP) for call control.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupCodec
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1000

PreferredPacketSizeMs

Property Name	Value
Description:	Specifies the default packet size (in milliseconds) when negotiating this codec for SIP. The setting is used in the following situations: 1) No incoming SDPptime attribute in incoming SDP offer. 2) Cisco Unity Connection initiated SDP offer. If the other party in the SIP negotiation provides aptime attribute in the SDP before Cisco Unity Connection has a chance to do it, Cisco Unity Connection honors the request and this setting does not come into play.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupCodec
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	RTPPacketSizeMs
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RtpCodecDefObjectId

Property Name	Value
Description:	The unique identifier of the RtpCodecDefinition object that is mapped to the specified MediaPortGroup.
Notes:	Foreign key to the codec definition
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupCodec
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.46. tbl_MediaPortGroupIPPort

IP ports on each Cisco Unity Connection server that are reserved for a specific purpose - assigned to a MediaPortGroup.

Additional Information

For telephony configuration, this table will record the IP ports in use for SIP (SIP and PIMG integrations).

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.	ObjectID
	IpPort	int (4 bytes)	False	The IP port number.	
	IpPortPurposeEnum	smallint (2 bytes)	False	The purpose for which this IP port is used.	IPPortPurpose
FK	MediaPortGroupObjectId	char (36 characters)	False	The unique identifier of the MediaPortGroup object that will open a socket using this IP port.	ObjectID
FK	VmsServerObjectId	char (36 characters)	False	The unique identifier of the VMSServer object on which this IP port is located.	ObjectID

Table Keys

CK_tbl_MediaPortGroupIPPort_IpPort_VmsServerObjectId

Property Name	Value
Description:	Uniquely identifies a IpPort for a VMS Server.
Type:	Candidate
Column(s):	IpPort , VmsServerObjectId
Clustered?	False
Constraint Error String:	Duplicate port group IP port for this VMS Server.

CK_tbl_MediaPortGroupIPPort_IpPortPurposeEnum_MediaPortGroupObjectId_VmsServerObjectId

Property Name	Value
Description:	Uniquely identifies a IpPortPurposeEnum in a MediaPortGroup on a VMS Server.

Property Name	Value
Type:	Candidate
Column(s):	IpPortPurposeEnum , MediaPortGroupObjectId , VmsServerObjectId
Clustered?	False
Constraint Error String:	Only one SIP port may be assigned to a port group on a given VMS server.

PK_tbl_MediaPortGroupIPPort

Property Name	Value
Description:	Uniquely identifies a MediaPortGroupIPPort in this table and exclusively represents it throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate port group IP port. A port group IP port with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaPortGroupIPPort.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MediaPortGroupIPPort.

Table Relationships (Foreign Keys)

tbl_MediaPortGroupIPPort has the following relationships with other tables:

tbl_MediaPortGroupIPPort.MediaPortGroupObjectId (0..*) -----(1..1) tbl_MediaPortGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaPortGroupIPPort_MediaPortGroupObjectId_tbl_MediaPortGroup_ObjectId
Description:	Each media port group IP port must belong to one media port group. Each media port group may have one or more media port group IP ports.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaPortGroupIPPort and tbl_MediaPortGroup linked by the foreign key MediaPortGroupObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the media port group is deleted, the FK Cascade Delete constraint will ensure that the corresponding media port group IP Port is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this IP port to a nonexistent port group.

tbl_MediaPortGroupIPPort.VmsServerObjectId (0..*) ----- (1..1) tbl_VMSServer.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaPortGroupIPPort_VmsServerObjectId_tbl_VMSServer_ObjectId
Description:	Each media port group IP port must be assigned to one VMS server. Each VMS server may be assigned one or more media port group IP ports.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaPortGroupIPPort and tbl_VMSServer linked by the foreign key VmsServerObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	<p>When the VMS server is deleted, the FK Cascade Delete constraint will ensure that the corresponding media port group IP Port is also deleted.</p> <p>If the VMS server is updated, the FK Cascade Update constraint will ensure that the corresponding media port group IP Port is also updated.</p>
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this IP port to a nonexistent VMS server.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MediaPortGroupIPPort:

Name	Object Type	Description
vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange	View	A check for out of range SIP ports. Shows the Unity SIP ports falling outside the range configured for SIP.
vw_MediaPort_UsingMediaPortGroupIPPort	View	Shows IP ports on the Cisco Unity Connection server reserved for use by telephony ports.
vw_MediaPortGroupIPPort	View	A simple view of tbl_MediaPortGroupIPPort.
csp_IPPortReservation_GetNextAvailablePort	Stored Procedure	Retrieves the next available IpPort from the range(s) reserved
csp_MediaPortGroupIPPortCreate	Stored Procedure	Creates a new MediaPortGroupIPPort object by inserting a new row into tbl_MediaPortGroupIPPort.
csp_MediaPortGroupIPPortDelete	Stored Procedure	Deletes a MediaPortGroupIPPort object from tbl_MediaPortGroupIPPort as specified by the @ObjectId parameter.
csp_MediaPortGroupIPPortModify	Stored Procedure	Updates the attributes of a MediaPortGroupIPPort object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPortGroupIPPort object that is updated.
tr_MediaPortGroupIPPort_Delete	Trigger	Following the deletion of a MediaPortGroupIPPort, this trigger updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.
tr_MediaPortGroupIPPort_Insert	Trigger	Following the insert of a MediaPortGroupIPPort, this trigger first performs data validation. Then it updates the media port configuration state by inserting a row into tbl_MediaPortConfigState.

Name	Object Type	Description
tr_MediaPortGroupIPPort_Update	Trigger	Following the update of a MediaPortGroupIPPort, this trigger first performs data validation. Then it updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.

Table Triggers

Name	Event To Fire On	Description	Notes
tr_MediaPortGroupIPPort_Delete	On Delete	Following the deletion of a MediaPortGroupIPPort, this trigger updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.	
tr_MediaPortGroupIPPort_Insert	On Insert	Following the insert of a MediaPortGroupIPPort, this trigger first performs data validation. Then it updates the media port configuration state by inserting a row into tbl_MediaPortConfigState.	
tr_MediaPortGroupIPPort_Update	On Update	Following the update of a MediaPortGroupIPPort, this trigger first performs data validation. Then it updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.	

Column Properties

IpPort

Property Name	Value
Description:	The IP port number.
Notes:	
Business Rules:	Range: 0-65535. When an instance of a MediaPortGroupIPPort object is created or the value of IPPort is modified, the value should fall within the range(s) specified in IPPortReservation for the same Purpose.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupIPPort , vw_MediaPort_UsingMediaPortGroupIPPort , vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

IpPortPurposeEnum

Property Name	Value
Description:	The purpose for which this IP port is used.
Notes:	Values: 505: Incoming SIP call control to establish media session 506: Outgoing SIP UDP 507: RTP and RTCP 508: All SMTP traffic
Business Rules:	
Developer Notes:	In Kubrick 1, used only to store SIP port assignments.
Occurrences In Views:	vw_MediaPortGroupIPPort , vw_MediaPort_UsingMediaPortGroupIPPort
Primary Key:	False
Allow Null:	False
Default Value:	500
Custom Type:	IPPortPurpose
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object that will open a socket using this IP port.
Notes:	FK to MediaPortGroup.ObjectId

Property Name	Value
Business Rules:	Unique: [MediaPortGroupObjectId, IPPortPurpose, VMSServerObjectId] - For a given port group, only one IP port is needed on each VMS server for a specific purpose. For instance, for a SIP port group, assign max one SIP IP port on each VMSServer.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupIPPort
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_MediaPort_UsingMediaPortGroupIPPort , vw_MediaPortGroupIPPort , vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object on which this IP port is located.
Notes:	FK to VMSServer.ObjectId
Business Rules:	Unique: [VMSServerObjectId,IPPort] - A port number cannot be assigned more than once on each VMS server.
Developer Notes:	
Occurrences In Views:	vw_MediaPort_UsingMediaPortGroupIPPort , vw_MediaPortGroupIPPort
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.47. tbl_MediaPortGroupTemplate

Contains the default values for attributes of a MediaPortGroup. The MediaPortGroupTemplate is used to create new media port groups.

Additional Information

Each MediaPortGroupTemplate is designed for a specific model/manufacture of switch. The model is stored in the template itself. In the Cisco Unity Connection Administration, when an administrator tries to create a MediaPortGroup, the administrative interface looks up the model/manufacture of the MediaSwitch to which the MediaPortGroup will belong and displays a list containing only templates matching that model/manufacture. Once a selection is made, the administrative interface copies the defaults specified in the template into the new MediaPortGroup object.

Columns with names beginning with "Copy_" are values that are copied into the new row in MediaPortGroup. For instance, MediaPortGroupTemplate.Copy_DisplayName is the value of DisplayName in the new MediaPortGroup.

All of the Copy_ columns allow NULLs. If a column is NULL, the corresponding column in MediaPortGroup will assume the default value specified in MediaPortGroup. Thus the Copy_ columns in this table basically override the default values in the MediaPortGroup table.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupTemplate object.	ObjectID
	Copy_CCMDAutoFailback	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.	Bool
	Copy_DelayBeforeOpeningMs	smallint (2 bytes)	False	The delay (in milliseconds) after a call is connected before playing the opening greeting.	
	Copy_DTMFDialInterDigitDelayMs	int (4 bytes)	False	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.	
	Copy_EnableAGC	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.	Bool
	Copy_EnableMWI	smallint (2 bytes)	False	A flag indicating whether ports in this group can transmit message waiting indicator (MWI) on/off messages to the switch via inband integration method (through use of DTMF).	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	Copy_MWIMaxConcurrentRequests	smallint (2 bytes)	False	The maximum number of MWI requests that can be in progress at any instant.	
	Copy_MWIMinRequestIntervalMs	int (4 bytes)	False	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.	
	Copy_MWIOffCode	nvarchar (128 characters)	True	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).	MwiCode
	Copy_MWIONCode	nvarchar (128 characters)	True	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).	MwiCode
	Copy_MWIReqPortSpecific	smallint (2 bytes)	False	A flag indicating whether MWI requests require a MediaPort.	Bool
	Copy_MWIRetryCountOnSuccess	smallint (2 bytes)	False	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.	
	Copy_MWIRetryIntervalOnSuccessMs	smallint (2 bytes)	False	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see Copy_MWIRetryIntervalCountOnSuccess .	
	Copy_OutgoingGuardTimeMs	int (4 bytes)	False	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.	
	Copy_OutgoingPostDialDelayMs	int (4 bytes)	False	The delay (in milliseconds) after dialing an outgoing call.	
	Copy_OutgoingPreDialDelayMs	int (4 bytes)	False	The delay (in milliseconds) before dialing.	
	Copy_PortNumMax	int (4 bytes)	False	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.	
	Copy_SIPDoAuthenticate	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.	Bool
	Copy_SIPRegisterWithProxyServer	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.	Bool
	Copy_SIPTransportProtocolEnum	smallint (2 bytes)	False	The transport protocol Cisco Unity Connection should use for the SIP integration.	SIPTransportProtocol
	Copy_TelephonyIntegrationMethodEnum	smallint (2 bytes)	False	The method used by lines in this group to integrate with the switch.	TelephonyIntegrationMethod

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	Copy_WaitForCallInfoMs	int (4 bytes)	False	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.	
FK	MediaSwitchModelObjectId	char (36 characters)	True	The unique identifier of the MediaSwitchModel object to which this template applies.	ObjectID
	TemplateDescriptionDefault	lvvarchar (256 characters)	True	A description of the MediaPortGroupTemplate to aid the user in the selection of a template for the purpose of creating a new MediaPortGroup. Information such as Cisco Unity Connection system requirements and PBX requirements are contained in this column.	
	TemplateDescriptionLoc	lvvarchar (256 characters)	True	The short name of template description used to retrieve the localized version of the template description from tbl_LocalizedText.	
	TemplateNameDefault	lvvarchar (256 characters)	True	The name/title of the template.	
	TemplateNameLoc	lvvarchar (256 characters)	True	The short name of template name used to retrieve the localized version of the template name from tbl_LocalizedText.	

Table Keys

PK_tbl_MediaPortGroupTemplate

Property Name	Value
Description:	Uniquely identifies a MediaPortGroupTemplate in this table and exclusively represents this MediaPortGroupTemplate throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate port group template. A port group template with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaPortGroupTemplate.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MediaPortGroupTemplate.

Table Relationships (Foreign Keys)

tbl_MediaPortGroupTemplate has the following relationships with other tables:

tbl_MediaPortGroupTemplate.MediaSwitchModelObjectId (0..*) ----- (1..1) tbl_MediaSwitchModel.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaPortGroupTemplate_MediaSwitchModelObjectId_tbl_MediaSwitchModel_ObjectId
Description:	Each media port group template must apply to one media switch model. Each media switch model may be applied to one or more media port group templates.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaPortGroupTemplate and tbl_MediaSwitchModel linked by the foreign key MediaSwitchModelObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the phone system model to which this port group template is assigned or to assign this port group template to a nonexistent phone system model.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MediaPortGroupTemplate:

Name	Object Type	Description
vw_MediaPortGroupTemplate	View	A simple view for tbl_MediaPortGroupTemplate.
csp_MediaPortGroupTemplateCreate	Stored Procedure	Creates a new MediaPortGroupTemplate object by inserting a new row into tbl_MediaPortGroupTemplate.
csp_MediaPortGroupTemplateDelete	Stored Procedure	Deletes a MediaPortGroupTemplate object from tbl_MediaPortGroupTemplate as specified by the @ObjectId parameter.
csp_MediaPortGroupTemplateModify	Stored Procedure	Updates the attributes of a MediaPortGroupTemplate object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPortGroupTemplate object that is updated.

Table Triggers

No triggers are specified for tbl_MediaPortGroupTemplate.

Column Properties

Copy_CCMDAutoFailback

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Notes:	Values: 0: Do not failback 1: Failback
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_DelayBeforeOpeningMs

Property Name	Value
Description:	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] DelayBeforeOpening.
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0

Property Name	Value
Validation - Maximum Value:	3000

Copy_DTMFDialInterDigitDelayMs

Property Name	Value
Description:	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	500

Copy_EnableAGC

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection should apply software-based gain control when recording messages.
Notes:	Gain control is performed in software on the Cisco Unity Connection host. Values: 0: Do not perform software-based gain control 1: Software-based gain control is performed on Cisco Unity Connection
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_EnableMWI

Property Name	Value
Description:	A flag indicating whether ports in this group can transmit message waiting indicator (MWI) on/off messages to the switch via inband integration method (through use of DTMF).
Notes:	Values: 0: Cannot transmit MWI using inband integration method 1: Can transmit MWI using inband integration method
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_MWIMaxConcurrentRequests

Property Name	Value
Description:	The maximum number of MWI requests that can be in progress at any instant.
Notes:	Used for "MWI throttling" feature. A value of 0 indicates that this limitation is not in effect.
Business Rules:	Applies to ALL integrations.

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	250

Copy_MWIMinRequestIntervalMs

Property Name	Value
Description:	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] MinimumMWIRequestInterval. This is used for MWI throttling.
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	5000

Copy_MWIOffCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).
Notes:	Dialogic: feature access code programmed on the PBX. Skinny/CCM: MWI DN programmed on the cluster.
Business Rules:	Does not apply to SIP or PIMG integrations (Unity ignores value). For other integration types, pertinent only if EnableMWI = TRUE.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	MwiCode
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[0-9A-Da-dPpTtXx#*,]*\$
Validation - Description:	Standard dialstring characters: 0-9, A-D, #, *, comma (pause) and X (primary DTMF ID for subscriber), T (touchtone dialing) and P (pulse dialing).
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_MWIONCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Notes:	Dialogic: feature access code programmed on the PBX. Skinny/CCM: MWI DN programmed on the cluster.
Business Rules:	Does not apply to SIP or PIMG integrations (Unity ignores value). For other integration types, pertinent only if EnableMWI = TRUE.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	MwiCode
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[0-9A-Da-dPpTtXx#*,]*\$
Validation - Description:	Standard dialstring characters: 0-9, A-D, #, *, comma (pause) and X (primary DTMF ID for subscriber), T (touchtone dialing) and P (pulse dialing).
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_MWIReqPortSpecific

Property Name	Value
Description:	A flag indicating whether MWI requests require a MediaPort.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_MWIRetryCountOnSuccess

Property Name	Value
Description:	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Notes:	
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

Copy_MWIRetryIntervalOnSuccessMs

Property Name	Value
Description:	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see Copy_MWIRetryIntervalCountOnSuccess.
Notes:	
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

Copy_OutgoingGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingGuardTime.
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	2500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10000

Copy_OutgoingPostDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) after dialing an outgoing call.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingPostDialDelayMs.
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

Copy_OutgoingPreDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) before dialing.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	Applies to ALL integrations.

Property Name	Value
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingPreDialDelayMs.
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

Copy_PortNumMax

Property Name	Value
Description:	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	256

Copy_SIPDoAuthenticate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Notes:	Values: 0: Do not authenticate with endpoint 1: Must authenticate with endpoint
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_SIPRegisterWithProxyServer

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.
Notes:	Values: 0: Do not register with a SIP proxy server 1: Must register with a SIP proxy server
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

Copy_SIPTransportProtocolEnum

Property Name	Value
Description:	The transport protocol Cisco Unity Connection should use for the SIP integration.
Notes:	FK to EnumSIPTransportProtocol.Enum. Values: 10: UDP - Uniform Datagram Protocol. 11: TDP - Transport Control Protocol.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	10
Custom Type:	SIPTransportProtocol
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used by lines in this group to integrate with the switch.
Notes:	FK to TelephonyIntegrationMethodEnum.Enum. Values: 1: Skinny Client Control Protocol (SCCP) integration method. 2: Session Initiation Protocol (SIP) integration method. 3: Intel PBX IP Media Gateway (PIMG) integration method.
Business Rules:	Once a instance of this object has been created, this value can never be modified.
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	TelephonyIntegrationMethod
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_WaitForCallInfoMs

Property Name	Value
Description:	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	60000

MediaSwitchModelObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchModel object to which this template applies.

Property Name	Value
Notes:	Foreign key to MediaSwitchModel.Moniker This value is used by clients such as Cisco Unity Connection Administration that allow the user to create port groups. Client should allow creation only from templates that match the model of the MediaSwitch to which the new port group belongs.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Objectid

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupTemplate object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateDescriptionDefault

Property Name	Value
Description:	A description of the MediaPortGroupTemplate to aid the user in the selection of a template for the purpose of creating a new MediaPortGroup. Information such as Cisco Unity Connection system requirements and PBX requirements are contained in this column.
Notes:	Displayed only if language-specific translation of TemplateDescriptionLoc cannot be retrieved from tbl_LocalizedText.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII or Unicode)
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateDescriptionLoc

Property Name	Value
Description:	The short name of template description used to retrieve the localized version of the template description from tbl_LocalizedText.
Notes:	References tbl_LocalizedText.LocalizationKey.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateNameDefault

Property Name	Value
Description:	The name/title of the template.
Notes:	Displayed only if language-specific translation of TemplateNameLoc cannot be retrieved from tbl_LocalizedText.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateNameLoc

Property Name	Value
Description:	The short name of template name used to retrieve the localized version of the template name from tbl_LocalizedText.
Notes:	References tbl_LocalizedText.LocalizationKey.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaPortGroupTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.48. tbl_MediaRemoteService

An IP-based endpoint or service (e.g., Cisco Call Manager, SIP Proxy server) with which Cisco Unity Connection can communicate.

Additional Information

The information contained in this table is different depending on the integration's integration method.

Example: For a CCM cluster with three CCM servers and one TFTP server, the MediaRemoteService table would contain four rows: three separate rows - one for each CCM, and one row for a CCMTFTP.

MediaRemoteServiceEnum is the discriminator that determines which of the two columns must be non-NULL:

- * CCMAXL: MediaSwitchObjectId IS NOT NULL, MediaPortGroupObjectID = NULL.
- * CCM, CCMTFTP, PIMG and SIPProxy: MediaSwitchObjectId = NULL, MediaPortGroupObjectID IS NOT NULL.
- * ASRMediaServer and TTSMediaServer: MediaSwitchObjectId = NULL, MediaPortGroupObjectID = NULL.

Table Business Rules

- * CCMAXL: MediaSwitchObjectId IS NOT NULL, MediaPortGroupObjectID = NULL.
- * CCM, CCMTFTP, PIMG and SIPProxy: MediaSwitchObjectId = NULL, MediaPortGroupObjectID IS NOT NULL.
- * ASRMediaServer and TTSMediaServer: MediaSwitchObjectId = NULL, MediaPortGroupObjectID = NULL.

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.	ObjectID
	DisplayName	nvarchar (64 characters)	True	The name of the service. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	HostOrIPAddress	lvarchar (256 characters)	False	The DNS name or IP address of the computer hosting the remote service .	
FK	MediaPortGroupObjectId	char (36 characters)	True	The unique identifier of the MediaPortGroup object to which this row corresponds.	ObjectID
	MediaRemoteServiceEnum	smallint (2 bytes)	False	The type of IP service.	MediaRemoteService
	MediaServerName	nvarchar (128 characters)	True	The preferred name of the media server, if applicable.	
FK	MediaSwitchObjectId	char (36 characters)	True	The unique identifier of the MediaSwitch object to which this row corresponds.	ObjectID
	Port	int (4 bytes)	False	The IP port at which the service is found.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	Precedence	int (4 bytes)	False	A ranking of priority for rows in this table with identical [MediaSwitchObject, MediaPortGroupObjectId, MediaRemoteServiceEnum] in which connection is attempted to them, that is, as primary, secondary, etc.	
	SkinnyStateMachineEnum	smallint (2 bytes)	False	A flag indicating whether this MediaPortGroup is integrated with Cisco Unified Communications Manager or Cisco CallManager Express. This is used to switch on a special state engine in the Skinny TSP for Cisco CallManager Express.	SkinnyStateMachine
	TlsPort	int (4 bytes)	False	The IP port at which the service is found. Cisco Unity Connection must negotiate a TLS session when using this port.	

Table Keys

PK_tbl_MediaRemoteService

Property Name	Value
Description:	Uniquely identifies a MediaRemoteService in this table and exclusively represents this MediaRemoteService object throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	A remote service (host, IP address, service) with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaRemoteService.

Table Ad-Hoc Constraints

DisplayName_InvalidValueForTypeOfService

Property Name	Value
Description:	Based on the type of service defined by the MediaRemoteService discriminator, checks whether the value of DisplayName is valid.
Notes:	
Developer Notes:	
Business Rules:	The DisplayName must be NULL for all types of Media Remote Services except for ASR. For ASR, a DisplayName is required.

Property Name	Value
Constraint Error String:	A name is required only for an ASR server.

MediaPortGroupObjectId_MediaRemoteServiceEnum_Mismatch

Property Name	Value
Description:	MediaPortGroupObjectId is required if MediaRemoteServiceEnum = CCM(100) CCM TFTP (101) SIP proxy (102) PIMG (104) For other values of MediaRemoteServiceEnum, MediaPortGroupObjectId must be NULL.
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	Remote service type is invalid for the parent port group.

MediaSwitchObjectId_MediaRemoteServiceEnum_Mismatch

Property Name	Value
Description:	MediaSwitchObjectId is required if MediaRemoteServiceEnum = CCM AXL (103). For other values of MediaRemoteServiceEnum, MediaSwitchObjectId must be NULL.
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	Remote service type is invalid for the parent phone system.

Table Relationships (Foreign Keys)

tbl_MediaRemoteService has the following relationships with other tables:

tbl_MediaRemoteService.MediaSwitchObjectId _(0..*)-----^(0..1) tbl_MediaSwitch.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaRemoteService_MediaSwitchObjectId_tbl_MediaSwitch_ObjectId
Description:	Each media remote service may connect to one media switch. Each media switch may be connected to one or more media remote services.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaRemoteService and tbl_MediaSwitch linked by the foreign key MediaSwitchObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.

Property Name	Value
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the media switch is deleted, the FK Cascade Delete constraint will ensure that the corresponding media remote service is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this service to a nonexistent phone system.

tbl_MediaRemoteService.MediaPortGroupObjectId (0..*)----- (0..1) tbl_MediaPortGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaRemoteService_MediaPortGroupObjectId_tbl_MediaPortGroup_ObjectId
Description:	Each media remote service may connect to one media port group. Each media port group may be connected to one or more media remote services.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaRemoteService and tbl_MediaPortGroup linked by the foreign key MediaPortGroupObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the media port group is deleted, the FK Cascade Delete constraint will ensure that the corresponding media remote service is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this service to a nonexistent port group.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MediaRemoteService:

Name	Object Type	Description
vw_chk_MediaPortGroup_DupCCMServers	View	A check for duplicate Cisco Unified Communications Manager servers. Shows the port groups having multiple child Cisco Unified Communications Manager servers (tbl_MediaRemoteService) having the same HostOrIPAddress.
vw_chk_MediaPortGroup_DupCCMTFTPServers	View	A check for duplicate Cisco Unified Communications Manager TFTP servers. Shows the port groups having multiple child Cisco Unified Communications Manager TFTP servers (tbl_MediaRemoteService) having the same HostOrIPAddress.
vw_chk_MediaPortGroup_DupSIPProxyServers	View	A check for duplicate SIP proxy servers. Shows the port groups having multiple child SIP proxy servers (tbl_MediaRemoteService) having the same HostOrIPAddress and port number.

Name	Object Type	Description
vw_chk_MediaSwitch_DupCCMA XLServers	View	A check for duplicate Cisco Unified Communications Manager AXL servers. Shows the phone systems (tbl_MediaSwitch) having multiple child Cisco Unified Communications Manager AXL servers (tbl_MediaRemoteService) with the same HostOrIPAddress and port number.
vw_chk_MediaSwitch_DupPIMG	View	A check for duplicate PIMG port groups. Shows the phone systems (MediaSwitch) having two or more PIMG port groups with the same HostOrIPAddress (Case-insensitive comparison). HostOrIPAddress is found in MediaRemoteService.
vw_MediaPort_UsingMediaRemot eService	View	Shows remote IP telephony endpoints with which each Cisco Unity Connection telephony port interacts.
vw_MediaRemoteService	View	A simple view for tbl_MediaRemoteService.
csp_MediaRemoteServiceCreate	Stored Procedure	Creates a new MediaRemoteService object by inserting a new row into tbl_MediaRemoteService.
csp_MediaRemoteServiceDelete	Stored Procedure	Deletes a MediaRemoteService object from tbl_MediaRemoteService as specified by the @ObjectId parameter.
csp_MediaRemoteServiceModify	Stored Procedure	Updates the attributes of a MediaRemoteService object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaRemoteService object that is updated.
tr_MediaRemoteService_Delete	Trigger	Following the deletion of a MediaRemoteService, this trigger updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.
tr_MediaRemoteService_Insert	Trigger	Following the insert of a MediaRemoteService, this trigger first performs data validation. Then it updates the media port configuration state by inserting a row into tbl_MediaPortConfigState.
tr_MediaRemoteService_Update	Trigger	Following the update of a MediaRemoteService, this trigger first performs data validation. Then it updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.

Table Triggers

Name	Event To Fire On	Description	Notes
tr_MediaRemoteService_D elete	On Delete	Following the deletion of a MediaRemoteService, this trigger updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.	
tr_MediaRemoteService_I nsert	On Insert	Following the insert of a MediaRemoteService, this trigger first performs data validation. Then it updates the media port configuration state by inserting a row into tbl_MediaPortConfigState.	

Name	Event To Fire On	Description	Notes
tr_MediaRemoteService_Update	On Update	Following the update of a MediaRemoteService, this trigger first performs data validation. Then it updates the media port configuration state by updating the corresponding row in tbl_MediaPortConfigState.	

Column Properties

DisplayName

Property Name	Value
Description:	The name of the service. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaRemoteService
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HostOrIPAddress

Property Name	Value
Description:	The DNS name or IP address of the computer hosting the remote service .
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_MediaRemoteService , vw_MediaPort_UsingMediaRemoteService , vw_chk_MediaPortGroup_DupCCMServers , vw_chk_MediaPortGroup_DupCCMTFTPServers , vw_chk_MediaPortGroup_DupSIPProxyServers , vw_chk_MediaSwitch_DupCCMAXLServers , vw_chk_MediaSwitch_DupPIMG
Primary Key:	False
Allow Null:	False
Default Value:	127.0.0.1
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object to which this row corresponds.
Notes:	MediaRemoteServiceEnum is the discriminator that determines whether the two columns MediaSwitchObjectId and MediaPortGroupObjectId must be non-NULL or NULL.
Business Rules:	* CCMAXL: MediaSwitchObjectId IS NOT NULL, MediaPortGroupObjectID = NULL. * CCM, CCMTFTP, PIMG and SIPProxy: MediaSwitchObjectId = NULL, MediaPortGroupObjectID IS NOT NULL. * ASRMediaServer and TTSMediaServer: MediaSwitchObjectId = NULL, MediaPortGroupObjectID = NULL.
Developer Notes:	FK to MediaPortGroup.ObjectId
Occurrences In Views:	vw_MediaRemoteService
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaRemoteServiceEnum

Property Name	Value
Description:	The type of IP service.
Notes:	MediaRemoteServiceEnum is the discriminator that determines whether the two columns MediaSwitchObjectId and MediaPortGroupObjectId must be non-NULL or NULL. Values: 100: Cisco Unified Communications Manager server. 101: Cisco Unified Communications Manager Trivial File Transfer Protocol service. 102: SIP proxy server. 103: Cisco Unified Communications Manager AXL service 104: PIMG 105: Automatic Speech Recognition media server. 106: Text-To-Speech media server.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaRemoteService , vw_MediaPort_UsingMediaRemoteService
Primary Key:	False
Allow Null:	False
Default Value:	100
Custom Type:	MediaRemoteService
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaServerName

Property Name	Value
Description:	The preferred name of the media server, if applicable.
Notes:	Example values. For ASR, name="Recognizer", for TTS, name="synthesizer."
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaRemoteService
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to which this row corresponds.
Notes:	MediaRemoteServiceEnum is the discriminator that determines whether the two columns MediaSwitchObjectId and MediaPortGroupObjectId must be non-NULL or NULL.
Business Rules:	<ul style="list-style-type: none"> * CCMAXL: MediaSwitchObjectId IS NOT NULL, MediaPortGroupObjectID = NULL. * CCM, CCMTFTP, PIMG and SIPProxy: MediaSwitchObjectId = NULL, MediaPortGroupObjectID IS NOT NULL. * ASRMediaServer and TTSMediaServer: MediaSwitchObjectId = NULL, MediaPortGroupObjectId = NULL.
Developer Notes:	FK to MediaSwitch.ObjectId
Occurrences In Views:	vw_MediaRemoteService
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.
Notes:	
Business Rules:	Default value = newid().

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_MediaPort_UsingMediaRemoteService , vw_MediaRemoteService
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Port

Property Name	Value
Description:	The IP port at which the service is found.
Notes:	
Business Rules:	Range: 0-65535
Developer Notes:	
Occurrences In Views:	vw_MediaRemoteService , vw_chk_MediaPortGroup_DupSIPProxyServers , vw_chk_MediaSwitch_DupCCMAXLServers
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

Precedence

Property Name	Value
Description:	A ranking of priority for rows in this table with identical [MediaSwitchObject, MediaPortGroupObjectId, MediaRemoteServiceEnum] in which connection is attempted to them, that is, as primary, secondary, etc.
Notes:	Rows with identical values of MediaRemoteServiceEnum, MediaSwitchObjectId, MediaPortGroupObjectId are considered to be redundant providers of the same service. Within such a group, the row with the lowest Precedence is the primary server, row with the next higher Precedence is the secondary server, etc. Gaps in the numbering are allowed. If duplicates of Precedence exist within a group, the ordering is undefined and Cisco Unity Connection will arbitrarily impose an ordering.
Business Rules:	GTE zero.
Developer Notes:	
Occurrences In Views:	vw_MediaRemoteService
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

SkinnyStateMachineEnum

Property Name	Value
Description:	A flag indicating whether this MediaPortGroup is integrated with Cisco Unified Communications Manager or Cisco CallManager Express. This is used to switch on a special state engine in the Skinny TSP for Cisco CallManager Express.
Notes:	Values: 10: Cisco Unified Communications Manager 20: Cisco CallManager Express
Business Rules:	Pertinent only when MediaRemoteServiceEnum = CCM.
Developer Notes:	
Occurrences In Views:	vw_MediaRemoteService
Primary Key:	False
Allow Null:	False
Default Value:	10
Custom Type:	SkinnyStateMachine
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TlsPort

Property Name	Value
Description:	The IP port at which the service is found. Cisco Unity Connection must negotiate a TLS session when using this port.
Notes:	
Business Rules:	Range: 0-65535
Developer Notes:	
Occurrences In Views:	vw_MediaRemoteService
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

3.49. tbl_MediaSwitch

A switching system (telephone system) with which Cisco Unity Connection can integrate. Examples: Cisco Unified Communications Manager cluster, Cisco SIP Proxy Server cluster, TDM PBX, Centrex.

Additional Information

This table contains the all the properties of the telephone switch/network independent of the method Cisco Unity Connection uses to integrate with the telephone switch/network.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID
	CallLoopDTMF	nvarchar (16 characters)	False	The name of the 4th Column DTMF tone used for Reject Forward Notification and Supervised Call Loop Detection.	DtmfColumn
	CallLoopForwardNotificationDetect	smallint (2 bytes)	False	A flag indicating whether Reject Forwarded Notification is enabled.	Bool
	CallLoopGuardTimeMs	int (4 bytes)	False	The amount of time (in milliseconds) i.e. "guard time" used for Rejecting Forwarded Notifications and Supervised Transfer Call Loop Detection.	
	CallLoopSupervisedTransferDetect	smallint (2 bytes)	False	A flag indicating whether Supervised Transfer Call Loop Detection is enabled.	Bool
	CcmAXLPassword	varchar (254 characters)	True	The password (encrypted) for the CcmAXLUser used to connect to a AXL Web service on a Cisco Call Manager cluster.	
	CcmAXLUser	nvarchar (128 characters)	True	The user name used to connect to AXL Web service on a Cisco Call Manager cluster.	
	CcmCtiPassword	varchar (254 characters)	True	The password (encrypted) for the CcmCtiUser.	
	CcmCtiUser	nvarchar (128 characters)	True	The user name for a Call Manager user that is assigned CTI access to one or more CCM devices.	
	CcmVersion	nvarchar (16 characters)	True	The product version of the Cisco Unified Communications Manager switch.	
	DefaultTRaPSwitch	smallint (2 bytes)	False	Use this as default TRaP switch for administrators?	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	DisplayName	nvarchar (64 characters)	False	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	EnablePhoneApplications	smallint (2 bytes)	False	A flag indicating whether IP phone applications are enabled for this switch (e.g., integration).	Bool
FK	MediaSwitchModelObjectId	char (36 characters)	False	The unique identifier of the MediaSwitchModel object for this telephone switch/network.	ObjectID
	MwiAlwaysUpdate	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will always send a "set MWI" message to the switch whenever the mailbox contents change, even if the Cisco Unity Connection database record indicates the MWI is already in the correct state.	Bool
	MwiForceOff	smallint (2 bytes)	False	A flag that indicates whether all User MWI devices falling on this phone system should be unconditionally off.	Bool
	MwiPortMemory	smallint (2 bytes)	False	A flag indicating whether the switch requires that Cisco Unity Connection send MWI "off" requests to the same PBX port as the MWI "on" requests.	Bool

Table Keys

CK_tbl_MediaSwitch_DisplayName

Property Name	Value
Description:	Unique identifies the display name of a media switch in tbl_MediaSwitch.
Type:	Candidate
Column(s):	DisplayName
Clustered?	False
Constraint Error String:	Duplicate phone system name.

PK_tbl_MediaSwitch

Property Name	Value
Description:	Uniquely identifies a media switch (i.e., phone switch/network) in this table and exclusively represents this media switch throughout the database.
Type:	Primary
Column(s):	ObjectId

Property Name	Value
Clustered?	True
Constraint Error String:	Duplicate phone system. A phone system with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaSwitch.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MediaSwitch.

Table Relationships (Foreign Keys)

tbl_MediaSwitch has the following relationships with other tables:

tbl_MediaSwitch.MediaSwitchModelObjectId (0..*) ----- (1..1) tbl_MediaSwitchModel.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaSwitch_MediaSwitchModelObjectId_tbl_MediaSwitchModel_ObjectId
Description:	Each media switch must be one type of media switch model. Each media switch model may apply to one or more media switches.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaSwitch and tbl_MediaSwitchModel linked by the foreign key MediaSwitchModelObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the phone system model to which this phone system is assigned or to assign a nonexistent phone system model to this phone system.

Additional relationships with tbl_MediaSwitch are defined in the following tables:

[tbl_CallHandler](#)

[tbl_TransferOption](#)

[tbl_NotificationDeviceConversation](#)

[tbl_NotificationDevicePager](#)

[tbl_NotificationMwi](#)

[tbl_UserSubscriber](#)

[tbl_MediaPortGroup](#)[tbl_MediaRemoteService](#)[tbl_MediaSwitchTrunk](#)[tbl_MediaSwitchTrunk](#)

Table Dependencies

The following views and/or stored procedures have dependencies on [tbl_MediaSwitch](#):

Name	Object Type	Description
vw_chk_MediaSwitch_DupCCMA XLServers	View	A check for duplicate Cisco Unified Communications Manager AXL servers. Shows the phone systems (tbl_MediaSwitch) having multiple child Cisco Unified Communications Manager AXL servers (tbl_MediaRemoteService) with the same HostOrIPAddress and port number.
vw_chk_MediaSwitch_DupPIMG	View	A check for duplicate PIMG port groups. Shows the phone systems (MediaSwitch) having two or more PIMG port groups with the same HostOrIPAddress (Case-insensitive comparison). HostOrIPAddress is found in MediaRemoteService .
vw_chk_MediaSwitch_MediaPort ExtensionDuplicated	View	A check for duplicate extension numbers. Shows the phone systems (tbl_MediaSwitch) having multiple telephony ports configured to use the same extension number.
vw_chk_MediaSwitch_MediaPort HuntOrderDuplicated	View	A check for media ports configured to use the same hunt order. Shows the phone systems (tbl_MediaSwitch) having multiple telephony ports configured to use the same hunt order.
vw_chk_MediaSwitch_NoMWI	View	A check for a media switch without MWI capabilities. Shows the phone systems (tbl_MediaSwitch) having no ability to set message waiting indicators (MWIs).
vw_chk_MediaSwitch_NoPortsAn swer	View	A check for no ports configured for incoming calls. Shows the phone systems (tbl_MediaSwitch) having no telephony ports configured to answer incoming phone calls.
vw_chk_MediaSwitch_NoPortsNo tification	View	A check for no notification ports. Shows the phone systems (tbl_MediaSwitch) having no telephony ports allowed to place outgoing calls for "new message" notification.
vw_chk_MediaSwitch_NoPortsTR aP	View	A check for no outdial ports to play messages to a subscriber. Shows the phone systems (tbl_MediaSwitch) having no telephony ports allowed to place outgoing calls to play messages to a subscriber.
vw_chk_MediaSwitch_PortGroups MismatchedMwiReqPortSpecific	View	This query lists the phone systems having at least one port group configured for in-band MWI and at least one port group configured for out-of-band. The list includes the number of port groups in each category. The column that contains the in-band/out-of-band setting is tbl_MediaPortGroup.MwiReqPortspecific .
vw_MediaSwitch	View	A view for tbl_MediaSwitch plus: * The objectid and display name of the parent MediaSwitchModel * The objectid and display name of the parent MediaSwitchManufacturer * The total number of ports belonging to the MediaSwitch
vw_MediaSwitchTrunk	View	A simple view for tbl_MediaSwitchTrunk .
vw_NotificationDevice	View	A simple view for tbl_NotificationDevice .

Name	Object Type	Description
vw_Subscriber_MediaSwitchAssocCounts	View	For each subscriber the number of devices owned by the subscriber on each phone system, where the subscriber's extension (primary call handler) is treated as a "device."
vw_Subscriber_MediaSwitchAssocCounts_NonEmpty	View	For each subscriber that has either a call handler, notificationMWI or notification device - the number of devices owned by the subscriber on each phone system, where the subscriber's extension (primary call handler) is treated as a "device".
csp_CallhandlerTemplateCreate	Stored Procedure	<p>Creates a new call handler template by inserting a new row into tbl_CallHandler. A call handler template is identical to a call handler except for one distinction --- IsTemplate column = true (1) signifies that a call handler object is a template. This procedure is used to create both primary and non-primary call handlers. csp_CallhandlerTemplateCreate sets the callhandler template attributes by using the values passed in and the default values from the specified callhandler template (optional). Note that a call handler template is optional to create a call handler template.</p> <p>In addition to creating a new handler and callhandler object, this stored procedure also creates the sub collections of call action, greeting, transferoption and menuentry objects associated with this callhandler template. If a VoiceName is passed in, a new voice name for the call handler template is created (executes csp_StreamFileModify) by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.</p> <p>To change the attributes for a call handler template, see csp_CallhandlerTemplateModify.</p>
csp_MediaPortGroup_SuggestDisplay Name	Stored Procedure	Autogenerates the default display name for a MediaPortGroup.
csp_MediaSwitch_SuggestDisplay Name	Stored Procedure	Autogenerates the default display name for a MediaSwitch.
csp_MediaSwitchCreate	Stored Procedure	Creates a new MediaSwitch object by inserting a new row into tbl_MediaSwitch.
csp_MediaSwitchDelete	Stored Procedure	Deletes a MediaSwitch object from tbl_MediaSwitch as specified by the @ObjectId parameter.
csp_MediaSwitchModify	Stored Procedure	Updates the attributes of a MediaSwitch object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitch object that is updated.
tr_MediaSwitch_Update	Trigger	Following the update of a MediaSwitch, this trigger performs data validation.

Table Triggers

Name	Event To Fire On	Description	Notes
tr_MediaSwitch_Update	On Update	Following the update of a MediaSwitch, this trigger performs data validation.	

Column Properties

CallLoopDTMF

Property Name	Value
Description:	The name of the 4th Column DTMF tone used for Reject Forward Notification and Supervised Call Loop Detection.
Notes:	Values: A: DTMF 'A' 4th column. (1633Hz/697Hz tone) B: DTMF 'B' 4th column. (1633Hz/770Hz tone) C: DTMF 'C' 4th column. (1633Hz/852Hz tone) D: DTMF 'D' 4th column. (1633Hz/941Hz tone)
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	False
Default Value:	A
Custom Type:	DtmfColumn
SQL Data Type/Length:	nvarchar (16 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallLoopForwardNotificationDetect

Property Name	Value
Description:	A flag indicating whether Reject Forwarded Notification is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallLoopGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) i.e. "guard time" used for Rejecting Forwarded Notifications and Supervised Transfer Call Loop Detection.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	False
Default Value:	2500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

CallLoopSupervisedTransferDetect

Property Name	Value
Description:	A flag indicating whether Supervised Transfer Call Loop Detection is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmAXLPassword

Property Name	Value
Description:	The password (encrypted) for the CcmAXLUser used to connect to a AXL Web service on a Cisco Call Manager cluster.
Notes:	In the Call Manager database, this is the ApplicationUser.Password attribute.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmAXLUser

Property Name	Value
Description:	The user name used to connect to AXL Web service on a Cisco Call Manager cluster.
Notes:	In the Call Manager database, this is the ApplicationUser.Name attribute.
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmCtiPassword

Property Name	Value
Description:	The password (encrypted) for the CcmCtiUser.
Notes:	In the Call Manager database, this is the EndUser.Password attribute.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmCtiUser

Property Name	Value
Description:	The user name for a Call Manager user that is assigned CTI access to one or more CCM devices.
Notes:	In the Call Manager database, this is the EndUser.UserId attribute.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmVersion

Property Name	Value
Description:	The product version of the Cisco Unified Communications Manager switch.
Notes:	This information is used to create individual Cisco Unity Connection voice mailboxes from the CCMAAdmin User and Directory Number (DN) pages. (AKA "Concerto")
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (16 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultTRaPSwitch

Property Name	Value
Description:	Use this as default TRaP switch for administrators?
Notes:	Administrators that are not subscribers do not have a switch association so this specifies the switch to use for TRaP (telephone record and playback).
Business Rules:	Only one switch may have this value set to 1 (true).
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch , vw_chk_MediaSwitch_DupCCMAXLServers , vw_chk_MediaSwitch_MediaPortExtensionDuplicated , vw_chk_MediaSwitch_MediaPortHuntOrderDuplicated , vw_chk_MediaSwitch_NoMWI , vw_chk_MediaSwitch_NoPortsAnswer , vw_chk_MediaSwitch_NoPortsNotification , vw_chk_MediaSwitch_NoPortsTRaP , vw_chk_MediaSwitch_DupPIMG , vw_chk_MediaSwitch_PortGroupsMismatchedMwiReqPortSpecific , vw_MediaSwitchTrunk , vw_NotificationDevice , vw_Subscriber_MediaSwitchAssocCounts , vw_Subscriber_MediaSwitchAssocCounts_NonEmpty , vw_MediaSwitchTrunk
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EnablePhoneApplications

Property Name	Value
Description:	A flag indicating whether IP phone applications are enabled for this switch (e.g., integration).
Notes:	Phone applications present and gather information via the display on IP phones. The Visual Message Locator feature is one example of a phone application.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchModelObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchModel object for this telephone switch/network.
Notes:	Foreign key to tbl_MediaSwitchModel.
Business Rules:	

Property Name	Value
Developer Notes:	Information in this column is mainly for troubleshooting. It should be filled in when the row is inserted with the MediaPortGroupTemplate.MediaSwitchModelObjectId of the template from which the row was created. Conceptually, this is a FK to MediaSwitchModel.ObjectId. But to allow for deletion of models over time, the relationship is not enforced. If in future releases of Cisco Unity Connection the model with this moniker doesn't exist, it's no big deal.
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiAlwaysUpdate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will always send a "set MWI" message to the switch whenever the mailbox contents change, even if the Cisco Unity Connection database record indicates the MWI is already in the correct state.
Notes:	Values: 0: Do not send a "set MWI" message to the switch based solely on mailbox content changing 1: Always send a "set MWI" message to the switch when mailbox contents change
Business Rules:	
Developer Notes:	In Cisco Unity Connection 4.x this was named "UpdateDisplay."
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiForceOff

Property Name	Value
Description:	A flag that indicates whether all User MWI devices falling on this phone system should be unconditionally off.
Notes:	<p>Values:</p> <p>0 (FALSE, default): The state of User MWI devices/lamps falling on this phone system should reflect the state of the corresponding mailbox:</p> <ul style="list-style-type: none"> - If there are unread messages in the mailbox, then the lamp should be on. - If there are no unread messages in the mailbox, the lamp should be off. <p>1 (TRUE): All MWI devices/lamps falling on this phone system should be off regardless of the state of corresponding mailbox.</p> <p>Changing this setting causes Cisco Unity Connection to switch MWI devices on or off to match the new setting.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiPortMemory

Property Name	Value
Description:	A flag indicating whether the switch requires that Cisco Unity Connection send MWI "off" requests to the same PBX port as the MWI "on" requests.

Property Name	Value
Notes:	Values: 0: Not required to send MWI "off" requests to the same PBX port as MWI "on" requests 1: Must send MWI "off" requests to the same PBX port as the MWI "on" requests
Business Rules:	Typically used only for PIMG integrations.
Developer Notes:	In Cisco Unity Connection 4.x this was named "PortMemory."
Occurrences In Views:	vw_MediaSwitch
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_Subscriber_MediaSwitchAssocCounts , vw_Subscriber_MediaSwitchAssocCounts_NonEmpty , vw_MediaSwitch , vw_chk_MediaSwitch_DupCCMAXLServers , vw_chk_MediaSwitch_MediaPortExtensionDuplicated , vw_chk_MediaSwitch_MediaPortHuntOrderDuplicated , vw_chk_MediaSwitch_NoMWI , vw_chk_MediaSwitch_NoPortsAnswer , vw_chk_MediaSwitch_NoPortsNotification , vw_chk_MediaSwitch_NoPortsTRaP , vw_chk_MediaSwitch_DupPIMG , vw_chk_MediaSwitch_PortGroupsMismatchedMwiReqPortSpecific
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.50. tbl_MediaSwitchManufacturer

A telephone switch manufacturer such as "Cisco Systems" or "Ericsson."

Additional Information

This table contains the static data for a switch manufacturer. In general, the contents of this table are defined by Cisco Systems matching the switch manufacturer/model combinations for the valid and qualified integrations. This data is inserted into the table during the Cisco Unity Connection setup process. This data should never be modified by the user. In some cases however, it may be necessary for a user or third-party to add a manufacturer to this table. This extensibility can be used, for instance, if someone is testing/qualifying a new PBX. See IsUserDefined column for more information.

Table Business Rules

- * Cisco Unity Connection setup is not permitted to modify or delete a switch manufacturer that is user-defined.
- * Cisco Unity Connection setup may modify or delete a switch manufacturer that is not user-defined.
- * A user may not modify or delete a switch manufacturer that is not user-defined.

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.	ObjectID
	DisplayName	nvarchar (64 characters)	False	The preferred text name of the switch manufacturer to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName

Table Keys

PK_tbl_MediaSwitchManufacturer

Property Name	Value
Description:	Uniquely identifies a switch manufacturer in this table and exclusively represents this switch manufacturer throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate phone system manufacturer. A phone system manufacturer with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaSwitchManufacturer.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MediaSwitchManufacturer.

Table Relationships (Foreign Keys)

tbl_MediaSwitchManufacturer has no relationships specified with other tables.

Additional relationships with tbl_MediaSwitchManufacturer are defined in the following tables:

[tbl_MediaSwitchModel](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MediaSwitchManufacturer:

Name	Object Type	Description
vw_MediaSwitchManufacturer	View	A simple view for tbl_MediaSwitchManufacturer.
csp_MediaSwitchManufacturerCreate	Stored Procedure	Creates a new MediaSwitchManufacturer object by inserting a new row into tbl_MediaSwitchManufacturer.
csp_MediaSwitchManufacturerDelete	Stored Procedure	Deletes a MediaSwitchManufacturer object from tbl_MediaSwitchManufacturer as specified by the @ObjectId parameter.
csp_MediaSwitchManufacturerModify	Stored Procedure	Updates the attributes of a MediaSwitchManufacturer object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitchManufacturer object that is updated.
csp_MediaSwitchManufacturerSet	Stored Procedure	Creates a new MediaSwitchManufacturer object or updates the attributes of an existing MediaSwitchManufacturer object in tbl_MediaSwitchManufacturer.

Table Triggers

No triggers are specified for tbl_MediaSwitchManufacturer.

Column Properties

DisplayName

Property Name	Value
Description:	The preferred text name of the switch manufacturer to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitchManufacturer
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.
Notes:	Cisco Unity Connection must be able to locate a specific manufacturer in this table on any installation of Cisco Unity Connection, so a system-generated uniqueidentifier (GUID) will not work for this table. Therefore, this column is not automatically generated. Rather it is explicitly assigned by the author.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitchManufacturer
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.51. tbl_MediaSwitchModel

A telephone switch model.

Additional Information

This table contains the static data for each telephone switch model. In general, the contents of this table are defined by Cisco Systems matching the switch manufacturer/model combinations for the valid and qualified integrations. This data is inserted into the table during the Cisco Unity Connection setup process. This data should never be modified by the user. In some cases however, it may be necessary for a user or third-party to add a switch model to this table. This extensibility can be used, for instance, if someone is testing/qualifying a new PBX. See IsUserDefined column for more information.

Table Business Rules

- * Cisco Unity Connection setup is not permitted to modify or delete a switch model that is user-defined.
- * Cisco Unity Connection setup may modify or delete a switch model that is not user-defined.
- * A user may not modify or delete a switch model that is not user-defined.

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.	ObjectID
	DefaultMediaSwitch-DisplayName	nvarchar (40 characters)	False	The default value for the display name of a media switch (tbl_MediaSwitch.DisplayName) when a MediaSwitch object of this model is created.	
	DisplayName	nvarchar (64 characters)	False	The text name of the switch model to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. Examples: "Unified Communications Manager," " MD110."	DisplayName
FK	MediaSwitchManufacturerObjectId	char (36 characters)	True	The unique identifier of the MediaSwitchManufacturer who manufactures this switch model.	ObjectID

Table Keys

PK_tbl_MediaSwitchModel

Property Name	Value
Description:	Uniquely identifies a switch model in this table and exclusively represents this switch model throughout the database.
Type:	Primary
Column(s):	ObjectId

Property Name	Value
Clustered?	True
Constraint Error String:	Duplicate phone system model. A phone system model with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaSwitchModel.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MediaSwitchModel.

Table Relationships (Foreign Keys)

tbl_MediaSwitchModel has the following relationships with other tables:

tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId (0..*) ----- (0..1) tbl_MediaSwitchManufacturer.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaSwitchModel_MediaSwitchManufacturerObjectId_tbl_MediaSwitchManufacturer_ObjectId
Description:	Each media switch model may be manufactured by one media switch manufacturer. Each media switch manufacturer may produce one or more media switch models.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaSwitchModel and tbl_MediaSwitchManufacturer linked by the foreign key MediaSwitchManufacturerObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the media switch manufacturer is deleted, the FK Cascade Delete constraint will ensure that the corresponding media switch model is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this phone system model to a nonexistent phone system manufacturer.

Additional relationships with tbl_MediaSwitchModel are defined in the following tables:

[tbl_MediaSwitch](#)

[tbl_MediaPortGroupTemplate](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MediaSwitchModel:

Name	Object Type	Description
vw_MediaSwitchModel	View	A simple view for tbl_MediaSwitchModel.
csp_MediaSwitch_SuggestDisplay Name	Stored Procedure	Autogenerates the default display name for a MediaSwitch.
csp_MediaSwitchModelCreate	Stored Procedure	Creates a new MediaSwitchModel object by inserting a new row into tbl_MediaSwitchModel.
csp_MediaSwitchModelDelete	Stored Procedure	Deletes a MediaSwitchModel object from tbl_MediaSwitchModel as specified by the @ObjectId parameter.
csp_MediaSwitchModelModify	Stored Procedure	Updates the attributes of a MediaSwitchModel object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitchModel object that is updated.
csp_MediaSwitchModelSet	Stored Procedure	Creates a new MediaSwitchModel object or updates the attributes of an existing MediaSwitchModel object in tbl_MediaSwitchModel.

Table Triggers

No triggers are specified for tbl_MediaSwitchModel.

Column Properties

DefaultMediaSwitchDisplayName

Property Name	Value
Description:	The default value for the display name of a media switch (tbl_MediaSwitch.DisplayName) when a MediaSwitch object of this model is created.
Notes:	<p>When the a user creates a new switch via the administrative console, the administrative interface will populate the DisplayName column of the new MediaSwitch object with this value.</p> <p>Example: Say the user wants to create a new "Phone System" (MediaSwitch). The administrative interface asks the user to select from a list of mfg/models. The user picks the entry that corresponds to this row in MediaSwitchModel:</p> <ul style="list-style-type: none"> * Moniker = "CCM" * MediaSwitchManufacturerMoniker="CISCO" * DisplayName = "Unified Communications Manager" * DefaultMediaSwitchDisplayName="Cisco Unified Communications Manager" <p>Administrative interface then creates a new "Phone System" object (MediaSwitch) with these attributes:</p> <ul style="list-style-type: none"> * DisplayName = "Cisco Unified Communications Manager" * MediaSwitchModelMoniker = "CCM"
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitchModel

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the switch model to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. Examples: "Unified Communications Manager," " MD110."
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitchModel
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchManufacturerObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchManufacturer who manufactures this switch model.

Property Name	Value
Notes:	Foreign key to tbl_MediaSwitchManufacturer. This column may contain NULL. If NULL, this model applies to any switch manufacturer. NULL is used for generic integration methods like Centrex. If NULL, the administrative console makes this model available for all manufacturers.
Business Rules:	If NULL, this model applies to any switch manufacturer.
Developer Notes:	
Occurrences In Views:	vw_MediaSwitchModel
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectID

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.
Notes:	Cisco Unity Connection must be able to locate a specific model in this table on any installation of Cisco Unity Connection, so a system-generated uniqueidentifier (GUID) will not work for this table. Therefore, this column is not automatically generated. Rather it is explicitly assigned by the author.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitchModel
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

3.52. tbl_MediaSwitchTrunk

A representation of a communication line (i.e., trunk) between two switching systems.

Additional Information

This table includes the trunk access codes that Cisco Unity Connection uses to transfer a call from one phone system to another. Each row in the table represents dialing in one direction between two MediaSwitch (i.e. phone switch/network) objects. For a bidirectional trunk, two rows must be created, one for each direction.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a MediaTrunk object.	ObjectID
FK	FromMediaSwitchObjectId	char (36 characters)	False	The unique identifier of the MediaSwitch object on which the call originates.	ObjectID
FK	ToMediaSwitchObjectId	char (36 characters)	False	The unique identifier of the MediaSwitch object to which the call is directed.	ObjectID
	TrunkAccessCode	nvarchar (10 characters)	True	The DTMF digit sequence Cisco Unity Connection uses to transfer a call from one switching system to another (FromMediaSwitchObjectId to ToMediaSwitchObjectId).	

Table Keys

CK_tbl_MediaSwitchTrunk_FromMediaSwitchObjectId_ToMediaSwitchObjectId

Property Name	Value
Description:	Only one trunk access code may be configured in a given direction between two MediaSwitch objects.
Type:	Candidate
Column(s):	FromMediaSwitchObjectId , ToMediaSwitchObjectId
Clustered?	False
Constraint Error String:	Invalid phone system trunk access code. Only one trunk access code may be configured in a given direction between two phone systems.

PK_tbl_MediaSwitchTrunk

Property Name	Value
Description:	Uniquely identifies a media switch trunk in this table and exclusively represents this media switch trunk throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate phone system trunk. A phone system trunk with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MediaSwitchTrunk.

Table Ad-Hoc Constraints

FromMediaSwitchObjectId_ToMediaSwitchObjectId_Equal

Property Name	Value
Description:	Enforces data integrity by limiting the values that can be placed in the FromMediaSwitchObjectId and ToMediaSwitchObjectId columns.
Notes:	
Developer Notes:	
Business Rules:	FromMediaSwitchObjectId cannot equal ToMediaSwitchObjectId.
Constraint Error String:	Invalid phone system trunk configuration. The From and To phone systems must be different.

Table Relationships (Foreign Keys)

tbl_MediaSwitchTrunk has the following relationships with other tables:

tbl_MediaSwitchTrunk.FromMediaSwitchObjectId _(0..*) -----^(1..1) tbl_MediaSwitch.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaSwitchTrunk_FromMediaSwitchObjectId_tbl_MediaSwitch_ObjectId
Description:	Each media switch trunk must be connected from one media switch. Each media switch may have one or more media switch trunks connecting to it.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaSwitchTrunk and tbl_MediaSwitch linked by the foreign key FromMediaSwitchObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the media switch is deleted, the FK Cascade Delete constraint will ensure that the corresponding media switch trunk is also deleted.

Property Name	Value
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this phone system trunk to a nonexistent phone system.

tbl_MediaSwitchTrunk.ToMediaSwitchObjectId (0..*)-----^(1..1)tbl_MediaSwitch.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MediaSwitchTrunk_ToMediaSwitchObjectId_tbl_MediaSwitch_ObjectId
Description:	Each media switch trunk must be connected to one media switch. Each media switch may have one or more media switch trunks connecting to it.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MediaSwitchTrunk and tbl_MediaSwitch linked by the foreign key ToMediaSwitchObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	Cascade delete here would cause cycle or multiple paths, so it will need to be cleaned up in proc or trigger.
Constraint Error String:	An attempt was made to either delete the phone system to which this phone system trunk belongs or to assign this phone system trunk to a nonexistent phone system.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MediaSwitchTrunk:

Name	Object Type	Description
vw_MediaSwitchTrunk	View	A simple view for tbl_MediaSwitchTrunk.
csp_MediaSwitchTrunkCreate	Stored Procedure	Creates a new MediaSwitchTrunk object by inserting a new row into tbl_MediaSwitchTrunk.
csp_MediaSwitchTrunkDelete	Stored Procedure	Deletes a MediaSwitchTrunk object from tbl_MediaSwitchTrunk as specified by the @ObjectId parameter.
csp_MediaSwitchTrunkModify	Stored Procedure	Updates the Trunk Access Code attribute of a MediaSwitchTrunk object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitch object that is updated.
tr_MediaSwitchTrunk_Update	Trigger	Following the update of a MediaSwitchTrunk, this trigger performs data validation.

Table Triggers

Name	Event To Fire On	Description	Notes
tr_MediaSwitchTrunk_Update	On Update	Following the update of a MediaSwitchTrunk, this trigger performs data validation.	

Column Properties

FromMediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object on which the call originates.
Notes:	FK to MediaSwitch.ObjectId
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitchTrunk
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaTrunk object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_MediaSwitchTrunk
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ToMediaSwitchObjectld

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to which the call is directed.
Notes:	FK to MediaSwitch.ObjectId
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MediaSwitchTrunk
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TrunkAccessCode

Property Name	Value
Description:	The DTMF digit sequence Cisco Unity Connection uses to transfer a call from one switching system to another (FromMediaSwitchObjectId to ToMediaSwitchObjectId).

Property Name	Value
Notes:	The MIU prepends this digit sequence to the dial string when routing a call to this switching system.
Business Rules:	A value of NULL indicates transparent dialing.
Developer Notes:	
Occurrences In Views:	vw_MediaSwitchTrunk
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (10 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits only
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	10 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.53. tbl_MenuEntry

A mapping of a key on a telephone touch-tone key pad to an action taken by a call handler when the key is pressed during the call handler greeting.

Additional Information

This table contains all the user input key mappings for each call handler in the system. This includes primary call handlers associated with subscribers. There are 12 key mappings per call handler corresponding to the 12 keys (0-9, "*", "#") on the touch-tone key pad of a telephone.

The same set of menu entries are active for any greeting for the call handler -- there are not separate sets of menu entries for each greeting.

[JK] Now that we have the CallAction table ... wouldn't it be simpler to just have 10 CallAction IDs in the CallHandler?

[MP] Real PK is CallHandlerObjectId, Alias probably

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	CallHandlerObjectId	char (36 characters)	False	The unique identifier of the CallHandler object to which this menu entry belongs.	ObjectID
PK	TouchtoneKey	nvarchar (32 characters)	False	The character on the touch-tone keypad that this menu entry corresponds to (*, #, 0,1...9).	
FK	CallActionObjectId	char (36 characters)	False	The unique identifier of the CallAction object that determines the action Cisco Unity Connection will take when the touch-tone key is pressed.	ObjectID
	Locked	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection ignores additional input after callers press this key. Values: 0: Additional input accepted 1: Additional input ignored; Cisco Unity Connection performs the action assigned to the key.	Bool

Table Keys

PK_tbl_MenuEntry

Property Name	Value
Description:	Uniquely identifies a menu entry in this table and exclusively represents this menu entry throughout the database.
Type:	Primary
Column(s):	CallHandlerObjectId , TouchtoneKey
Clustered?	True
Constraint Error String:	Duplicate menu entry. A menu entry with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MenuEntry.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MenuEntry.

Table Relationships (Foreign Keys)

tbl_MenuEntry has the following relationships with other tables:

tbl_MenuEntry.CallActionObjectId (1..1) ----- (1..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MenuEntry_CallActionObjectId_tbl_CallAction_ObjectId
Description:	Each menu entry must be assigned a call action. Each call action must apply to one menu entry.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MenuEntry and tbl_CallAction linked by the foreign key CallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call action to which this menu entry is assigned or to assign this menu entry to a nonexistent call action.

tbl_MenuEntry.CallHandlerObjectId (12..12) ----- (1..1) tbl_CallHandler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MenuEntry_CallHandlerObjectId_tbl_CallHandler_ObjectId
Description:	Each menu entry must be assigned to one call handler. Each call handler must be assigned twelve menu entries.
Foreign Key:	True

Property Name	Value
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MenuEntry and tbl_CallHandler linked by the foreign key CallHandlerObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the call handler is deleted, the FK Cascade Delete constraint will ensure that the corresponding menu entries are also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent call handler as the owner of this menu entry.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MenuEntry:

Name	Object Type	Description
vw_MenuEntry	View	A simple view for tbl_MenuEntry.
csp_MenuEntryCreate	Stored Procedure	Creates a new user input key mappings by inserting a new row into tbl_MenuEntry.
csp_MenuEntryModify	Stored Procedure	Updates the attributes of a MenuEntry object based on the values passed in via the parameters. Essentially, only the Locked attribute is updated. If @TargetConversation is specified, the associated CallAction object is updated. If @TargetHandlerObjectId is specified, the associated CallAction object is updated. If @Action is not NULL, the associated CallAction object is updated. The combination of the @CallHandlerObjectId and @TouchtoneKey parameters identifies the MenuEntry object that is updated.

Table Triggers

No triggers are specified for tbl_MenuEntry.

Column Properties

CallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that determines the action Cisco Unity Connection will take when the touch-tone key is pressed.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHandlerObjectID

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this menu entry belongs.
Notes:	Menu entries can only belong to call handlers. No other object can own a menu entry.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MenuEntry
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Locked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection ignores additional input after callers press this key. Values: 0: Additional input accepted 1: Additional input ignored; Cisco Unity Connection performs the action assigned to the key.
Notes:	A locked menu entry does not allow additional dialing after this choice is entered, but Cisco Unity Connection will immediately take the associated action. If the action is set to "Ignore" (0), the key is thrown out and the greeting continues playing as normal. Any other action is taken immediately without waiting to determine if the caller is going to dial an extension. If tbl_Greeting.IgnoreDigits = 1, it overrides this setting and has the effect of automatically locking all keys for that call handler. (In Unity 4.x SA, this is the "Allow Caller Input" check-box on the call handler or subscriber "Greetings" page.) Values: 0: Unlocked - Additional dialing after this choice is entered is allowed 1: Locked - Additional dialing is ignored
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MenuEntry
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TouchtoneKey

Property Name	Value
Description:	The character on the touch-tone keypad that this menu entry corresponds to (*, #, 0,1...9).
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MenuEntry
Primary Key:	True
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[0-9*#]*\$
Validation - Description:	ASCII only characters 0-9, "*", " " "#"
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.54. tbl_MessageAgingPolicy

A policy for all associated mailboxes which allows messages to be automatically removed from a user's mailbox after a specified period.

Additional Information

A policy is composed of 0-n AgingRule objects. The details of how the messages are aged is contained in the MessageAgingRules.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingPolicy object.	ObjectID
	DisplayName	nvarchar (64 characters)	False	The text name of this MessageAgingPolicy. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	
	Enabled	smallint (2 bytes)	False	A flag indicating whether the policy is enabled.	Bool
	IsSystem	smallint (2 bytes)	False	A flag indicating whether this policy was created during default system configuration.	Bool

Table Keys

PK_tbl_MessageAgingPolicy

Property Name	Value
Description:	Uniquely identifies a message aging policy in this table and exclusively represents this message aging policy throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate message aging policy. A message aging policy with that unique identifier already exists.

Table Indexes

Name	Description	Unique	Clustered	Sort Direction	Columns
IX_tbl_MessageAgingPolicy_Enabled	Message aging policy objects ordered by the Enabled and ObjectId attributes.	False	False	Ascending	Enabled , ObjectId

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MessageAgingPolicy.

Table Relationships (Foreign Keys)

tbl_MessageAgingPolicy has no relationships specified with other tables.

Additional relationships with tbl_MessageAgingPolicy are defined in the following tables:

[tbl_UserTemplate](#)

[tbl_MessageAgingRule](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MessageAgingPolicy:

Name	Object Type	Description
vw_MessageAgingPolicy	View	Simple view for tbl_AgingPolicy
csp_MessageAgingPolicyCreate	Stored Procedure	Creates a new message aging policy by inserting a new row into tbl_MessageAgingPolicy.
csp_MessageAgingPolicyDelete	Stored Procedure	Deletes a MessageAgingPolicy object from tbl_MessageAgingPolicy as specified by the @ObjectId parameter.
csp_MessageAgingPolicyModify	Stored Procedure	Updates the attributes of a MessageAgingPolicy object based on the values passed in via the parameters. The @ObjectId parameter identifies the MessageAgingPolicy object that is updated.

Table Triggers

No triggers are specified for tbl_MessageAgingPolicy.

Column Properties

DisplayName

Property Name	Value
Description:	The text name of this MessageAgingPolicy. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingPolicy
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Enabled

Property Name	Value
Description:	A flag indicating whether the policy is enabled.
Notes:	Values: 0: Message aging policy is not enabled 1: Message aging policy is enabled.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingPolicy
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsSystem

Property Name	Value
Description:	A flag indicating whether this policy was created during default system configuration.
Notes:	Values: 0: Message aging policy not default system policy. 1: Message aging policy is default system policy.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingPolicy
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingPolicy object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingPolicy
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

3.55. tbl_MessageAgingRule

A collection of attributes that indicate how to age a group of messages.

Additional Information

Examples:

A rule where Days=7, Deleted=0, Seen=1 and Action=SoftDelete will delete all message which are not deleted, but have been read after 7 days from the last modification to the message. The action indicates that these messages will be marked as deleted, rather than removing the messages from the system.

A rule where Days=15, Deleted=1, Seen=NULL and Action=HardDelete will delete all message new and read messages which are in the deleted state after 15 days from the last modification to the message. The action indicates that these messages will be permanently removed from system.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingRule object.	ObjectId
	Action	int (4 bytes)	False	Describes the action to take when the rule is applied.	AgingRule-Action
	AgingTimeType	int (4 bytes)	False	This defines what column to use (modificationtime or arrivaltime) when calculating messages to age.	AgingTime-Type
	Days	int (4 bytes)	False	Age message older than this number of days.	
	Deleted	smallint (2 bytes)	True	Apply this rule to messages where UnityMbxDb.tbl_FolderItem.Deleted is equal to this value.	Bool
	Enabled	smallint (2 bytes)	False	If not true, then don't apply this rule as part of the message aging policy	Bool
FK	MessageAgingPolicy-ObjectId	char (36 characters)	False	The objectid of the MessageAgingPolicy to which this rule belongs.	ObjectId
	Recent	smallint (2 bytes)	True	Apply this rule to messages where tbl_FolderItem.Recent is equal to this value.	Bool
	Secure	smallint (2 bytes)	True	Apply this rule to messages where tbl_Message.Secure is equal to this value.	Bool
	Seen	smallint (2 bytes)	True	Apply this rule to messages where tbl_FolderItem.Seen is equal to this value.	Bool

Table Keys

PK_tbl_MessageAgingRule

Property Name	Value
Description:	Uniquely identifies a message aging rule in this table and exclusively represents this message aging rule throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate message aging rule. A message aging rule with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_MessageAgingRule.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_MessageAgingRule.

Table Relationships (Foreign Keys)

tbl_MessageAgingRule has the following relationships with other tables:

tbl_MessageAgingRule.MessageAgingPolicyObjectId (0..*) ----- (1..1) tbl_MessageAgingPolicy.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_MessageAgingRule_MessageAgingPolicyObjectId_tbl_MessageAgingPolicy_ObjectId
Description:	Each message aging rule must belong to one message aging policy. Each message aging policy may have more than one message aging rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_MessageAgingRule and tbl_MessageAgingPolicy linked by the foreign key MessageAgingPolicyObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the message aging policy is deleted, the FK Cascade Delete constraint will ensure that the corresponding message aging rule entries are also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent message aging policy as the owner of this message aging rule.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_MessageAgingRule:

Name	Object Type	Description
vw_MessageAgingRule	View	Simple view for tbl_AgingRule
csp_MessageAgingRuleApply	Stored Procedure	Ages messages in all the UnityMbxDbN databases, where the mailbox is subscribed to the associated policy and the messages meets the rule criteria for aging.
csp_MessageAgingRuleCreate	Stored Procedure	Creates a new message aging rule by inserting a new row into tbl_MessageAgingRule.
csp_MessageAgingRuleDelete	Stored Procedure	Deletes a MessageAgingRule object from tbl_MessageAgingRule as specified by the @ObjectId parameter.
csp_MessageAgingRuleModify	Stored Procedure	Updates the attributes of a MessageAgingRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the MessageAgingRule object that is updated.

Table Triggers

No triggers are specified for tbl_MessageAgingRule.

Column Properties

Action

Property Name	Value
Description:	Describes the action to take when the rule is applied.
Notes:	Values: 0: 1:
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	AgingRuleAction
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AgingTimeType

Property Name	Value
Description:	This defines what column to use (modificationtime or arrivaltime) when calculating messages to age.
Notes:	Values: 0: 1:
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	AgingTimeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Days

Property Name	Value
Description:	Age message older than this number of days.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingRule
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1

Property Name	Value
Validation - Maximum Value:	365

Deleted

Property Name	Value
Description:	Apply this rule to messages where UnityMbxDb.tbl_FolderItem.Deleted is equal to this value.
Notes:	If NULL, then apply to messages regardless of the value of UnityMbxDb.tbl_FolderItem.Deleted.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Enabled

Property Name	Value
Description:	If not true, then don't apply this rule as part of the message aging policy
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingRule
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MessageAgingPolicyObjectId

Property Name	Value
Description:	The objectid of the MessageAgingPolicy to which this rule belongs.
Notes:	FK to the Aging Policy table.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingRule
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingRule object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingRule
Primary Key:	True
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recent

Property Name	Value
Description:	Apply this rule to messages where tbl_FolderItem.Recent is equal to this value.
Notes:	If NULL, then apply to messages regardless of the value.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Secure

Property Name	Value
Description:	Apply this rule to messages where tbl_Message.Secure is equal to this value.
Notes:	If NULL, then apply to messages regardless of the value.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingRule

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Seen

Property Name	Value
Description:	Apply this rule to messages where tbl_FolderItem.Seen is equal to this value.
Notes:	If NULL, then apply to messages regardless of the value.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_MessageAgingRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.56. tbl_Nickname

A familiar or shortened form of a user or contact's proper name, which is used by the VUI for name recognition. This is a global table for the VMS.

Additional Information

Example: For the proper name of Edward, there are nicknames such as Ed, Eddie, and Eddy. Each of which would be a nickname in this table associated with the CanonicalName of Edward.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a Nickname object.	ObjectID
	CanonicalName	nvarchar (64 characters)	False	The proper name for a contact or user for which a Nickname is associated.	DisplayName
	Nickname	nvarchar (64 characters)	False	A nick name associated with the name.	DisplayName

Table Keys

CK_tbl_Nickname_CanonicalName_Nickname

Property Name	Value
Description:	The combination of the CanonicalName and Nickname must be unique.
Type:	Candidate
Column(s):	CanonicalName , Nickname
Clustered?	False
Constraint Error String:	Duplicate proper name for this user's or personal contact's nickname.

PK_tbl_Nickname

Property Name	Value
Description:	Uniquely identifies a nickname in this table and exclusively represents this nickname throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True

Property Name	Value
Constraint Error String:	Duplicate nickname. A nickname with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Nickname.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Nickname.

Table Relationships (Foreign Keys)

tbl_Nickname has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Nickname:

Name	Object Type	Description
vw_Nickname	View	A simple view for tbl_Nickname.
csp_NicknameCreate	Stored Procedure	Creates a new Nickname object by inserting a new row into tbl_Nickname.
csp_NicknameDelete	Stored Procedure	Deletes a Nickname object from tbl_Nickname as specified by the @ObjectId parameter.
csp_NicknameModify	Stored Procedure	Updates the attributes of a Nickname object based on the values passed in via the parameters. The @ObjectId parameter identifies the Nickname object that is updated.

Table Triggers

No triggers are specified for tbl_Nickname.

Column Properties

CanonicalName

Property Name	Value
Description:	The proper name for a contact or user for which a Nickname is associated.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_Nickname
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Nickname

Property Name	Value
Description:	A nick name associated with the name.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Nickname
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Nickname object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Nickname
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.57. tbl_NotificationDevice

A device such as a phone or pager, which can be called by Cisco Unity Connection notifying a subscriber of new messages. A notification device may also be an e-mail address. Additionally, Cisco Unity Connection can send message notification in the form of a text message to text pagers, text-compatible cell phones, and e-mail addresses.

Additional Information

This table contains the set of attributes common to all types of notification devices. It is the base table for all the notification devices for all subscribers on the local VMS.

Refer to the tbl_NotificationDevice* tables for information specific to that type of notification device.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.	ObjectID
	Active	smallint (2 bytes)	False	A flag indicating whether the device is active or inactive (enabled/disabled).	Bool
	DeviceName	nvarchar (12 characters)	False	The "DeviceName" of the notification device.	NotificationDevice-Name
	DisplayName	nvarchar (64 characters)	False	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone, " etc.	DisplayName
	MaxBody	int (4 bytes)	False	The maximum number of characters allowed in the 'body' of a notification message.	
	MaxSubject	int (4 bytes)	False	The maximum number of characters allowed in the 'subject' of a notification message.	
FK	SubscriberObjectId	char (36 characters)	False	The unique identifier of the Subscriber object to which this notification device belongs.	ObjectID
	Type	int (4 bytes)	False	The device type (Dial, Numeric Pager, SMTP, Fax).	Delivery-DeviceType

Table Keys

CK_tbl_NotificationDevice_DisplayName_SubscriberObjectId

Property Name	Value
Description:	Uniquely identifies the name of a notification device per subscriber in tbl_NotificationDevice.
Type:	Candidate
Column(s):	DisplayName , SubscriberObjectId
Clustered?	False
Constraint Error String:	Duplicate notification device name for this user.

PK_tbl_NotificationDevice

Property Name	Value
Description:	Uniquely identifies a notification device in this table and exclusively represents this notification device throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate notification device. A notification device with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_NotificationDevice.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_NotificationDevice.

Table Relationships (Foreign Keys)

tbl_NotificationDevice has the following relationships with other tables:

tbl_NotificationDevice.SubscriberObjectId (0..*) ----- (1..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationDevice_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each notification device must be assigned to one subscriber. Each subscriber may be assigned one or more notification devices.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationDevice and tbl_UserSubscriber linked by the foreign key SubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the subscriber is deleted, the FK Cascade Delete constraint will ensure that the corresponding notification device is also deleted.
Business Rules:	

Property Name	Value
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent user as the owner of this notification device.

Additional relationships with tbl_NotificationDevice are defined in the following tables:

[tbl_NotificationDeviceConversation](#)

[tbl_NotificationDevicePager](#)

[tbl_NotificationDeviceSMTP](#)

[tbl_NotificationDeviceSMS](#)

[tbl_NotificationRule](#)

[tbl_PersonalDestinationGroupItem](#)

[tbl_PersonalRule](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_NotificationDevice:

Name	Object Type	Description
vw_NotificationAllActiveDevices	View	This view shows all active devices for users on the system. If a user does not have a single active device then a row will be present for this user with deviceobjectid and mwioobjectid both set to null.
vw_NotificationDevice	View	A simple view for tbl_NotificationDevice.
vw_NotificationDeviceConversation	View	A view of tbl_NotificationDeviceConversation along with the properties from the base object tbl_NotificationDevice.
vw_NotificationDevicePager	View	A view of tbl_NotificationDevicePager along with the properties from the base object tbl_NotificationDevice.
vw_NotificationDeviceSMS	View	A view of tbl_NotificationDeviceSMS along with the properties from the base object tbl_NotificationDevice.
vw_NotificationDeviceSMTP	View	A view of tbl_NotificationDeviceSMTP along with the properties from the base object tbl_NotificationDevice.
csp_NotificationDeviceConversationCreate	Stored Procedure	Creates a new NotificationDeviceConversation object by inserting a new row into tbl_NotificationDeviceConversation. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition it also creates a new NotificationDevice object (base object for a NotificationDeviceConversation object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceConversation object contains the parameters and settings (phonenummer, ringstowait, etc.) for a dialable phone notification device.

Name	Object Type	Description
csp_NotificationDeviceConversationDelete	Stored Procedure	Deletes a NotificationDeviceConversation object from tbl_NotificationDeviceConversation and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDeviceConversationModify	Stored Procedure	Updates the attributes of a NotificationDeviceConversation object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceConversation and NotificationDevice objects that are updated.
csp_NotificationDevicePagerCreate	Stored Procedure	Creates a new NotificationDevicePager object by inserting a new row into tbl_NotificationDevicePager. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDevicePager object) by inserting a new row in tbl_NotificationDevice. A NotificationDevicePager object contains the parameters and settings (sendcount, dialdelay, etc.) for a pager (via phone, not SMTP) notification device.
csp_NotificationDevicePagerDelete	Stored Procedure	Deletes a NotificationDevicePager object from tbl_NotificationDevicePager and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDevicePagerModify	Stored Procedure	Updates the attributes of a NotificationDevicePager object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDevicePager and NotificationDevice objects that are updated.
csp_NotificationDeviceSMSCreate	Stored Procedure	Creates a new NotificationDeviceSMS object by inserting a new row into tbl_NotificationDeviceSMS. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDeviceSMS object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceSMS object contains the parameters and settings (sendcount, SMPPProviderObjectid, etc.) for a SMS notification device.
csp_NotificationDeviceSMSDelete	Stored Procedure	Deletes a NotificationDeviceSMS object from tbl_NotificationDeviceSMS and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDeviceSMSModify	Stored Procedure	Updates the attributes of a NotificationDeviceSMS object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceSMS and NotificationDevice objects that are updated.

Name	Object Type	Description
csp_NotificationDeviceSMTPCreate	Stored Procedure	Creates a new NotificationDeviceSMTP object by inserting a new row into tbl_NotificationDeviceSMTP. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDeviceSMTP object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceSMTP object contains the parameters and settings (sendcount, smtpaddress, etc.) for a SMTP notification device.
csp_NotificationDeviceSMTPDelete	Stored Procedure	Deletes a NotificationDeviceSMTP object from tbl_NotificationDeviceSMTP and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDeviceSMTPModify	Stored Procedure	Updates the attributes of a NotificationDeviceSMTP object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceSMTP and NotificationDevice objects that are updated.

Table Triggers

No triggers are specified for tbl_NotificationDevice.

Column Properties

Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	Values: 0: Device is inactive (disabled) 1: Device is active (enabled)
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation , vw_NotificationDevicePager , vw_NotificationDeviceSMS , vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	<p>This is really more of a "tag" than a name - the sole purpose of this column is to "tag" a device so that it may be modified via a conversation. The DisplayName is the viewable/editable name of the device.</p> <p>Values:</p> <p>Home Phone: Home phone notification device.</p> <p>Mobile Phone: Mobile phone notification device.</p> <p>Other: None of the above. The conversation will ignore these.</p> <p>Pager: Numeric pager notification device.</p> <p>SMS: SMS notification device.</p> <p>SMTP: SMTP notification device.</p> <p>Spare Phone: *** obsolete. Temporary until removed from conversations</p> <p>Work Phone: Work phone notification device.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation , vw_NotificationDevicePager , vw_NotificationDeviceSMS , vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	False
Default Value:	Other
Custom Type:	NotificationDeviceName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone," etc.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationAllActiveDevices , vw_NotificationDevice , vw_NotificationDeviceConversation , vw_NotificationDevicePager , vw_NotificationDeviceSMS , vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Body. MaxBody seems to be overloaded to mean "urgent override" for AMIS.
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation , vw_NotificationDevicePager , vw_NotificationDeviceSMS , vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	False
Default Value:	512
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Subject. A maximum size of 4096 was set arbitrarily.
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation , vw_NotificationDevicePager , vw_NotificationDeviceSMS , vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	False
Default Value:	64
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	4096

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Notes:	
Business Rules:	
Developer Notes:	Surrogate key - for lookups mainly.
Occurrences In Views:	vw_NotificationAllActiveDevices , vw_NotificationDevice
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification device belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation , vw_NotificationDevicePager , vw_NotificationDeviceSMS , vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The device type (Dial, Numeric Pager, SMTP, Fax).

Property Name	Value
Notes:	Values: 1: Dialable phone device. 2: Numeric pager. 3: Fax (not used in Cisco Unity Connection). 4: SMTP address. 5: SMS device. 7: MP3 Device.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationAllActiveDevices , vw_NotificationDevice
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	DeliveryDeviceType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.58. tbl_NotificationDeviceConversation

A dialable phone device such as a home phone or cell phone, to which notifications of new messages for a subscriber can be sent.

Additional Information

This table contains the parameters and settings (phonenumbers, ringstowait, etc.) for each dialable phone notification device for all subscribers on the local VMS.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceConversation object.	ObjectID
	AfterDialDigits	nvarchar (32 characters)	True	The extra digits (if any) that Cisco Unity Connection will dial after the phone number.	NotificationDeviceAfterDialDigits
	BusyRetryInterval	int (4 bytes)	False	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.	
FK	Conversation	nvarchar (64 characters)	False	The name of the Conversation Cisco Unity Connection will use when calling the subscriber to notify of new messages. This maps to one of the conversations in tbl_Conversation.	ConversationName
	DetectTransferLoop	smallint (2 bytes)	False	A flag indicating whether Unity can do a loop detect transfer to this device.	Bool
	DialDelay	int (4 bytes)	False	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.	
FK	MediaSwitchObjectId	char (36 characters)	False	The unique identifier of the MediaSwitch object to use for notification.	ObjectID
	PhoneNumber	nvarchar (40 characters)	True	The phone number to dial, including the trunk access code (if any), of the device.	PhoneNumberE123
	PromptForId	smallint (2 bytes)	False	A flag indicating whether to prompt a subscriber for their Cisco Unity Connection ID, or just their password.	Bool
	RetriesOnBusy	int (4 bytes)	False	The number of times Cisco Unity Connection will retry the notification device if it is busy.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	RetriesOnRna	int (4 bytes)	False	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.	
	RingsToWait	int (4 bytes)	False	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.	
	RnaRetryInterval	int (4 bytes)	False	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.	
	TransmitForcedAuthorizationCode	smallint (2 bytes)	False	A flag indicating whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.	Bool
	WaitConnect	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.	Bool

Table Keys

PK_tbl_NotificationDeviceConversation

Property Name	Value
Description:	Uniquely identifies a notification device conversation in this table and exclusively represents this notification device throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate conversation notification device. A conversation notification device with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_NotificationDeviceConversation.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_NotificationDeviceConversation.

Table Relationships (Foreign Keys)

tbl_NotificationDeviceConversation has the following relationships with other tables:

tbl_NotificationDeviceConversation.ObjectId (0..1) ----- (1..1) tbl_NotificationDevice.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationDeviceConversation_ObjectId_tbl_NotificationDevice_ObjectId
Description:	Each notification device conversation is a notification device. Each notification device may be the base for one notification device conversation.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationDeviceConversation and tbl_NotificationDevice linked by the foreign key ObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the notification device is deleted, the FK Cascade Delete constraint will ensure that the corresponding notification device conversation is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign a this phone notification device to a nonexistent notification device.

tbl_NotificationDeviceConversation.Conversation (0..*)----- (1..1) tbl_Conversation.ConversationName

Property Name	Value
Relationship Name:	FK_tbl_NotificationDeviceConversation_Conversation_tbl_Conversation_ConversationName
Description:	Each notification device conversation applies to one conversation. Each conversation may apply to one or more notification device conversations.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationDeviceConversation and tbl_Conversation linked by the foreign key Conversation.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a conversation to which this phone notification device is assigned or to assign this notification device to a nonexistent conversation.

tbl_NotificationDeviceConversation.MediaSwitchObjectId (0..*)----- (1..1) tbl_MediaSwitch.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationDeviceConversation_MediaSwitchObjectId_tbl_MediaSwitch_ObjectId
Description:	Each notification device conversation must be assigned to one media switch. Each media switch may have one or more notification device conversations.
Foreign Key:	True

Property Name	Value
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationDeviceConversation and tbl_MediaSwitch linked by the foreign key MediaSwitchObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the phone system to which this phone notification device is assigned or to assign this phone notification device to a nonexistent phone system.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_NotificationDeviceConversation:

Name	Object Type	Description
vw_NotificationDevice	View	A simple view for tbl_NotificationDevice.
vw_NotificationDeviceConversation	View	A of tbl_NotificationDeviceConversation along with the properties from the base object tbl_NotificationDevice.
csp_NotificationDeviceConversationCreate	Stored Procedure	Creates a new NotificationDeviceConversation object by inserting a new row into tbl_NotificationDeviceConversation. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition it also creates a new NotificationDevice object (base object for a NotificationDeviceConversation object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceConversation object contains the parameters and settings (phonenumber, ringstowait, etc.) for a dialable phone notification device.
csp_NotificationDeviceConversationDelete	Stored Procedure	Deletes a NotificationDeviceConversation object from tbl_NotificationDeviceConversation and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDeviceConversationModify	Stored Procedure	Updates the attributes of a NotificationDeviceConversation object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceConversation and NotificationDevice objects that are updated.

Table Triggers

No triggers are specified for tbl_NotificationDeviceConversation.

Column Properties

AfterDialDigits

Property Name	Value
Description:	The extra digits (if any) that Cisco Unity Connection will dial after the phone number.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	NotificationDeviceAfterDialDigits
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[0-9Tt,*#]*\$
Validation - Description:	ASCII digits 0-9, T, t comma, hash and asterisk only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

BusyRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

Conversation

Property Name	Value
Description:	The name of the Conversation Cisco Unity Connection will use when calling the subscriber to notify of new messages. This maps to one of the conversations in tbl_Conversation.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	SubNotify
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DetectTransferLoop

Property Name	Value
Description:	A flag indicating whether Unity can do a loop detect transfer to this device.
Notes:	Values 0: Loop detect transfers to this device are NOTallowed 1: Loop detect transfers are allowed to this device
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

DialDelay

Property Name	Value
Description:	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Notes:	This option can be used if the automatic call progress detection is not reliable (for example, when phone lines are noisy or when ringing patterns are unusual).
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for notification.
Notes:	FK to tbl_MediaSwitchObjectId.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceConversation object.
Notes:	The value of this objectId is the same as the objectId of its associated base object in tbl_NotificationDevice.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDeviceConversation
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number to dial, including the trunk access code (if any), of the device.
Notes:	Allowable characters are digits 0-9, and comma to insert one-second pause, and hash ("#") and star ("*") corresponding to these keys on the phone.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PromptForId

Property Name	Value
Description:	A flag indicating whether to prompt a subscriber for their Cisco Unity Connection ID, or just their password.
Notes:	1: SubNotify conversation shall prompt for subscriber ID and password (baseline system behavior) before access to the subscriber's mailbox is granted. 0: SubNotify conversation shall prompt only for the associated subscriber password before access to the subscriber's mailbox is granted.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RetriesOnBusy

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RetriesOnRna

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RingsToWait

Property Name	Value
Description:	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

RnaRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	15
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1

Property Name	Value
Validation - Maximum Value:	100

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Notes:	Values: 0: Do not transmit an authorization code 1: An authorization code must be transmitted to Cisco Call Manager
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WaitConnect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.
Notes:	Values: 0: Do not wait until a connection is detected before dialing the digits in AfterDialDigits. 1: Wait until a connection is detected before dialing the digits in AfterDialDigits.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceConversation
Primary Key:	False
Allow Null:	False
Default Value:	1

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.59. tbl_NotificationDevicePager

A dialable pager device (not a text pager) such as a numeric pager, to which notifications of new messages for a subscriber can be sent.

Additional Information

This table contains the parameters and settings (sendcount, dialdelay, etc.) for each dialable pager notification device for all subscribers on the local VMS.

The Notifier is hardcoded to use the DialoutConv conversation and therefore this table doesn't need the Conversation column in the database for pager devices. As an aside, the DialoutConv was originally called the PagerConv, but then it was decided that it would be used for message delivery as well for dialing extra digits in case anyone had a automated system they had to navigate through. The DialoutConv chains to SubNotify for message delivery devices, and just hangs up for pager devices.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ObjectID	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevicePager object.	ObjectID
	AfterDialDigits	nvarchar (32 characters)	True	The extra digits (if any) that Cisco Unity Connection will dial after the phone number. For numeric pagers, the extra digits are shown on the pager display.	NotificationDeviceAfterDialDigits
	BusyRetryInterval	int (4 bytes)	False	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.	
	DialDelay	int (4 bytes)	False	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.	
FK	MediaSwitchObjectID	char (36 characters)	False	The unique identifier of the MediaSwitch object to use for notification.	ObjectID
	PhoneNumber	nvarchar (40 characters)	True	The phone number to dial, including the trunk access code, to send a page.	PhoneNumberE123
	RetriesOnBusy	int (4 bytes)	False	The number of times Cisco Unity Connection will retry the notification device if it is busy.	
	RetriesOnRna	int (4 bytes)	False	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.	
	RingsToWait	int (4 bytes)	False	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	RnaRetryInterval	int (4 bytes)	False	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.	
	SendCallerId	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.	Bool
	SendCount	smallint (2 bytes)	False	A flag indicting whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.	Bool
	TransmitForcedAuthorizationCode	smallint (2 bytes)	False	A flag indicting whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.	Bool
	WaitConnect	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.	Bool

Table Keys

PK_tbl_NotificationDevicePager

Property Name	Value
Description:	Uniquely identifies a notification device pager in this table and exclusively represents this notification device throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate pager notification device. A pager notification device with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_NotificationDevicePager.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_NotificationDevicePager.

Table Relationships (Foreign Keys)

tbl_NotificationDevicePager has the following relationships with other tables:

tbl_NotificationDevicePager.ObjectId (0..1) ----- (1..1) tbl_NotificationDevice.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationDevicePager_ObjectId_tbl_NotificationDevice_ObjectId
Description:	Each notification device pager is a notification device. Each notification device may be the base for one notification device pager.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationDevicePager and tbl_NotificationDevice linked by the foreign key ObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the notification device is deleted, the FK Cascade Delete constraint will ensure that the corresponding notification device pager is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this pager notification device to a nonexistent notification device.

tbl_NotificationDevicePager.MediaSwitchObjectId (0..*) ----- (1..1) tbl_MediaSwitch.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationDevicePager_MediaSwitchObjectId_tbl_MediaSwitch_ObjectId
Description:	Each notification device pager must be assigned to one media switch. Each media switch may have one or more notification device pagers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationDevicePager and tbl_MediaSwitch linked by the foreign key MediaSwitchObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the phone system to which this pager notification device is assigned or to assign this pager notification device to a nonexistent phone system.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_NotificationDevicePager:

Name	Object Type	Description
vw_NotificationDevice	View	A simple view for tbl_NotificationDevice.

Name	Object Type	Description
vw_NotificationDevicePager	View	A of tbl_NotificationDevicePager along with the properties from the base object tbl_NotificationDevice.
csp_NotificationDevicePagerCreate	Stored Procedure	Creates a new NotificationDevicePager object by inserting a new row into tbl_NotificationDevicePager. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDevicePager object) by inserting a new row in tbl_NotificationDevice. A NotificationDevicePager object contains the parameters and settings (sendcount, dialdelay, etc.) for a pager (via phone, not SMTP) notification device.
csp_NotificationDevicePagerDelete	Stored Procedure	Deletes a NotificationDevicePager object from tbl_NotificationDevicePager and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDevicePagerModify	Stored Procedure	Updates the attributes of a NotificationDevicePager object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDevicePager and NotificationDevice objects that are updated.

Table Triggers

No triggers are specified for tbl_NotificationDevicePager.

Column Properties

AfterDialDigits

Property Name	Value
Description:	The extra digits (if any) that Cisco Unity Connection will dial after the phone number. For numeric pagers, the extra digits are shown on the pager display.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	NotificationDeviceAfterDialDigits
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[0-9Tt,*#]*\$
Validation - Description:	ASCII digits 0-9, T, t comma, hash and asterisk only.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

BusyRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

DialDelay

Property Name	Value
Description:	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Notes:	This option can be used if the automatic call progress detection is not reliable (for example, when phone lines are noisy or when ringing patterns are unusual).
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for notification.
Notes:	FK to tbl_MediaSwitchObjectId
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevicePager object.

Property Name	Value
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_NotificationDevice.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number to dial, including the trunk access code, to send a page.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RetriesOnBusy

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RetriesOnRna

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RingsToWait

Property Name	Value
Description:	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

RnaRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False
Allow Null:	False
Default Value:	15
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1

Property Name	Value
Validation - Maximum Value:	100

SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDevicePager
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCount

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	Values: 0: Do not send subscriber message counts. 1: Send subscriber message counts.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDevicePager
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicting whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Notes:	Values: 0: Do not transmit an authorization code 1: An authorization code must be transmitted to Cisco Call Manager
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WaitConnect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.

Property Name	Value
Notes:	Values: 0: Do not wait until a connection is detected before dialing the digits in AfterDialDigits. 1: Wait until a connection is detected before dialing the digits in AfterDialDigits.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevicePager
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.60. tbl_NotificationDeviceSMS

A Short Message Service (SMS) capable device such as a cell phone to which notifications of new messages for a subscriber can be sent. SMS is available on digital Global System for Mobile communications (GSM) networks and requires a SMPP (Short Message Peer-To-Peer) Provider. Using SMS, a short alphanumeric message (160 alphanumeric characters) can be sent to a mobile phone to be displayed there, much like in an alphanumeric paging system. See tbl_SMPPProvider for additional information.

Additional Information

This table contains the parameters and settings (sendcount, SMPPProviderobjectid, etc.) for each SMS notification device for all subscribers on the local VMS.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMS object.	ObjectID
	PhoneNumber	nvarchar (40 characters)	True	The return phone number for the message notification. Typically, this column contains the number that the subscriber calls to check messages (i.e., pilot number for Cisco Unity Connection voice mail). If the SMPP Provider requires a source address for the server sending the message, the SMSC will overwrite this data with an IP address. In CUSA, this is referred to as the "From:" field.	
	SendCallerId	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.	Bool
	SendCount	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.	Bool
FK	SmppProviderObjectId	char (36 characters)	False	The unique identifier of the SMPPProvider object that is used by this notification device.	ObjectID
	SmtAddress	lvarchar (320 characters)	True	The phone number of the SMS-compatible device to receive the message. In CUSA, this is referred to as the "To:" field.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	StaticText	lvvarchar (256 characters)	True	The text message that the subscriber wants to receive in a Text Pager notification. For Text Pager notifications only. The SA refers to this as the "Send:" field. Typically holds email address. Also holds text for text pagers. SA text pager calls this 'send text'. It is empty for numeric pagers.	

Table Keys

PK_tbl_NotificationDeviceSMS

Property Name	Value
Description:	Uniquely identifies a notification device SMS in this table and exclusively represents this notification device throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate SMS notification device. A SMS notification device with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_NotificationDeviceSMS.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_NotificationDeviceSMS.

Table Relationships (Foreign Keys)

tbl_NotificationDeviceSMS has the following relationships with other tables:

tbl_NotificationDeviceSMS.ObjectId (0..1) ----- (1..1) tbl_NotificationDevice.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationDeviceSMS_ObjectId_tbl_NotificationDevice_ObjectId
Description:	Each notification device SMS is a notification device. Each notification device may be the base for one notification device SMS.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationDeviceSMS and tbl_NotificationDevice linked by the foreign key ObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.

Property Name	Value
Notes:	When the notification device is deleted, the FK Cascade Delete constraint will ensure that the corresponding notification device SMS is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this SMS notification device to a nonexistent notification device.

tbl_NotificationDeviceSMS.SmppProviderObjectId (0..*) ----- (1..1) tbl_SMPPProvider.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationDeviceSMS_SmppProviderObjectId_tbl_SMPPProvider_ObjectId
Description:	Each notification device SMS object must be serviced by one SMPP Provider. Each SMPP Provider may provide service to one or more notification device SMSes.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationDeviceSMS and tbl_SMPPProvider linked by the foreign key SmppProvider-ObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the SMPP provider to which this SMS notification device is assigned or to assign this SMS notification device to a nonexistent SMPP provider.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_NotificationDeviceSMS:

Name	Object Type	Description
vw_NotificationDevice	View	A simple view for tbl_NotificationDevice.
vw_NotificationDeviceSMS	View	A view of tbl_NotificationDeviceSMS along with the properties from the base object tbl_NotificationDevice.
csp_NotificationDeviceSMSCreate	Stored Procedure	Creates a new NotificationDeviceSMS object by inserting a new row into tbl_NotificationDeviceSMS. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDeviceSMS object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceSMS object contains the parameters and settings (sendcount, SMPPProviderObjectId, etc.) for a SMS notification device.

Name	Object Type	Description
csp_NotificationDeviceSMSDelete	Stored Procedure	Deletes a NotificationDeviceSMS object from tbl_NotificationDeviceSMS and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDeviceSMSModify	Stored Procedure	Updates the attributes of a NotificationDeviceSMS object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceSMS and NotificationDevice objects that are updated.

Table Triggers

No triggers are specified for tbl_NotificationDeviceSMS.

Column Properties

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMS object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_NotificationDevice.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDeviceSMS
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The return phone number for the message notification. Typically, this column contains the number that the subscriber calls to check messages (i.e., pilot number for Cisco Unity Connection voice mail). If the SMPP Provider requires a source address for the server sending the message, the SMSC will overwrite this data with an IP address. In CUSA, this is referred to as the "From:" field.
Notes:	
Business Rules:	
Developer Notes:	<p>In the View and stored procedures for a NotificationDeviceSMS, this column is named "ReplyToNumber." The reason this column was not renamed to a more relevant name is due to the requirements for vw_NotificationDevice, which has a PhoneNumber column that is common to all types notification devices.</p> <p>The character constraint for this column that allows any character except control characters is intentional. There are some SMPPProviders that allow users to enter text in this field, which will be forwarded to the SMS device.</p>
Occurrences In Views:	vw_NotificationDeviceSMS
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDeviceSMS
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCount

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	Values: 0: Do not send subscriber message counts. 1: Send subscriber message counts.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDeviceSMS
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SmppProviderObjectId

Property Name	Value
Description:	The unique identifier of the SMPPProvider object that is used by this notification device.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceSMS
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtAddress

Property Name	Value
Description:	The phone number of the SMS-compatible device to receive the message. In CUSA, this is referred to as the "To:" field.
Notes:	The format and the number depends on the SMPP Provider. The provider may require that you include international country codes, beginning with a plus sign (+) and followed by the country code, area, city, or trunk code, and then the number for the device (for example, +12065551234). Do not start with a zero or the international dialing prefix. Do not include spaces, dashes, parentheses or other punctuation.
Business Rules:	
Developer Notes:	<p>In the View and stored procedures for a NotificationDeviceSMS, this column is named "RecipientAddress." The reason this column was not renamed to a more relevant name is due to the requirements for vw_NotificationDevice, which has an SmtAddress column that is common to all types notification devices.</p> <p>The character constraint for this column that allows any character except control characters is intentional. There are some SMPPProviders that don't exactly adhere to the specification and support other characters in this field other than digits for a phone number.</p>
Occurrences In Views:	vw_NotificationDeviceSMS
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

StaticText

Property Name	Value
Description:	The text message that the subscriber wants to receive in a Text Pager notification. For Text Pager notifications only. The SA refers to this as the "Send:" field. Typically holds email address. Also holds text for text pagers. SA text pager calls this 'send text'. It is empty for numeric pagers.
Notes:	The maximum length of 160 characters is derived from SMS specification.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDeviceSMS
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	160 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.61. tbl_NotificationDeviceSMTP

An Simple Message Transport Protocol (SMTP) capable device such as a text pager or an e-mail address, to which notifications of new messages for a subscriber can be sent. This device is also used to send a notification message to a subscriber's Cisco Unity Connection Inbox accessible via the Cisco Unity Connection Personal Communication Assistant.

Additional Information

This table contains the parameters and settings (sendcount, smtpaddress, etc.) for each SMTP notification device for all subscribers on the local VMS.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMTP object.	ObjectId
	PhoneNumber	varchar (40 characters)	True	The phone number or alphanumeric text (as applicable) for sending a notification message to a text-compatible cell phone or pager. In the SA, this is referred to as the "From:" field. Typically, this field contains the number that the subscriber calls to check messages.	
	SendCallerId	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.	Bool
	SendCount	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.	Bool
	SendPcaLink	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will include a link to the PCA with the notification message.	Bool
	SmtAddress	lvarchar (320 characters)	True	The e-mail address of the text pager, text-compatible cell phone, or another e-mail account (such as a home e-mail address) to which the notification message is to be sent. In the SA, this is referred to as the "To:" field.	EmailAd- dress
	StaticText	lvarchar (256 characters)	True	The actual text message that the subscriber wants to receive in a Text Pager notification. The SA refers to this as the "Send:" field.	

Table Keys

PK_tbl_NotificationDeviceSMTP

Property Name	Value
Description:	Uniquely identifies a notification device SMTP in this table and exclusively represents this notification device throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate SMTP notification device. A SMTP notification device with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_NotificationDeviceSMTP.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_NotificationDeviceSMTP.

Table Relationships (Foreign Keys)

tbl_NotificationDeviceSMTP has the following relationships with other tables:

tbl_NotificationDeviceSMTP.ObjectId (0..1) ----- (1..1) tbl_NotificationDevice.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationDeviceSMTP_ObjectId_tbl_NotificationDevice_ObjectId
Description:	Each notification device SMTP is a notification device. Each notification device may be the base for one notification device SMTP.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationDeviceSMTP and tbl_NotificationDevice linked by the foreign key ObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the notification device is deleted, the FK Cascade Delete constraint will ensure that the corresponding notification device SMTP is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this SMTP notification device to a nonexistent notification device.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_NotificationDeviceSMTP:

Name	Object Type	Description
vw_NotificationDevice	View	A simple view for tbl_NotificationDevice.
vw_NotificationDeviceSMTP	View	A view of tbl_NotificationDeviceSMTP along with the properties from the base object tbl_NotificationDevice.
csp_NotificationDeviceSMTPCreate	Stored Procedure	Creates a new NotificationDeviceSMTP object by inserting a new row into tbl_NotificationDeviceSMTP. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDeviceSMTP object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceSMTP object contains the parameters and settings (sendcount, smtpaddress, etc.) for a SMTP notification device.
csp_NotificationDeviceSMTPDelete	Stored Procedure	Deletes a NotificationDeviceSMTP object from tbl_NotificationDeviceSMTP and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDeviceSMTPModify	Stored Procedure	Updates the attributes of a NotificationDeviceSMTP object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceSMTP and NotificationDevice objects that are updated.

Table Triggers

No triggers are specified for tbl_NotificationDeviceSMTP.

Column Properties

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMTP object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_NotificationDevice.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDeviceSMTP
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number or alphanumeric text (as applicable) for sending a notification message to a text-compatible cell phone or pager. In the SA, this is referred to as the "From:" field. Typically, this field contains the number that the subscriber calls to check messages.
Notes:	
Business Rules:	
Developer Notes:	Must be same type/length as PhoneNumberE123 custom type, but we can't use that here because we need to include alpha.
Occurrences In Views:	vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCount

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	Values: 0: Do not send subscriber message counts. 1: Send subscriber message counts.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendPcaLink

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a link to the PCA with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtpAddress

Property Name	Value
Description:	The e-mail address of the text pager, text-compatible cell phone, or another e-mail account (such as a home e-mail address) to which the notification message is to be sent. In the SA, this is referred to as the "To:" field.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	EmailAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

StaticText

Property Name	Value
Description:	The actual text message that the subscriber wants to receive in a Text Pager notification. The SA refers to this as the "Send:" field.
Notes:	Typically holds e-mail address. If the DeviceName is "TextforVMI," this column will contain the URL for the Cisco Personal Communications Assistant so that it is automatically included as a link in the body of the e-mail message that is sent to the notification device.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationDevice , vw_NotificationDeviceSMTP
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.62. tbl_NotificationMwi

A special type of notification device, typically a phone, that has a Message Waiting Indicator (MWI). MWI's are a different type of notification because they are "stateful." Normally Cisco Unity Connection just needs to phone or page someone, which is an outbound alert. With MWIs (Message Waiting Indicators - the little light on the phone), Cisco Unity Connection needs to know if it turned the light on, so it knows if and when to turn it off.

Additional Information

Unlike other notification devices which have a corresponding NotificationDevice base object, the NotificationMwi object does not have a base object.

This table contains all the MWI devices for all subscribers on the local VMS. The database nor the Notifier limits the number of MWI extensions a subscriber may have. However, a practical limit of 10 MWI strings associated with a subscriber mailbox for handling multiple line appearances or multiple phones is recommended. By default, all subscribers get one MWI device.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.	ObjectID
	Active	smallint (2 bytes)	False	Is this active?	Bool
	DisplayName	nvarchar (64 characters)	False	The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or " Lab Phone."	DisplayName
	IncludeFaxMessages	smallint (2 bytes)	False	A flag indicating whether the MWI should be set for a FAX message.	Bool
	IncludeTextMessages	smallint (2 bytes)	False	A flag indicating whether the MWI should be set for a text message.	Bool
	IncludeVoiceMessages	smallint (2 bytes)	False	A flag indicating whether the MWI should be set for a voice message.	Bool
FK	MediaPortObjectId	char (36 characters)	True	The unique identifier of the MediaPort object Cisco Unity Connection uses to set MWI.	ObjectID
FK	MediaSwitchObjectId	char (36 characters)	True	The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI.	ObjectID
	MwiExtension	nvarchar (40 characters)	True	The phone number (extension) of the MWI to activate.	PhoneNumberE123_Required
	MwiOn	smallint (2 bytes)	False	A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
FK	SubscriberObjectId	char (36 characters)	False	The unique identifier of the Subscriber object to which this MWI belongs.	ObjectID

Table Keys

CK_tbl_NotificationMwi_DisplayName_SubscriberObjectId

Property Name	Value
Description:	Uniquely identifies the name of a notification MWI for each subscriber in tbl_NotificationMwi.
Type:	Candidate
Column(s):	DisplayName , SubscriberObjectId
Clustered?	False
Constraint Error String:	Duplicate MWI notification device name for this user.

PK_tbl_NotificationMwi

Property Name	Value
Description:	Uniquely identifies a notification mwi in this table and exclusively represents this notification mwi throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate notification MWI. A notification MWI with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_NotificationMwi.

Table Ad-Hoc Constraints

MwiExtension_And_MediaSwitchObjectId_BothBeNULL_Or_BothBeNonNULL

Property Name	Value
Description:	MediaSwitchObjectid must mirror MwiExtension from the perspective of containing NULL or a non-null value.
Notes:	
Developer Notes:	

Property Name	Value
Business Rules:	* If inheriting extension from subscriber, both MwiExtension and MediaSwitchObjectId must be NULL. * If not inheriting extension from subscriber, both MwiExtension and MediaSwitchObjectId must be NON-NULL.
Constraint Error String:	The value of the phone system and/or mwi extension is invalid based on whether the mwi extension is inherited from the user's extension or not.

Table Relationships (Foreign Keys)

tbl_NotificationMwi has the following relationships with other tables:

tbl_NotificationMwi.MediaPortObjectId (0..*) ----- (0..1) tbl_MediaPort.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationMwi_MediaPortObjectId_tbl_MediaPort_ObjectId
Description:	Each notification MWI may be assigned to one media port. Each media port may have one or more notification MWIs assigned to it.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationMwi and tbl_MediaPort linked by the foreign key MediaPortObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the voice port to which this MWI is assigned or to assign this MWI to a nonexistent voice port

tbl_NotificationMwi.MediaSwitchObjectId (0..*) ----- (0..1) tbl_MediaSwitch.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationMwi_MediaSwitchObjectId_tbl_MediaSwitch_ObjectId
Description:	Each notification MWI may be assigned to one media switch. Each media switch may have one or more notification MWIs.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationMwi and tbl_MediaSwitch linked by the foreign key MediaSwitchObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	Although technically each notification MWI is assigned to one media switch, a value of NULL indicates that the Media Switch is inherited from the User's media switch.
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to either delete the phone system to which this MWI is assigned or to assign this MWI to a nonexistent phone system.

tbl_NotificationMwi.SubscriberObjectId (0..*)----- (1..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationMwi_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each notification MWI must belong to one subscriber. Each subscriber may have one or more notification MWIs.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationMwi and tbl_UserSubscriber linked by the foreign key SubscriberObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the subscriber is deleted, the FK Cascade Delete constraint will ensure that the corresponding notification MWI is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this MWI to a nonexistent user.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_NotificationMwi:

Name	Object Type	Description
vw_NotificationAllActiveDevices	View	This view shows all active devices for users on the system. If a user does not have a single active device then a row will be present for this user with deviceobjectid and mwiobjectid both set to null.
vw_NotificationMwi	View	A simple view for tbl_NotificationMwi.
csp_NotificationMwiCreate	Stored Procedure	Creates a new NotificationMwi object by inserting a new row into tbl_NotificationMwi. A NotificationMwi object contains the properties for one of a subscriber's notification devices.
csp_NotificationMwiDelete	Stored Procedure	Deletes a NotificationMwi object from tbl_NotificationMwi as specified by the @ObjectId parameter.
csp_NotificationMwiModify	Stored Procedure	Updates the attributes of a NotificationMwi object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationMwi object that is updated.
tr_NotificationMWI_Insert_Update	Trigger	

Table Triggers

Name	Event To Fire On	Description	Notes
tr_NotificationMWI_Insert_Update	On Insert and On Update		

Column Properties

Active

Property Name	Value
Description:	Is this active?
Notes:	1 means that it is active and the MWI will be turned on/off by the notifier.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationMwi
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or " Lab Phone."
Notes:	The text name must be unique for each subscriber.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationMwi , vw_NotificationAllActiveDevices

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeFaxMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a FAX message.
Notes:	Values: 0: Do not set MWI for fax message. 1: Set MWI for fax message.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationMwi , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeTextMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a text message.

Property Name	Value
Notes:	Values: 0: Do not set MWI for text message. 1: Set MWI for text message.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationMwi , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeVoiceMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a voice message.
Notes:	Values: 0: Do not set MWI for voice message. 1: Set MWI for voice message.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationMwi , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortObjectId

Property Name	Value
Description:	The unique identifier of the MediaPort object Cisco Unity Connection uses to set MWI.
Notes:	This information is needed by the Notifier to set MWI for some switches that require that the same port that turned ON a MWI must also turn OFF that same MWI.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationMwi , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI.
Notes:	FK to tbl_MediaSwitchObjectId
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationMwi , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiExtension

Property Name	Value
Description:	The phone number (extension) of the MWI to activate.
Notes:	NULL means use the subscriber's extension.
Business Rules:	Multiple MWI extensions must be unique for a single subscriber.
Developer Notes:	
Occurrences In Views:	vw_NotificationMwi , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123_Required
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,,]+\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiOn

Property Name	Value
Description:	A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.
Notes:	Values: 0: MWI is off 1: MWI is on
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationMwi , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationAllActiveDevices , vw_NotificationMwi
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this MWI belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationMwi
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.63. tbl_NotificationRule

A group of settings for each notification device that control when and how notifications are sent to the first and subsequent devices.

Additional Information

Each notification device is associated with a notification rule, which determines the schedule the device is active for and whether notifications are repeated at what interval. The criteria and events that will cause the rule to trigger are defined in the NotificationCriteria and NotificationEvent tables.

This table contains all the notification rules for each subscriber on the local VMS.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a NotificationRule object.	ObjectId
	DisplayName	nvarchar (64 characters)	False	The text name for this notification rule to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
FK	FailRuleObjectId	char (36 characters)	True	The unique identifier of the NotificationRule object that Cisco Unity Connection will run if attempted notification to the device specified in this rule fails.	ObjectId
	InitialDelay	int (4 bytes)	False	The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).	
FK	NotificationDeviceObjectId	char (36 characters)	False	The unique identifier of the NotificationDevice object to use.	ObjectId
	RepeatInterval	int (4 bytes)	False	The amount of time (in minutes) Cisco Unity Connection will wait before re-notifying a subscriber of new messages.	
	RepeatNotify	smallint (2 bytes)	False	A flag indicting whether Cisco Unity Connection begins a notification process immediately upon the arrival of each message that matches the specified criteria.	Bool
FK	ScheduleSetObjectId	char (36 characters)	True	The unique identifier of the ScheduleSet object that specifies the schedule for this notification rule.	ObjectId
FK	SubscriberObjectId	char (36 characters)	False	The unique identifier of the Subscriber object to which this notification rule belongs.	ObjectId

Table Keys

CK_tbl_NotificationRule_DisplayName_SubscriberObjectId

Property Name	Value
Description:	Uniquely identifies the name of a notification rule for each subscriber.
Type:	Candidate
Column(s):	DisplayName , SubscriberObjectId
Clustered?	False
Constraint Error String:	Duplicate notification rule name for this user.

CK_tbl_NotificationRule_NotificationDeviceObjectId_SubscriberObjectId

Property Name	Value
Description:	We have a one to one relationship between a device and rule in Lucas.
Type:	Candidate
Column(s):	NotificationDeviceObjectId , SubscriberObjectId
Clustered?	False
Constraint Error String:	The notification device already has a corresponding notification rule.

PK_tbl_NotificationRule

Property Name	Value
Description:	Uniquely identifies a notification rule in this table and exclusively represents this notification rule throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate notification rule. A notification rule with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_NotificationRule.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_NotificationRule.

Table Relationships (Foreign Keys)

tbl_NotificationRule has the following relationships with other tables:

tbl_NotificationRule.FailRuleObjectId (0..*)----- (0..1) tbl_NotificationRule.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationRule_FailRuleObjectId_tbl_NotificationRule_ObjectId
Description:	Each notification rule may designate one notification rule to run if a notification fails. Each notification rule may be designated as a "fail rule" for one or more other notification rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationRule and tbl_NotificationRule linked by the foreign key FailRuleObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete another notification rule designated as the fail rule for this notification rule or to designate a nonexistent notification rule as the fail rule for this notification rule.

tbl_NotificationRule.NotificationDeviceObjectId (1..*)----- (1..1) tbl_NotificationDevice.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationRule_NotificationDeviceObjectId_tbl_NotificationDevice_ObjectId
Description:	Each notification rule must be assigned to one notification device. Each notification device must have one or more notification rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationRule and tbl_NotificationDevice linked by the foreign key NotificationDeviceObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	Although the data model allows a notification device to have more than one notification rule, for K1 only a one-to-one relationship is support. When the notification device is deleted, the FK Cascade Delete constraint will ensure that the corresponding notification rule is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this notification rule to a nonexistent notification.

tbl_NotificationRule.SubscriberObjectId (0..*)----- (1..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationRule_SubscriberObjectId_tbl_UserSubscriber_ObjectId

Property Name	Value
Description:	Each notification rule must be assigned to one subscriber. Each subscriber may have one or more notification rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationRule and tbl_UserSubscriber linked by the foreign key SubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a user to which this notification rule is assigned or to assign this notification rule to a nonexistent user.

tbl_NotificationRule.ScheduleSetObjectId (0..*) ----- (1..1) tbl_ScheduleSet.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationRule_ScheduleSetObjectId_tbl_ScheduleSet_ObjectId
Description:	Each notification rule must be assigned one schedule set. Each schedule set may apply to one or more notification rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationRule and tbl_ScheduleSet linked by the foreign key ScheduleSetObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a schedule set to which this notification rule is assigned or to assign this notification rule to a nonexistent schedule set.

Additional relationships with tbl_NotificationRule are defined in the following tables:

[tbl_NotificationRule](#)

[tbl_NotificationRuleEvent](#)

[tbl_NotificationRuleCriteria](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_NotificationRule:

Name	Object Type	Description
vw_NotificationAllActiveDevices	View	This view shows all active devices for users on the system. If a user does not have a single active device then a row will be present for this user with deviceobjectid and mwioobjectid both set to null.
vw_NotificationRule	View	A simple view for tbl_NotificationRule.
csp_NotificationRuleCreate	Stored Procedure	Creates a new NotificationRule object by inserting a new row into tbl_NotificationRule. A NotificationRule object specifies when and which NotificationDevice is used for notification of new messages.
csp_NotificationRuleModify	Stored Procedure	Updates the attributes of a NotificationRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationRule object that is updated.

Table Triggers

No triggers are specified for tbl_NotificationRule.

Column Properties

DisplayName

Property Name	Value
Description:	The text name for this notification rule to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	Not relevant since there can only be one notification rule per notification device.
Business Rules:	The DisplayName must be unique for a User.
Developer Notes:	Since DisplayName is no longer relevant, it should be deprecated.
Occurrences In Views:	vw_NotificationRule , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FailRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object that Cisco Unity Connection will run if attempted notification to the device specified in this rule fails.
Notes:	Note that the notification device associated with the specified failed rule does not have to be active.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRule , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

InitialDelay

Property Name	Value
Description:	The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).
Notes:	If the delay time takes the notification out to a time when the device schedule is no longer active, the notification does not take place.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRule , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	120

NotificationDeviceObjectld

Property Name	Value
Description:	The unique identifier of the NotificationDevice object to use.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRule
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Objectld

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationRule object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRule , vw_NotificationAllActiveDevices
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RepeatInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait before re-notifying a subscriber of new messages.
Notes:	Cisco Unity Connection attempts notification immediately after the first message, and then initiates a notification schedule based on the specified interval. The notification schedule is effective for as long as the subscriber has one or more new messages.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRule , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	60

RepeatNotify

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection begins a notification process immediately upon the arrival of each message that matches the specified criteria.
Notes:	<p>In other words, if this subscriber has unopened messages of types set up in this rule's events, then repeatedly notify him/her until the schedule expires or the messages are opened. This is independent of each/batch designations.</p> <p>Cisco Unity Connection considers notification successful if the device answers, even if new messages remain. (For example, notification is considered successful even when an answering machine picks up and records the message, but the message remains unread in the mailbox.)</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRule , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object that specifies the schedule for this notification rule.
Notes:	Created by default, but without any schedules.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRule , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRule
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.64. tbl_NotificationRuleCriteria

A test or set of conditions that will trigger a notification rule.

Additional Information

There will be one row per criterion that is enabled for a notification rule. Criteria are pre-defined and specified by an integer value (see the NotificationCriteria column).

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	NotificationCriteria	int (4 bytes)	False	The criteria under which a notification rule will run, such as when there is a pending voice mail message.	Notification-RuleCriteria
PK, FK	NotificationRuleObjectId	char (36 characters)	False	The unique identifier of the NotificationRule object for which this criteria applies.	ObjectID

Table Keys

PK_tbl_NotificationRuleCriteria

Property Name	Value
Description:	Uniquely identifies a notification rule criteria in this table and exclusively represents this notification rule criteria throughout the database.
Type:	Primary
Column(s):	NotificationCriteria , NotificationRuleObjectId
Clustered?	True
Constraint Error String:	Duplicate notification rule criteria. A notification rule criteria with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_NotificationRuleCriteria.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_NotificationRuleCriteria.

Table Relationships (Foreign Keys)

tbl_NotificationRuleCriteria has the following relationships with other tables:

tbl_NotificationRuleCriteria.NotificationRuleObjectId (0..*)----- (1..1) tbl_NotificationRule.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationRuleCriteria_NotificationRuleObjectId_tbl_NotificationRule_ObjectId
Description:	Each notification rule criteria must be assigned to one notification rule. Each notification rule may have one or more notification rule criteria.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationRuleCriteria and tbl_NotificationRule linked by the foreign key NotificationRuleObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the notification rule is deleted, the FK Cascade Delete constraint will ensure that the corresponding notification rule criteria is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was to made to assign this notification rule criteria to a nonexistent notification rule.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_NotificationRuleCriteria:

Name	Object Type	Description
vw_NotificationRuleCriteria	View	A simple view for tbl_NotificationRuleCriteria.
csp_NotificationRuleCriteriaCreate	Stored Procedure	Creates a new NotificationRuleCriteria object by inserting a new row into tbl_NotificationRuleCriteria. A NotificationRuleCriteria object specifies the criteria that will trigger a notification rule.
csp_NotificationRuleCriteriaDelete	Stored Procedure	Deletes a NotificationRuleCriteria object from tbl_NotificationRuleCriteria as specified by the @ObjectId parameter.

Table Triggers

No triggers are specified for tbl_NotificationRuleCriteria.

Column Properties

NotificationCriteria

Property Name	Value
Description:	The criteria under which a notification rule will run, such as when there is a pending voice mail message.
Notes:	Values: 1: Pending voice mail. 2: Pending urgent voice mail message. 3: Pending e-mail message. 4: Pending urgent e-mail message. 5: Pending fax message. 6: Pending urgent fax message. 7: Pending message of any type 8: Pending urgent message of any type.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRuleCriteria
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	NotificationRuleCriteria
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NotificationRuleObjectID

Property Name	Value
Description:	The unique identifier of the NotificationRule object for which this criteria applies.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRuleCriteria
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.65. tbl_NotificationRuleEvent

An event such as the first urgent voice mail message, which will trigger a message notification rule.

Additional Information

There will be one row per event that should be enabled for a notification rule.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	NotificationEvent	int (4 bytes)	False	The actual event to enable for a notification rule, such as for the first urgent voice mail message.	NotificationRuleEvent
PK, FK	NotificationRuleObjectId	char (36 characters)	False	The unique identifier of the NotificationRule object for which this event applies.	ObjectID

Table Keys

PK_tbl_NotificationRuleEvent

Property Name	Value
Description:	Uniquely identifies a notification rule event in this table and exclusively represents this notification rule event throughout the database.
Type:	Primary
Column(s):	NotificationEvent , NotificationRuleObjectId
Clustered?	True
Constraint Error String:	Duplicate notification rule event. A notification rule event with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_NotificationRuleEvent.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_NotificationRuleEvent.

Table Relationships (Foreign Keys)

tbl_NotificationRuleEvent has the following relationships with other tables:

tbl_NotificationRuleEvent.NotificationRuleObjectId (0..*) ----- (1..1) tbl_NotificationRule.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_NotificationRuleEvent_NotificationRuleObjectId_tbl_NotificationRule_ObjectId
Description:	Each notification rule event must be assigned to one notification rule. Each notification rule may have one or more notification rule events.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_NotificationRuleEvent and tbl_NotificationRule linked by the foreign key NotificationRuleObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the notification rule is deleted, the FK Cascade Delete constraint will ensure that the corresponding notification rule event is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was to made to assign this notification rule event to a nonexistent notification rule.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_NotificationRuleEvent:

Name	Object Type	Description
vw_NotificationRuleEvent	View	A simple view for tbl_NotificationRuleEvent.
csp_NotificationRuleEventCreate	Stored Procedure	Creates a new NotificationRuleEvent object by inserting a new row into tbl_NotificationRuleEvent. A NotificationRuleEvent object specifies the message notification event for a notification rule that triggers notification rule.
csp_NotificationRuleEventDelete	Stored Procedure	Deletes a NotificationRuleEvent object from tbl_NotificationRuleEvent as specified by the @ObjectId parameter.

Table Triggers

No triggers are specified for tbl_NotificationRuleEvent.

Column Properties

NotificationEvent

Property Name	Value
Description:	The actual event to enable for a notification rule, such as for the first urgent voice mail message.
Notes:	Values: 0: None 1: First voice mail message. 10: First urgent fax message. 11: New fax message. 12: New urgent fax message. 13: First message of any type. 14: First urgent message of any type. 15: New message of any type. 16: New urgent message of any type. 17: Runs when schedule becomes active 2: First urgent voice mail message. 3: New voice mail message. 4: New urgent voice mail message. 5: First e-mail message. 6: First urgent email message. 7: New e-mail message. 8: New urgent e-mail message. 9: First fax message.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRuleEvent
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	NotificationRuleEvent
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NotificationRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object for which this event applies.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_NotificationRuleEvent

Property Name	Value
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.66. tbl_PersonalContact

The basic contact information for a person or entity (e.g., business) who is not a Cisco Unity Connection user.

Additional Information

Used for PA subscriber features along with CallerID, and perhaps more eventually.

A tool to import these from existing PIMs would be nice...

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a PersonalContact object.	ObjectID
	AltFirstName	nvarchar (64 characters)	True	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.	AltName
	AltLastName	nvarchar (64 characters)	True	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.	AltName
	ClientMatterCode	varchar (40 characters)	True	The client matter code to transmit to Call Manger when any of the phone numbers for this contact are dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.	ClientMatter-Code
	DirectoryId	lvarchar (2048 characters)	True	The identifier of this personal contact in a groupware package (for synchronization).	DirectoryId
	DisplayName	nvarchar (64 characters)	False	The unique text name of the personal contact to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	EmailAddress	lvarchar (320 characters)	True	The e-mail address (outbound) of the personal contact.	EmailAd- dress
	FirstName	nvarchar (64 characters)	True	The first name (i.e., givenName) of a personal contact. Not their surname nor middle name.	Name
	LastName	nvarchar (64 characters)	True	The last name (i.e., surname or family name) of a personal contact, by which a person is commonly known.	Name

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	NickName	nvarchar (64 characters)	True	The name a user might give for a particular personal contact name that might be hard to pronounce or how they often refer to someone (i.e. Nicholas might be Nick).	Name
FK	UserObjectId	char (36 characters)	False	The unique identifier of the User object to which this personal contact belongs.	ObjectID

Table Keys

PK_tbl_PersonalContact

Property Name	Value
Description:	Uniquely identifies a personal contact in this table and exclusively represents this personal contact throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate personal contact. A personal contact with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_PersonalContact.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PersonalContact.

Table Relationships (Foreign Keys)

tbl_PersonalContact has the following relationships with other tables:

tbl_PersonalContact.ObjectId (0..*) ----- (1..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalContact_UserObjectId_tbl_User_ObjectId
Description:	Each personal contact must belong to one user. Each user may be the owner of one or more personal contacts.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalContact and tbl_User linked by the foreign key UserObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.

Property Name	Value
Notes:	When the user is deleted, the FK Cascade Delete constraint will ensure that the corresponding personal contact is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent user as the owner of this personal contact.

Additional relationships with tbl_PersonalContact are defined in the following tables:

[tbl_PersonalContactPhone](#)

[tbl_PersonalGroupMember](#)

[tbl_PersonalRuleCaller](#)

[tbl_AlternateName](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PersonalContact:

Name	Object Type	Description
vw_PersonalContact	View	A simple view for tbl_PersonalContact.
vw_PersonalContactPhoneNumber	View	A view of personal contact general information including their phone number.
csp_PersonalContactCreate	Stored Procedure	Creates a new PersonalContact object for a user by inserting a new row into tbl_PersonalContact.
csp_PersonalContactDelete	Stored Procedure	Deletes a PersonalContact object from tbl_PersonalContact as specified by the @ObjectId parameter.
csp_PersonalContactModify	Stored Procedure	Updates the attributes of a PersonalContact object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalContact object that is updated.

Table Triggers

No triggers are specified for tbl_PersonalContact.

Column Properties

AltFirstName

Property Name	Value
Description:	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Notes:	Used to enable name lookup via the VUI client when the primary user firstname contains characters not supported by a speech recognition engine. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable the VUI to search for a user name, an alternate spelling of the user name in ASCII characters can be stored in the altfirstname column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContact , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltLastName

Property Name	Value
Description:	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Notes:	Used to enable name lookup via the VUI client when the primary user lastname contains characters not supported by a speech recognition engine. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable the VUI to search for a user name, an alternate spelling of the user name in ASCII characters can be stored in the altlastname column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContact , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$

Property Name	Value
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when any of the phone numbers for this contact are dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContact , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DirectoryId

Property Name	Value
Description:	The identifier of this personal contact in a groupware package (for synchronization).
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContact , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of the personal contact to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	Users must be allowed to import duplicate contact names. Therefore, there is not a unique constraint on the DisplayName.
Business Rules:	Must allow personal contact to be created with blank DisplayName.
Developer Notes:	To allow import of personal contacts without DisplayName (Exchange does not require a DisplayName), the default value of DisplayName is set to empty string (blank).See CSCsh41143.
Occurrences In Views:	vw_PersonalContact , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmailAddress

Property Name	Value
Description:	The e-mail address (outbound) of the personal contact.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContact , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	EmailAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of a personal contact. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContact , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of a personal contact, by which a person is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContact , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NickName

Property Name	Value
Description:	The name a user might give for a particular personal contact name that might be hard to pronounce or how they often refer to someone (i.e. Nicholas might be Nick).
Notes:	The nickname for a personal contact is recognized when doing speech enabled name dialing or the persons full name.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContact , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalContact object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_PersonalContact
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this personal contact belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContact , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.67. tbl_PersonalContactPhone

A phone number for a personal contact who is not a Cisco Unity Connection user or listed in the corporate directory.

Additional Information

This was kept separate from the tbl_PhoneNumber table purposefully since their use is much different.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	PersonalContactObject-Id	char (36 characters)	False	The unique identifier of the PersonalContact object to which this phone number belongs.	ObjectID
PK	PhoneType	smallint (2 bytes)	False	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.	PhoneType
	DialablePhoneNumber	varchar (255 characters)	True	Dialable version of the phone number, including any special codes for outside access if needed.	Dialable-PhoneNum-ber
	PhoneNumber	varchar (255 characters)	False	The phone number.	PhoneNum-ber
	SearchablePhoneNum-ber	varchar (255 characters)	True	Phone number without formatting or any dial codes. A basic form suitable for searching on.	PhoneNum-ber

Table Keys

PK_tbl_PersonalContactPhone

Property Name	Value
Description:	Uniquely identifies the combination of a personal contact and phone number in this table and exclusively represents this combination throughout the database.
Type:	Primary
Column(s):	PersonalContactObjectId , PhoneType
Clustered?	True
Constraint Error String:	Duplicate personal contact phone number. A personal contact phone number with that unique identifier already exists.

Table Indexes

Name	Description	Unique	Clustered	Sort Direction	Columns
IX_tbl_PersonalContactPhone_PhoneNumber	Personal contact phone objects ordered by PhoneNumber attribute.	False	False	Ascending	PhoneNumber
IX_tbl_PersonalContactPhone_SearchablePhoneNumber	For making searches on this SearchablePhoneNumber more efficient.	False	False	Ascending	PersonalContactObjectId , Searchable-PhoneNumber

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PersonalContactPhone.

Table Relationships (Foreign Keys)

tbl_PersonalContactPhone has the following relationships with other tables:

tbl_PersonalContactPhone.PersonalContactObjectId (0..*) ----- (1..1) tbl_PersonalContact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalContactPhone_PersonalContactObjectId_tbl_PersonalContact_ObjectId
Description:	Each personal contact phone number must apply to one personal contact. Each personal contact may be assigned one or more personal contact phone numbers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalContactPhone and tbl_PersonalContact linked by the foreign key PersonalContactObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the personal contact is deleted, the FK Cascade Delete constraint will ensure that the corresponding personal contact phone number is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this phone number to a nonexistent personal contact.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PersonalContactPhone:

Name	Object Type	Description
vw_PersonalContactPhone	View	A simple view for tbl_PersonalContactPhone.
vw_PersonalContactPhoneNumber	View	A view of personal contact general information including their phone number.
csp_PersonalContactPhoneCreate	Stored Procedure	Creates a new PhoneNumber object for a PersonContact by inserting a new row into tbl_PersonalContactPhone.

Name	Object Type	Description
csp_PersonalContactPhoneDelete	Stored Procedure	Deletes a PersonalContactPhone object from tbl_PersonalContactPhone as specified by the @PersonalObjectId and @PhoneType parameters.
csp_PersonalContactPhoneModify	Stored Procedure	Updates the attributes of a PersonalContactPhone object based on the values passed in via the parameters. The @PersonalContactObjectId, @PhoneNumber, and @PhoneType parameters identify the PersonalContactPhone object that is updated.

Table Triggers

No triggers are specified for tbl_PersonalContactPhone.

Column Properties

DialablePhoneNumber

Property Name	Value
Description:	Dialable version of the phone number, including any special codes for outside access if needed.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContactPhone , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DialablePhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[0-9Tt#*,]*\$
Validation - Description:	Digit, T, hash, *, or comma.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the PersonalContact object to which this phone number belongs.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContactPhone , vw_PersonalContactPhoneNumber
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContactPhone , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #\-\.\@,;: + \% '?"\(\)~*!&=\\$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (()), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

PhoneType

Property Name	Value
Description:	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.
Notes:	<p>Values:</p> <p>1: Primary work (business or office) telephone number. 10: Telephone number for assistant such as in an executive and executive assistant relationship. 11: Text Telephone (TTY) and/or Telecommunications Device for the Deaf (TDD) service for the hearing impaired. 14: First other (spare) telephone number. 15: Second other (spare) telephone number. 16: Third other (spare) telephone number. 17: Fourth other (spare) telephone number. 18: Fifth other (spare) telephone number. 19: Sixth other (spare) telephone number. 2: Secondary work (business or office) telephone number. 20: Seventh other (spare) telephone number. 21: Eighth other (spare) telephone number. 22: Ninth other (spare) telephone number. 23: Tenth other (spare) telephone number. 24: Eleventh other (spare) telephone number. 25: Twelveth other (spare) telephone number. 26: Thirteenth other (spare) telephone number. 27: Fourteenth other (spare) telephone number. 28: Fifteenth other (spare) telephone number. 29: Sixteenth other (spare) telephone number. 3: Primary home telephone number. 30: Seventeenth other (spare) telephone number. 31: Eighteenth other (spare) telephone number. 32: Nineteenth other (spare) telephone number. 33: Twentieth other (spare) telephone number. 4: Secondary home telephone number. 5: Primary mobile (cell) telephone number. 6: Secondary mobile (cell) telephone number. 7: Primary work (business or office) fax delivery telephone number. 8: Secondary work (business or office) fax delivery telephone number. 9: Home fax delivery telephone number.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalContactPhone , vw_PersonalContactPhoneNumber
Primary Key:	True
Allow Null:	False
Default Value:	3
Custom Type:	PhoneType

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SearchablePhoneNumber

Property Name	Value
Description:	Phone number without formatting or any dial codes. A basic form suitable for searching on.
Notes:	If PhoneNumber is not specified, the stored procedures will generate SearchablePhoneNumber by stripping out spaces and the following formatting characters: -()#*+.,
Business Rules:	
Developer Notes:	NULL is allowed for upgrade purposes.
Occurrences In Views:	vw_PersonalContactPhone , vw_PersonalContactPhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #_\.\@,; + \% ? \(\) ~\!&=\\\$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.68. tbl_PersonalDestination

A personal device for any Cisco Unity Connection subscriber at which a subscriber can be reached after applying personal call routing rules. For example, a subscriber's home phone, cell phone or pager can be a personal destination.

Additional Information

These "one-off" destinations are used for subscriber personal call routing rules.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestination object.	ObjectID
	CallPickupTimeout	int (4 bytes)	True	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.	
	DetectTransferLoop	smallint (2 bytes)	False	A flag indicating whether Unity can do a loop detect transfer to this device.	Bool
	Name	nvarchar (64 characters)	False	The unique text name of the personal destination to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.	DisplayName
	PhoneNumber	nvarchar (40 characters)	False	The phone number of the destination.	PhoneNumberE123
FK	SubscriberObjectId	char (36 characters)	False	The unique identifier of the Subscriber object to which this destination belongs.	ObjectID
	TransmitForcedAuthorizationCode	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should transmit a Forced Authorization Code (FAC) to Cisco Unified Communications Manager after this number is dialed during an outbound call.	Bool

Table Keys

CK_tbl_PersonalDestination_Name_SubscriberObjectId

Property Name	Value
Description:	Uniquely identifies the name of a personal destination for each subscriber.

Property Name	Value
Type:	Candidate
Column(s):	Name , SubscriberObjectId
Clustered?	False
Constraint Error String:	Duplicate personal destination name for this user.

PK_tbl_PersonalDestination

Property Name	Value
Description:	Uniquely identifies a personal destination in this table and exclusively represents this personal destination throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate personal destination. A personal destination with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_PersonalDestination.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PersonalDestination.

Table Relationships (Foreign Keys)

tbl_PersonalDestination has the following relationships with other tables:

tbl_PersonalDestination.SubscriberObjectId (1..*) ----- (1..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalDestination_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each personal destination must belong to a subscriber. Each subscriber must be assigned one or more personal destinations. For each subscriber, a personal destination matching the subscriber's extension is created by default.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalDestination and tbl_UserSubscriber linked by the foreign key SubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to either delete a user who is the owner of this destination for a personal transfer rule or to designate a nonexistent user as the owner of this destination for a personal transfer rule.

Additional relationships with tbl_PersonalDestination are defined in the following tables:

[tbl_PersonalDestinationGroupItem](#)

[tbl_PersonalRule](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PersonalDestination:

Name	Object Type	Description
vw_PersonalDestination	View	A simple view for tbl_PersonalDestination.
csp_PersonalDestinationCreate	Stored Procedure	Creates a new PersonalDestination object for a user by inserting a new row into tbl_PersonalDestination.
csp_PersonalDestinationDelete	Stored Procedure	Deletes a PersonalDestination object from tbl_PersonalDestination as specified by the @ObjectId parameter.
csp_PersonalDestinationModify	Stored Procedure	Updates the attributes of a PersonalDestination object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalDestination object that is updated.

Table Triggers

No triggers are specified for tbl_PersonalDestination.

Column Properties

CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalDestination
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

DetectTransferLoop

Property Name	Value
Description:	A flag indicating whether Unity can do a loop detect transfer to this device.
Notes:	Values 0: Loop detect transfers to this device are NOTallowed 1: Loop detect transfers are allowed to this device
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalDestination
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Name

Property Name	Value
Description:	The unique text name of the personal destination to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.

Property Name	Value
Notes:	The text name of a personal destination must be unique for a subscriber.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalDestination
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestination object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_PersonalDestination
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number of the destination.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalDestination
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this destination belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalDestination
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should transmit a Forced Authorization Code (FAC) to Cisco Unified Communications Manager after this number is dialed during an outbound call.
Notes:	<p>An FAC is used to restrict access to a dialed number; normally as added security to prevent toll fraud. When a FAC is required, users must enter an authorization code to reach the intended recipient of the call.</p> <p>Values: 0: Do not transmit FAC 1: Transmit FAC</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalDestination
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.69. tbl_PersonalDestinationGroup

A group of personal destinations. Personal destinations can be grouped into one or more personal destination groups. A call can be routed to a personal destination group and thereby a call can be transferred to any of the destinations included in that group.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroup object.	ObjectID
	Name	nvarchar (64 characters)	False	The unique text name of the personal destination group to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.	DisplayName
FK	SubscriberObjectId	char (36 characters)	False	The unique identifier of the Subscriber object to which this personal destination group belongs.	ObjectID

Table Keys

CK_tbl_PersonalDestinationGroup_Name_SubscriberObjectId

Property Name	Value
Description:	Uniquely identifies the name of a personal destination group for each subscriber.
Type:	Candidate
Column(s):	Name , SubscriberObjectId
Clustered?	False
Constraint Error String:	Duplicate personal destination group name for this user.

PK_tbl_PersonalDestinationGroup

Property Name	Value
Description:	Uniquely identifies a personal destination group in this table and exclusively represents this personal destination group throughout the database.
Type:	Primary

Property Name	Value
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate personal destination group. A personal destination group with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_PersonalDestinationGroup.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PersonalDestinationGroup.

Table Relationships (Foreign Keys)

tbl_PersonalDestinationGroup has the following relationships with other tables:

tbl_PersonalDestinationGroup.SubscriberObjectId (0..*) -----(1..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalDestinationGroup_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each personal destination group must belong to one subscriber. Each subscriber may own one or more personal destination groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalDestinationGroup and tbl_UserSubscriber linked by the foreign key Subscriber-ObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a user who is the owner of this destination group for a personal transfer rule or to designate a nonexistent user as the owner of this destination group for a personal transfer rule.

Additional relationships with tbl_PersonalDestinationGroup are defined in the following tables:

[tbl_PersonalDestinationGroupItem](#)

[tbl_PersonalRule](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PersonalDestinationGroup:

Name	Object Type	Description
vw_PersonalDestinationGroup	View	A simple view for tbl_PersonalDestinationGroup.
vw_PersonalDestinationGroupItemDetail	View	A view for tbl_PersonalDestinationGroupItem plus some columns from tbl_PersonalDestinationGroup.
csp_PersonalDestinationGroupCreate	Stored Procedure	Creates a new PersonalDestinationGroup object for a user by inserting a new row into tbl_PersonalDestinationGroup.
csp_PersonalDestinationGroupDelete	Stored Procedure	Deletes a PersonalDestinationGroup object from tbl_PersonalDestinationGroup as specified by the @ObjectId parameter.
csp_PersonalDestinationGroupModify	Stored Procedure	Updates the attributes of a PersonalDestinationGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalDestinationGroup object that is updated.

Table Triggers

No triggers are specified for tbl_PersonalDestinationGroup.

Column Properties

Name

Property Name	Value
Description:	The unique text name of the personal destination group to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Notes:	The name must be unique for a subscriber.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalDestinationGroup , vw_PersonalDestinationGroupItemDetail
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_PersonalDestinationGroup
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this personal destination group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalDestinationGroup , vw_PersonalDestinationGroupItemDetail
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

3.70. tbl_PersonalDestinationGroupItem

A destination that is a member of a PersonalDestinationGroup.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.	ObjectID
FK	DestDtmfAccessIdObjectId	char (36 characters)	True	The destination for this personal rule. If the destination is a DtmfAccessId, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId. Otherwise, this attribute is set to NULL.	ObjectID
FK	DestNotificationDeviceObjectId	char (36 characters)	True	The destination for this personal rule. If the destination is a notification device, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice. Otherwise, this attribute is set to NULL.	ObjectID
FK	DestPersonalDestinationObjectId	char (36 characters)	True	The destination for this personal rule. If the destination is another personal destination object, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination. Otherwise, this attribute is set to NULL.	ObjectID
FK	DestPhoneNumberObjectId	char (36 characters)	True	The destination for this personal rule. If the destination is a phone number, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber. Otherwise, this attribute is set to NULL.	ObjectID
	ItemIndex	smallint (2 bytes)	False	The order in which the destinations in a group will be used. The order is from the lowest number to the highest.	
FK	PersonalDestinationGroupObjectId	char (36 characters)	False	The unique identifier of the PersonalDestinationGroup to which this member belongs.	ObjectID

Table Keys

CK_tbl_PersonalDestinationGroupItem_ItemIndex_PersonalDestinationGroupObjectId

Property Name	Value
Description:	Uniquely identifies a personal destination group item within each personal destination group.
Type:	Candidate
Column(s):	ItemIndex , PersonalDestinationGroupObjectId
Clustered?	False
Constraint Error String:	The order of personal destination group items is invalid. Items belonging to a personal destination group must be in sequential numeric order.

PK_tbl_PersonalDestinationGroupItem

Property Name	Value
Description:	Uniquely identifies a personal destination group item in this table and exclusively represents this personal destination group item throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate personal destination group item. A personal destination group item with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_PersonalDestinationGroupItem.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PersonalDestinationGroupItem.

Table Relationships (Foreign Keys)

tbl_PersonalDestinationGroupItem has the following relationships with other tables:

tbl_PersonalDestinationGroupItem.DestDtmfAccessIdObjectId_(0..*)-----^(0..1)tbl_DtmfAccessId.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalDestinationGroupItem_DestDtmfAccessIdObjectId_tbl_DtmfAccessId_ObjectId
Description:	Each personal destination group item may have one DtmfAccessId as its destination. Each DtmfAccessId may be the destination for one or more personal destination groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalDestinationGroupItem and tbl_DtmfAccessId linked by the foreign key DestDtmfAccessIdObjectId.

Property Name	Value
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a extension that is defined as a destination in this destination group or to assign a nonexistent extension as a destination in this destination group.

tbl_PersonalDestinationGroupItem.DestNotificationDeviceObjectId_(0..*)-----^(0..1)tbl_NotificationDevice.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalDestinationGroupItem_DestNotificationDeviceObjectId_tbl_NotificationDevice_ObjectId
Description:	Each personal destination group item may have one notification device as its destination. Each notification device may be the destination for one or more personal destination groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalDestinationGroupItem and tbl_NotificationDevice linked by the foreign key DestNotificationDeviceObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a notification device that is defined as a destination in this destination group or to assign a nonexistent notification device as a destination in this destination group.

tbl_PersonalDestinationGroupItem.DestPersonalDestinationObjectId_(0..*)-----^(0..1)tbl_PersonalDestination.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalDestinationGroupItem_DestPersonalDestinationObjectId_tbl_PersonalDestination_ObjectId
Description:	Each personal destination group item may have another personal destination as its destination. Each personal destination may be the destination for one or more other personal destination groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalDestinationGroupItem and tbl_PersonalDestination linked by the foreign key DestPersonalDestinationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.

Property Name	Value
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a destination that is defined as a destination in this destination group or to assign a nonexistent destination as a destination in this destination group.

tbl_PersonalDestinationGroupItem.DestPhoneNumberObjectId (0..*) ----- (0..1) tbl_PhoneNumber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalDestinationGroupItem_DestPhoneNumberObjectId_tbl_PhoneNumber_ObjectId
Description:	Each personal destination group item may have one phone number as its destination. Each phone number may be the destination for one or more personal destination groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalDestinationGroupItem and tbl_PhoneNumber linked by the foreign key Dest-PhoneNumberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a phone number device that is defined as a destination in this destination group or to assign a nonexistent phone number as a destination in this destination group.

tbl_PersonalDestinationGroupItem.PersonalDestinationGroupObjectId (0..*) ----- (1..1) tbl_PersonalDestinationGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalDestinationGroupItem_PersonalDestinationGroupObjectId_tbl_PersonalDestinationGroup_ObjectId
Description:	Each personal destination group item must belong to a personal destination group. Each personal destination group may own one or more personal destination group items.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalDestinationGroupItem and tbl_PersonalDestinationGroup linked by the foreign key PersonalDestinationGroupObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.

Property Name	Value
Notes:	When the personal destination group is deleted, the FK Cascade Delete constraint will ensure that the corresponding personal destination group item is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this personal group item to a nonexistent destination group.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PersonalDestinationGroupItem:

Name	Object Type	Description
vw_PersonalDestinationGroupItem	View	A simple view for tbl_PersonalDestinationGroupItem.
vw_PersonalDestinationGroupItemDetail	View	A view for tbl_PersonalDestinationGroupItem plus some columns from tbl_PersonalDestinationGroup.
csp_PersonalDestinationGroupItemCreate	Stored Procedure	Creates a new PersonalDestinationGroupItem object by inserting a new row into tbl_PersonalDestinationGroupItem.
csp_PersonalDestinationGroupItemDelete	Stored Procedure	Deletes a PersonalDestinationGroupItem object from tbl_PersonalDestinationGroupItem as specified by the @ObjectId parameter.
csp_PersonalDestinationGroupItemModify	Stored Procedure	Updates the attributes of a PersonalDestinationGroupItem object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalDestinationGroupItem object that is updated.

Table Triggers

No triggers are specified for tbl_PersonalDestinationGroupItem.

Column Properties

DestDtmfAccessIdObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a DtmfAccessId, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Occurrences In Views:	vw_PersonalDestinationGroupItemDetail , vw_PersonalDestinationGroupItem

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestNotificationDeviceObjectid

Property Name	Value
Description:	The destination for this personal rule. If the destination is a notification device, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*Objectid column should contain a non-null value. All other Dest*Objectid columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Occurrences In Views:	vw_PersonalDestinationGroupItemDetail , vw_PersonalDestinationGroupItem
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPersonalDestinationObjectid

Property Name	Value
Description:	The destination for this personal rule. If the destination is another personal destination object, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Occurrences In Views:	vw_PersonalDestinationGroupItemDetail , vw_PersonalDestinationGroupItem
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPhoneNumberObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a phone number, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Occurrences In Views:	vw_PersonalDestinationGroupItemDetail , vw_PersonalDestinationGroupItem
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ItemIndex

Property Name	Value
Description:	The order in which the destinations in a group will be used. The order is from the lowest number to the highest.
Notes:	
Business Rules:	
Developer Notes:	No default value - required parameter.
Occurrences In Views:	vw_PersonalDestinationGroupItemDetail , vw_PersonalDestinationGroupItem
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectID

Property Name	Value
Description:	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalDestinationGroupItemDetail , vw_PersonalDestinationGroupItem
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalDestinationGroupObjectID

Property Name	Value
Description:	The unique identifier of the PersonalDestinationGroup to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalDestinationGroupItemDetail , vw_PersonalDestinationGroupItem
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.71. tbl_PersonalGroup

A group containing Cisco Unity Connection users, contacts, personal contacts, distribution lists, or other personal groups belonging to a user. The PersonalGroup serves two primary purposes:

1. A way to organize names and contact information such as phone numbers and e-mail address of personal contacts (i.e., Personal Address Book). Used in Personal Call Routing Rules to identify callers. This group can contain members from a subscriber's Personal Address Book or anyone from Unity directory. A subscriber can have a rule such as "If the call is from Caller Group X, route the call to.." In the UI, this type of group is referred to as "Caller Groups."
2. A personal voice mail distribution list (i.e., "Private List") for a subscriber. Similar to Private Distribution Lists in Unity 4.0(x). This type of PersonalGroup contains only addressable entities such as Unity Connection subscribers and contacts.

Additional Information

The information contained in this table and associated tables is used for incoming call routing as well as message addressing.

In Unity 4.x, data associated with personal distribution lists was stored in the PersonalDList table.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.	ObjectId
	DisplayName	nvarchar (64 characters)	False	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfName	varchar (16 characters)	True	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the group name. These digits would need to be dialed to address a message to this group via the phone.	DtmfName
	IsVoiceMailList	smallint (2 bytes)	False	A flag indicating whether this a voice mail distribution list.	Bool
	NumericId	nvarchar (4 characters)	True	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group,	
FK	StreamFileObjectId	char (36 characters)	True	The unique identifier of the StreamFile object that references the recorded voice name for this personal group.	ObjectId
FK	UserObjectId	char (36 characters)	False	The unique identifier of the User object to which this group belongs.	ObjectId

Table Keys

CK_tbl_PersonalGroup_DisplayName_IsVoiceMailList_UserObjectId

Property Name	Value
Description:	Uniquely identifies the name of a personal voice mail list for each subscriber.
Type:	Candidate
Column(s):	DisplayName , IsVoiceMailList , UserObjectId
Clustered?	False
Constraint Error String:	Duplicate private list name.

PK_tbl_PersonalGroup

Property Name	Value
Description:	Uniquely identifies a personal group in this table and exclusively represents this group throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate caller group or private list. A caller group or private list with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_PersonalGroup.

Table Ad-Hoc Constraints**NumericId_IsVoiceMailList_Check**

Property Name	Value
Description:	If IsVoiceMailList = 0, NumericId should be NULL If IsVoiceMailList = 1, NumericId should be non-NULL
Notes:	
Developer Notes:	
Business Rules:	
Constraint Error String:	The List ID of this private list or caller group is invalid.

Table Relationships (Foreign Keys)

tbl_PersonalGroup has the following relationships with other tables:

tbl_PersonalGroup.ObjectId (0..*) ----- (1..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalGroup_UserObjectId_tbl_User_ObjectId
Description:	Each personal group must belong to one user. Each user may own one ore more personal groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalGroup and tbl_User linked by the foreign key UserObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the user to whom this caller group or private list belongs; or to assign this caller group or private list to a nonexistent user.

tbl_PersonalGroup.StreamFileObjectId_(1..1)-----^(0..1)tbl_StreamFile.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalGroup_StreamFileObjectId_tbl_StreamFile_ObjectId
Description:	Each personal group may have one voice name. Each voice name must apply to one personal group.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalGroup and tbl_StreamFile linked by the foreign key StreamFileObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the stream file that has the name of the audio file containing the recorded voice name for this caller group or private list; or to assign this caller group or private list to a nonexistent stream file.

Additional relationships with tbl_PersonalGroup are defined in the following tables:

[tbl_PersonalGroupMember](#)

[tbl_PersonalGroupMember](#)

[tbl_PersonalRuleCaller](#)

[tbl_Alias](#)

tbl_AlternateName

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PersonalGroup:

Name	Object Type	Description
vw_CallerGroup	View	A grouping of callers for use in personal rules. A caller is identified by ANI/CallerId, and can be a personal contact, another subscriber, a contact or another personal group.
vw_PersonalGroup	View	A view of tbl_PersonalGroup.
vw_PersonalGroupMemberDetail	View	A view for tbl_PersonalGroupMember and associated Alias.
vw_PersonalVoiceMailList	View	A view of tbl_PersonalGroup that is flagged as a personal voice mail list. In the UI this is referred to as a "Private List." Similar to Private Distribution Lists in Unity 4.0(x), this type of group contains only addressable entities such as other Unity Connection subscribers or contacts.
csp_CallerGroupCreate	Stored Procedure	Creates a new caller group by executing csp_PersonalGroupCreate, which inserts a new row into tbl_PersonalGroup.
csp_CallerGroupDelete	Stored Procedure	Deletes a caller group by executing csp_PersonalGroupDelete, which deletes the PersonalGroup object from tbl_PersonalGroup as specified by the @ObjectId parameter.
csp_CallerGroupMemberDelete	Stored Procedure	Removes a member from a caller group by executing csp_PersonalGroupMemberDelete, which deletes a PersonalGroupMember object from tbl_PersonalGroupMember as specified by the @ObjectId parameter.
csp_CallerGroupModify	Stored Procedure	Updates the properties of a caller group by executing csp_PersonalGroupModify, which updates the attributes of a PersonalGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.
csp_PersonalGroupCreate	Stored Procedure	Creates a new PersonalGroup object for a user by inserting a new row into tbl_PersonalGroup. A PersonalGroup can contain users, personal contacts, other personal groups, and even distribution lists. To create a "personal voicemail list," use csp_PersonalVoiceMailListCreate.
csp_PersonalGroupDelete	Stored Procedure	Deletes a PersonalGroup object from tbl_PersonalGroup as specified by the @ObjectId parameter.
csp_PersonalGroupModify	Stored Procedure	Updates the attributes of a PersonalGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.
csp_PersonalVoiceMailListCreate	Stored Procedure	Creates a new personal voicemail list for a user by inserting a new row into tbl_PersonalGroup. A "personal voicemail list" is a personal group that contains only Cisco Unity Connection subscribers ("IsVoiceMailList" == 1). It is used for addressing messages, either via the TUI or CPCA.
csp_PersonalVoiceMailListDelete	Stored Procedure	Deletes a PersonalGroup object from tbl_PersonalGroup as specified by the @ObjectId parameter.
csp_PersonalVoiceMailListModify	Stored Procedure	Updates the attributes of a personal voicemail list (PersonalGroup object) based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.

Table Triggers

No triggers are specified for tbl_PersonalGroup.

Column Properties

DisplayName

Property Name	Value
Description:	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	The displayname must be unique within a type (CallerGroup and PersonalVoiceMailList) for a given subscriber.
Occurrences In Views:	vw_PersonalGroup , vw_PersonalVoiceMailList , vw_CallerGroup , vw_PersonalGroupMemberDetail
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfName

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the group name. These digits would need to be dialed to address a message to this group via the phone.
Notes:	
Business Rules:	When the display name of a group is changed in this table, the value of the DtmfName column is automatically recalculated.
Developer Notes:	
Occurrences In Views:	vw_PersonalGroup , vw_PersonalVoiceMailList

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsVoiceMailList

Property Name	Value
Description:	A flag indicating whether this a voice mail distribution list.
Notes:	<p>Voice mail distribution lists are restricted to addressable entities to avoid or reduce NDR problems.</p> <p>Values: 0: This personal group is not a voice mail distribution list. 1: This personal group is a voice mail distribution list.</p>
Business Rules:	
Developer Notes:	This flag also determines where in the UI this list is managed, since PersonalGroups are used without this for setting up caller rules, it allows the UI to present a simplified list of voice mail distribution lists for a subscriber.
Occurrences In Views:	vw_PersonalGroup
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NumericId

Property Name	Value
Description:	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group.
Notes:	From conversations, the "personal voicemail lists" are referenced by number, so this is essentially an index.
Business Rules:	
Developer Notes:	NULL is allowed so this can also be used as a caller group (not personal voicemail list).
Occurrences In Views:	vw_PersonalGroup , vw_PersonalVoiceMailList
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (4 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	4 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_PersonalGroup , vw_PersonalVoiceMailList , vw_CallerGroup
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that references the recorded voice name for this personal group.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallerGroup , vw_PersonalGroup , vw_PersonalGroupMemberDetail , vw_PersonalVoiceMailList
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.72. tbl_PersonalGroupMember

A member of a personal group. A member can be a user, personal contact, distribution list, or another personal group.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.	ObjectId
FK	MemberContactObjectId	char (36 characters)	True	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.	ObjectId
FK	MemberDistributionListObjectId	char (36 characters)	True	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set ot NULL.	ObjectId
FK	MemberPersonalContactObjectId	char (36 characters)	True	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set ot NULL.	ObjectId
FK	MemberPersonalGroupObjectId	char (36 characters)	True	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set ot NULL.	ObjectId
FK	MemberUserObjectId	char (36 characters)	True	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set ot NULL.	ObjectId
FK	PersonalGroupObjectId	char (36 characters)	False	The unique identifier of the PersonalGroup object to which this member belongs.	ObjectId

Table Keys

CK_tbl_PersonalGroupMember_MemberContactObjectId_MemberDistributionListObjectId_MemberPersonalContactObjectId_MemberPersonalGroupObjectId_MemberUserObjectId_PersonalGroupObjectId

Property Name	Value
Description:	Uniquely identifies a member of a personal group.
Type:	Candidate
Column(s):	MemberContactObjectId , MemberDistributionListObjectId , MemberPersonalContactObjectId , MemberPersonalGroupObjectId , MemberUserObjectId , PersonalGroupObjectId
Clustered?	False
Constraint Error String:	Duplicate member for this caller group or private list. That user, distribution list, personal contact, system contact, or personal group is already a member of the caller group or private list.

PK_tbl_PersonalGroupMember

Property Name	Value
Description:	Uniquely identifies a member in this table and exclusively represents this member throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate member for this caller group or private list. A caller group member or a private list member with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_PersonalGroupMember.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PersonalGroupMember.

Table Relationships (Foreign Keys)

tbl_PersonalGroupMember has the following relationships with other tables:

tbl_PersonalGroupMember.MemberContactObjectId (0..*)-----^(0..1) tbl_Contact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalGroupMember_MemberContactObjectId_tbl_Contact_ObjectId
Description:	Each personal group member may be one contact. Each contact may be designated as a member of one or more personal groups.

Property Name	Value
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalGroupMember and tbl_Contact linked by the foreign key MemberContactObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a contact who is a member of this caller group or private list; or to assign this caller group or private list to a nonexistent contact.

tbl_PersonalGroupMember.MemberDistributionListObjectId (0..*) ----- (0..1) tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalGroupMember_MemberDistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Each personal group member may be one distribution list. Each distribution list may be designated as a member of one or more personal groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalGroupMember and tbl_DistributionList linked by the foreign key MemberDistributionListObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the distribution list is deleted, the FK Cascade Delete constraint will ensure that the corresponding personal group member is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a distribution list who is a member of this caller group or private list; or to assign this caller group or private list to a nonexistent distribution list.

tbl_PersonalGroupMember.MemberPersonalContactObjectId (0..*) ----- (0..1) tbl_PersonalContact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalGroupMember_MemberPersonalContactObjectId_tbl_PersonalContact_ObjectId
Description:	Each personal group member may be one personal contact. Each personal contact may be designated as a member of one or more personal groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalGroupMember and tbl_PersonalContact linked by the foreign key MemberPersonalContactObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.

Property Name	Value
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a personal contact whom is a member of this caller group or private list; or to assign this caller group or private list to a nonexistent personal contact.

tbl_PersonalGroupMember.MemberPersonalGroupId (0..*) ----- (0..1) tbl_PersonalGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalGroupMember_MemberPersonalGroupId_tbl_PersonalGroup_ObjectId
Description:	Each personal group member may be another personal group. Each personal group may be designated as a member of one or more other personal groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalGroupMember and tbl_PersonalGroup linked by the foreign key MemberPersonalGroupId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the personal group is deleted, the FK Cascade Delete constraint will ensure that the corresponding personal group member is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this caller group or private list to a nonexistent caller group or private list.

tbl_PersonalGroupMember.MemberUserId (0..*) ----- (0..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalGroupMember_MemberUserId_tbl_User_ObjectId
Description:	Each personal group member may be one user. Each user may be designated as a member of one or more personal groups.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalGroupMember and tbl_User linked by the foreign key MemberUserId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to either delete a user who is a member of this caller group or private list; or to assign this caller group or private list to a nonexistent user.

tbl_PersonalGroupMember.PersonalGroupObjectId (0..*) ----- (1..1) tbl_PersonalGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalGroupMember_PersonalGroupObjectId_tbl_PersonalGroup_ObjectId
Description:	Each personal group member must belong to one personal group. Each personal group may have one or more personal group members.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalGroupMember and tbl_PersonalGroup linked by the foreign key PersonalGroupObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the caller group or private list to which this member belongs; or to assign this caller group or private list to a nonexistent caller group or private list.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PersonalGroupMember:

Name	Object Type	Description
vw_CallerGroupMember	View	A member of a caller group. Members can be another personal group, a user, a personal contact or a contact.
vw_PersonalGroupMember	View	A simple view for tbl_PersonalGroupMember.
vw_PersonalGroupMemberDetail	View	A view for tbl_PersonalGroupMember and associated Alias.
vw_PersonalVoiceMailListMember	View	Contains the members of a personal voicemail list. Members can be either a subscriber, a system distribution list or another personal voicemail list.
vw_PersonalVoiceMailListMemberDisplay	View	A list of personal voice mail list members including the display name of the member.
csp_CallerGroupMemberCreate	Stored Procedure	Adds a new member (user, personal contact, or another personal group) to a caller group by executing csp_PersonalGroupMemberCreate, which inserts a new row into tbl_PersonalGroupMember.
csp_PersonalGroupMemberCreate	Stored Procedure	Adds a new member (user, personal contact, distribution list, or another personal group) by inserting a new row into tbl_PersonalGroupMember.
csp_PersonalGroupMemberDelete	Stored Procedure	Deletes a PersonalGroupMember object from tbl_PersonalGroupMember as specified by the @ObjectId parameter.

Name	Object Type	Description
csp_PersonalVoiceMailListMemberCreate	Stored Procedure	Adds a member (subscriber, distribution list, or another personal voicemail list) to a personal voicemail list by inserting a new row into tbl_PersonalGroupMember.
csp_PersonalVoiceMailListMemberDelete	Stored Procedure	Deletes a personal voicemail list member (PersonalGroupMember object) specified by the @ObjectId parameter from tbl_PersonalGroupMember.

Table Triggers

No triggers are specified for tbl_PersonalGroupMember.

Column Properties

MemberContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalGroupMemberDetail , vw_PersonalGroupMember , vw_PersonalVoiceMailListMember , vw_PersonalVoiceMailListMemberDisplay , vw_CallerGroupMember
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberDistributionListObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalGroupMemberDetail , vw_PersonalGroupMember , vw_PersonalVoiceMailListMember , vw_PersonalVoiceMailListMemberDisplay
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberPersonalContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalGroupMemberDetail , vw_PersonalGroupMember , vw_CallerGroupMember
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberPersonalGroupObjectId

Property Name	Value
Description:	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallerGroupMember , vw_PersonalGroupMemberDetail , vw_PersonalGroupMember , vw_PersonalVoiceMailListMember , vw_PersonalVoiceMailListMemberDisplay
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberUserObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalVoiceMailListMember , vw_PersonalVoiceMailListMemberDisplay , vw_CallerGroupMember , vw_PersonalGroupMemberDetail , vw_PersonalGroupMember
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Objectid

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalGroupMemberDetail , vw_PersonalGroupMember , vw_PersonalVoiceMailListMember , vw_PersonalVoiceMailListMemberDisplay , vw_CallerGroupMember
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalGroupObjectid

Property Name	Value
Description:	The unique identifier of the PersonalGroup object to which this member belongs.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CallerGroupMember , vw_PersonalGroupMemberDetail , vw_PersonalGroupMember , vw_PersonalVoiceMailListMember , vw_PersonalVoiceMailListMemberDisplay
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.73. tbl_PersonalRule

A call routing rule this is applied for a subscriber after Cisco Unity Connection answers the call. Commonly referred to as the "personal call routing rules" feature.

Additional Information

A PersonalRule works by using ANI or CallerID to help identify the incoming caller, and then based on who is calling the rule may specify what to do with the call. The rule specifies a series of phone numbers or devices to try in order using what is called a destination. This destination may be one of several things: the subscriber's extension, an existing NotificationDevice for the subscriber (so that we can take advantage of a Subscriber's pager or SMS device), another subscriber, one of a subscriber's phone numbers (as defined here: PhoneNumber), or a one-off phone number (PersonalDestination).

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.	ObjectID
	AlwaysTriggerPage	smallint (2 bytes)	False	A flag indicating whether the rule should always trigger a pager notification device associated with this rule.	Bool
	ClientMatterCode	varchar (40 characters)	True	The client matter code (CMC) to transmit to Cisco Unified Communications Manager when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign accounting or billing codes to the call.	ClientMatter-Code
FK	DestCallActionObject-Id	char (36 characters)	True	The unique identifier of the CallAction object used to route the call.	ObjectID
FK	DestDtmfAccessIdObject-Id	char (36 characters)	True	The destination (DtmfAccessId) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId.	ObjectID
FK	DestNotificationDeviceObject-Id	char (36 characters)	True	The destination (NotificationDevice) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice.	ObjectID

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
FK	DestPersonalDestinationGroupObjectId	char (36 characters)	True	The destination (PersonalDestinationGroup) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestinationGroup object in tbl_PersonalDestinationGroup.	ObjectID
FK	DestPersonalDestinationObjectId	char (36 characters)	True	The destination (PersonalDestination) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination.	ObjectID
FK	DestPhoneNumberObjectId	char (36 characters)	True	The destination (PhoneNumber) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber.	ObjectID
	InMeeting	smallint (2 bytes)	False	A flag indicating whether the rule is triggered depending on whether the subscriber is in a meeting or not.	RuleMeeting-Condition
	IsInclusive	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should AND or OR the different types of rules defined in tbl_PersonalRuleCaller for a subscriber.	RuleCallerInclusiveCondition
	IsInternal	smallint (2 bytes)	False	A flag indicating whether the rule should trigger based on whether the caller is internal or external.	RuleCallerInternalCondition
FK	PersonalRuleSetObjectId	char (36 characters)	False	The unique identifier of the PersonalRuleSet object to which this personal rule belongs.	ObjectID
	RingAllDestinationsAtOnce	smallint (2 bytes)	False	A flag indicating whether all rule destinations should be dialed simultaneously or sequentially.	Bool
	RuleIndex	smallint (2 bytes)	False	The order in which rules within a rule set are executed.	
	ScreenCall	smallint (2 bytes)	False	A flag indicating whether the incoming call should be screened.	Bool
FK	SubscriberObjectId	char (36 characters)	False	The unique identifier of the Subscriber object to which this rule belongs.	ObjectID
	TimeRangeEnd	int (4 bytes)	True	The end time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.	
	TimeRangeIndicatesActiveHours	int (4 bytes)	False	The definition for how a time range should be utilized.	Personal-RuleTimeRangeType
	TimeRangeStart	int (4 bytes)	True	The start time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.	

Table Keys

CK_tbl_PersonalRule_PersonalRuleSetObjectId_RuleIndex

Property Name	Value
Description:	Uniquely identifies a ruleindex within a personal rule set.
Type:	Candidate
Column(s):	PersonalRuleSetObjectId , RuleIndex
Clustered?	False
Constraint Error String:	Duplicate personal rule index.

PK_tbl_PersonalRule

Property Name	Value
Description:	Uniquely identifies a personal rule in this table and exclusively represents this personal rule throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate personal rule. A personal rule with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_PersonalRule.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PersonalRule.

Table Relationships (Foreign Keys)

tbl_PersonalRule has the following relationships with other tables:

tbl_PersonalRule.DestCallActionObjectId _(0..*)-----^(0..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRule_DestCallActionObjectId_tbl_CallAction_ObjectId
Description:	Each personal rule may designate one call action as its destination. Each call action may be the destination for one or more personal rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRule and tbl_CallAction linked by the foreign key DestCallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call action that is the destination for this personal call transfer rule or to assign a nonexistent call action as the destination for this personal call transfer rule.

tbl_PersonalRule.DestDtmfAccessIdObjectId (0..*)-----^(0..1)tbl_DtmfAccessId.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRule_DestDtmfAccessIdObjectId_tbl_DtmfAccessId_ObjectId
Description:	Each personal rule may designate one DtmfAccessID as its destination. Each DtmfAccessId may be the destination for one or more personal rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRule and tbl_DtmfAccessId linked by the foreign key DestDtmfAccessIdObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a extension that is the destination for this personal call transfer rule or to assign a nonexistent extension as the destination for this personal call transfer rule.

tbl_PersonalRule.DestNotificationDeviceObjectId (0..*)-----^(0..1)tbl_NotificationDevice.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRule_DestNotificationDeviceObjectId_tbl_NotificationDevice_ObjectId
Description:	Each personal rule may designate one notification device as its destination. Each notification device may be the destination for one or more personal rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRule and tbl_NotificationDevice linked by the foreign key DestNotificationDeviceObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to either delete a notification device that is the destination for this personal call transfer rule or to assign a nonexistent notification device as the destination for this personal call transfer rule.

tbl_PersonalRule.DestPersonalDestinationObjectId (0..*) ----- (0..1) tbl_PersonalDestination.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRule_DestPersonalDestinationObjectId_tbl_PersonalDestination_ObjectId
Description:	Each personal rule may designate one personal destination as its destination. Each personal destination may be the destination for one or more personal rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRule and tbl_PersonalDestination linked by the foreign key DestPersonalDestinationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete another destination that is the destination for this personal call transfer rule or to assign a nonexistent destination as the destination for personal call transfer rule.

tbl_PersonalRule.DestPersonalDestinationGroupObjectId (0..*) ----- (0..1) tbl_PersonalDestinationGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRule_DestPersonalDestinationGroupObjectId_tbl_PersonalDestinationGroup_ObjectId
Description:	Each personal rule may designate one personal destination group as its destination. Each personal destination group may be the destination for one or more personal rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRule and tbl_PersonalDestinationGroup linked by the foreign key DestPersonalDestinationGroupObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a destination group that is the destination for this personal call transfer rule or to assign a nonexistent caller group as the destination for this personal call transfer rule.

tbl_PersonalRule.DestPhoneNumberObjectId (0..*)----- (0..1) tbl_PhoneNumber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRule_DestPhoneNumberObjectId_tbl_PhoneNumber_ObjectId
Description:	Each personal rule may designate one phone number as its destination. Each phone number may be the destination for one or more personal rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRule and tbl_PhoneNumber linked by the foreign key DestPhoneNumberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a phone number that is the destination for this personal call transfer rule or to assign a nonexistent phone number as the destination for this personal call transfer rule.

tbl_PersonalRule.SubscriberObjectId (0..*)----- (1..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRule_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each personal rule must belong to one subscriber. Each subscriber may own one or more personal rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRule and tbl_UserSubscriber linked by the foreign key SubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the user to which this personal call transfer rule belongs or to assign a nonexistent user as the owner of this personal call transfer rule.

tbl_PersonalRule.PersonalRuleSetObjectId (0..*)----- (1..1) tbl_PersonalRuleSet.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRule_PersonalRuleSetObjectId_tbl_PersonalRuleSet_ObjectId
Description:	Each personal rule applies to one personal rule set. Each personal rule set may be comprised of one or more personal rules.

Property Name	Value
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRule and tbl_PersonalRuleSet linked by the foreign key PersonalRuleSetObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the personal rule set is deleted, the FK Cascade Delete constraint will ensure that the corresponding personal rule is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this personal call transfer rule to a nonexistent personal call transfer rule set.

Additional relationships with tbl_PersonalRule are defined in the following tables:

[tbl_PersonalRuleCaller](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PersonalRule:

Name	Object Type	Description
vw_PersonalRule	View	A simple view for tbl_PersonalRule.
vw_PersonalRuleDetail	View	A view for tbl_PersonalRule with a few columns from tbl_PersonalRuleSet.
csp_PersonalRuleCreate	Stored Procedure	Creates a new PersonalRule object for a subscriber by inserting a new row into tbl_PersonalRule.
csp_PersonalRuleDelete	Stored Procedure	Deletes a PersonalRule object from tbl_PersonalRule as specified by the @ObjectId parameter.
csp_PersonalRuleModify	Stored Procedure	Updates the attributes of a PersonalRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalRule object that is updated.

Table Triggers

No triggers are specified for tbl_PersonalRule.

Column Properties

AlwaysTriggerPage

Property Name	Value
Description:	A flag indicating whether the rule should always trigger a pager notification device associated with this rule.
Notes:	Values: 0: Do not trigger a pager notification device 1: Trigger a pager notification device
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The client matter code (CMC) to transmit to Cisco Unified Communications Manager when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign accounting or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

DestCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object used to route the call.
Notes:	This is normally used to route to voice mail using a system level call action object. Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestDtmfAccessIdObjectId

Property Name	Value
Description:	The destination (DtmfAccessId) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestNotificationDeviceObjectID

Property Name	Value
Description:	The destination (NotificationDevice) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice.
Notes:	Only one Dest*ObjectID column should contain a non-null value. All other Dest*ObjectID columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPersonalDestinationGroupObjectID

Property Name	Value
Description:	The destination (PersonalDestinationGroup) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestinationGroup object in tbl_PersonalDestinationGroup.

Property Name	Value
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPersonalDestinationObjectId

Property Name	Value
Description:	The destination (PersonalDestination) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPhoneNumberObjectID

Property Name	Value
Description:	The destination (PhoneNumber) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber.
Notes:	Only one Dest*ObjectID column should contain a non-null value. All other Dest*ObjectID columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

InMeeting

Property Name	Value
Description:	A flag indicating whether the rule is triggered depending on whether the subscriber is in a meeting or not.
Notes:	Values: 0: Not set - meeting condition is not applicable. 1: Not in meeting. 2: In meeting.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RuleMeetingCondition
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsInclusive

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should AND or OR the different types of rules defined in tbl_PersonalRuleCaller for a subscriber.
Notes:	Values: 0: Caller condition not inclusive 1: Inclusive only from caller. 2: Inclusive only when not from caller.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RuleCallerInclusiveCondition
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsInternal

Property Name	Value
Description:	A flag indicating whether the rule should trigger based on whether the caller is internal or external.
Notes:	Values: 0: Not set - caller condition is not applicable. 1: Internal condition. 2: External condition.
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RuleCallerInternalCondition
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalRuleSetObjectId

Property Name	Value
Description:	The unique identifier of the PersonalRuleSet object to which this personal rule belongs.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RingAllDestinationsAtOnce

Property Name	Value
Description:	A flag indicating whether all rule destinations should be dialed simultaneously or sequentially.
Notes:	Values: 0: Ring destinations in sequential order 1: Ring all destinations at once
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RuleIndex

Property Name	Value
Description:	The order in which rules within a rule set are executed.
Notes:	The lowest value is the highest priority - a value of 0 is the highest possible priority.
Business Rules:	* The lowest value is the highest priority. * A RuleIndex must be unique for all rules within a personal rule set.
Developer Notes:	No default value - required parameter.
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ScreenCall

Property Name	Value
Description:	A flag indicating whether the incoming call should be screened.
Notes:	Values: 0: Do not screen the incoming call 1: Call screening shall be performed on the incoming call
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeRangeEnd

Property Name	Value
Description:	The end time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.
Notes:	The value of TimeRange{Start End} is a number from 0 to 2359 representing hours (hundreds) and minutes (0-59) of the hour. For example, 2:23pm is represented by 1423 and is the summation of the 0-24 hours in hundred (2pm == 1400) and the number of minutes in the hour (23).
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeRangeIndicatesActiveHours

Property Name	Value
Description:	The definition for how a time range should be utilized.
Notes:	Values: 0: Not included - time range not included. 1: Between - time range between which rule is active. 2: Not between - time range not between which rule is active
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	PersonalRuleTimeRangeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeRangeStart

Property Name	Value
Description:	The start time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.

Property Name	Value
Notes:	The value of TimeRange{Start End} is a number from 0 to 2359 representing hours (hundreds) and minutes (0-59) of the hour. For example, 2:23pm is represented by 1423 and is the summation of the 0-24 hours in hundred (2pm == 1400) and the number of minutes in the hour (23).
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleDetail , vw_PersonalRule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.74. tbl_PersonalRuleCaller

A personal rule caller is a caller that drives a personal rule. A caller can be a phone number (CallerANI), a contact, a personal contact, a personal group or user.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleCaller object.	ObjectId
FK	CallerANI	nvarchar (40 characters)	True	The phone number of the caller (i.e., Caller ID) for callers that don't already exist elsewhere in the Cisco Unity Connection database.	
FK	CallerContactObjectId	char (36 characters)	True	The unique identifier of a Contact object.	ObjectId
FK	CallerPersonalContactObjectId	char (36 characters)	True	The unique identifier of the a PersonalContact object.	ObjectId
FK	CallerPersonalGroupObjectId	char (36 characters)	True	The unique identifier of a PersonalGroup object	ObjectId
FK	CallerUserObjectId	char (36 characters)	True	The unique identifier of a User object.	ObjectId
FK	PersonalRuleObjectId	char (36 characters)	False	The unique identifier of the PersonalRule object associated with this caller.	ObjectId
FK	SubscriberObjectId	char (36 characters)	False	The unique identifier of the Subscriber object to which this personal rule caller belongs.	ObjectId

Table Keys

PK_tbl_PersonalRuleCaller

Property Name	Value
Description:	Uniquely identifies a personal rule caller in this table and exclusively represents this personal rule caller throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate personal rule caller. A personal rule caller with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_PersonalRuleCaller.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PersonalRuleCaller.

Table Relationships (Foreign Keys)

tbl_PersonalRuleCaller has the following relationships with other tables:

Property Name	Value
Relationship Name:	
Description:	Each personal rule caller may be an ANI that is not elsewhere in the database.
Foreign Key:	False
FK Constraint:	Disabled - No foreign key constraint is applied. FK is informational only.
Cascade On Delete:	
Cascade On Update:	
Notes:	
Business Rules:	
Developer Notes:	This isn't really an FK. It doesn't point at anything. But we need it in here so that this column is included in the constraint that enforces that only one FK is non NULL.
Constraint Error String:	Each personal rule caller may be an ANI that is not elsewhere in the database.

tbl_PersonalRuleCaller.CallerContactObjectId (0..*)-----^(0..1) tbl_Contact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRuleCaller_CallerContactObjectId_tbl_Contact_ObjectId
Description:	Each personal rule caller may be a contact. Each contact may act as one or more personal rule callers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRuleCaller and tbl_Contact linked by the foreign key CallerContactObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent contact as a member of this caller group.

tbl_PersonalRuleCaller.CallerPersonalContactObjectId (0..*)-----^(0..1) tbl_PersonalContact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRuleCaller_CallerPersonalContactObjectId_tbl_PersonalContact_ObjectId
Description:	Each personal rule caller may be one personal contact. Each personal contact may act as one or more personal rule callers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRuleCaller and tbl_PersonalContact linked by the foreign key CallerPersonalContactObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the personal contact is deleted, the FK Cascade Delete constraint will ensure that the corresponding personal rule caller is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent personal contact as a member of this caller group.

tbl_PersonalRuleCaller.CallerPersonalGroupObjectId (0..*)-----^(0..1) tbl_PersonalGroup.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRuleCaller_CallerPersonalGroupObjectId_tbl_PersonalGroup_ObjectId
Description:	Each personal rule caller may be one personal group. Each personal group may act as one or more personal rule callers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRuleCaller and tbl_PersonalGroup linked by the foreign key CallerPersonalGroupObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent caller group as a member of this caller group.

tbl_PersonalRuleCaller.CallerUserObjectId (0..*)-----^(0..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRuleCaller_CallerUserObjectId_tbl_User_ObjectId
Description:	Each personal rule caller may be a user. Each user may act as one or more personal rule callers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRuleCaller and tbl_User linked by the foreign key CallerUserObjectId.

Property Name	Value
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent user as a member of this caller group.

tbl_PersonalRuleCaller.SubscriberObjectId (0..*) ----- (1..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRuleCaller_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each personal rule caller must belong to one subscriber. Each subscriber may own one or more personal rule callers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRuleCaller and tbl_UserSubscriber linked by the foreign key SubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the user to which this caller group belongs or to designate a nonexistent user as the owner of this caller group

tbl_PersonalRuleCaller.PersonalRuleObjectId (0..*) ----- (1..1) tbl_PersonalRule.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRuleCaller_PersonalRuleObjectId_tbl_PersonalRule_ObjectId
Description:	Each personal rule caller applies to one personal rule. Each personal rule may be assigned one or more personal rule callers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRuleCaller and tbl_PersonalRule linked by the foreign key PersonalRuleObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent personal call transfer rule to this caller group.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PersonalRuleCaller:

Name	Object Type	Description
vw_PersonalRuleCaller	View	A simple view for tbl_PersonalRuleCaller.
csp_PersonalRuleCallerCreate	Stored Procedure	Creates a new PersonalRuleCaller object for a subscriber by inserting a new row into tbl_PersonalRuleCaller.
csp_PersonalRuleCallerDelete	Stored Procedure	Deletes a PersonalRuleCaller object from tbl_PersonalRuleCaller as specified by the @ObjectId parameter.
csp_PersonalRuleCallerModify	Stored Procedure	Updates the CallerANI property of a PersonalRuleCaller object based on the value passed in via the parameters. The @ObjectId parameter identifies the PersonalRuleCaller object that is updated.

Table Triggers

No triggers are specified for tbl_PersonalRuleCaller.

Column Properties

CallerANI

Property Name	Value
Description:	The phone number of the caller (i.e., Caller ID) for callers that don't already exist elsewhere in the Cisco Unity Connection database.
Notes:	The CallerANI column in tbl_PersonalRuleCaller is actually a "pattern", and must allow wildcards. Currently the PRD calls for the asterisk (*) and single-digit (x or X). The rules engine will support the range wildcard. Ex: [14-6] stands for one occurrence of 1, 4, 5, or 6.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleCaller
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@*\#[\(\)]*\$
Validation - Description:	Alphanumeric or one of these: -_\.@*#[,()]
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallerContactObjectID

Property Name	Value
Description:	The unique identifier of a Contact object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleCaller
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallerPersonalContactObjectID

Property Name	Value
Description:	The unique identifier of the a PersonalContact object.
Notes:	
Business Rules:	The personal contact must belong to the subscriber.
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleCaller
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallerPersonalGroupObjectId

Property Name	Value
Description:	The unique identifier of a PersonalGroup object
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleCaller
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallerUserObjectId

Property Name	Value
Description:	The unique identifier of a User object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleCaller
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleCaller object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleCaller
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalRuleObjectId

Property Name	Value
Description:	The unique identifier of the PersonalRule object associated with this caller.
Notes:	
Business Rules:	The rule must belong to the subscriber.
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleCaller
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectID

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this personal rule caller belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleCaller
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.75. tbl_PersonalRuleSet

A combined set of individual personal rules for a subscriber.

Additional Information

A subscriber may have several personal rules, which are combined into a PersonalRuleSet.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleSet object.	ObjectID
	IsEnabled	smallint (2 bytes)	False	A flag indicating whether this rule set is enabled.	Bool
	Name	nvarchar (64 characters)	False	The unique text name of the personal rule set to be used when displaying entries in Cisco Personal Communications Assistant.	DisplayName
FK	ScheduleSetObjectId	char (36 characters)	True	The unique identifier of the ScheduleSet object that indicates the operational hours for this rule set. (If the personal rule set is operational for a particular time period.)	ObjectID
FK	StreamFileObjectId	char (36 characters)	True	The unique identifier of the StreamFile object that references the recorded voice name for this personal rule set.	ObjectID
FK	SubscriberObjectId	char (36 characters)	False	The unique identifier of the Subscriber object to which this rule set belongs.	ObjectID

Table Keys

CK_tbl_PersonalRuleSet_Name_SubscriberObjectId

Property Name	Value
Description:	Uniquely identifies the name of a personal rule set for each subscriber.
Type:	Candidate
Column(s):	Name , SubscriberObjectId
Clustered?	False
Constraint Error String:	Duplicate personal rule set name for this user.

PK_tbl_PersonalRuleSet

Property Name	Value
Description:	Uniquely identifies a personal rule set in this table and exclusively represents this personal rule set throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate personal rule set. A personal rule set with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_PersonalRuleSet.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PersonalRuleSet.

Table Relationships (Foreign Keys)

tbl_PersonalRuleSet has the following relationships with other tables:

tbl_PersonalRuleSet.SubscriberObjectId (0..*) ----- (1..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRuleSet_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each personal rule set must belong to one subscriber. Each subscriber may own one or more personal rule sets.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRuleSet and tbl_UserSubscriber linked by the foreign key SubscriberObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the user to which this personal call transfer rule set belongs or to assign this personal call transfer rule set to a nonexistent user.

tbl_PersonalRuleSet.ScheduleSetObjectId (0..*) ----- (0..1) tbl_ScheduleSet.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRuleSet_ScheduleSetObjectId_tbl_ScheduleSet_ObjectId

Property Name	Value
Description:	Each personal rule set may be assigned one schedule set. Each schedule set may be assigned to one or more personal rule sets.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRuleSet and tbl_ScheduleSet linked by the foreign key ScheduleSetObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the schedule set to which this personal call transfer rule set is assigned or to assign this personal call transfer rule set to a nonexistent schedule set.

tbl_PersonalRuleSet.StreamFileObjectId (0..1)----- (0..1) tbl_StreamFile.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PersonalRuleSet_StreamFileObjectId_tbl_StreamFile_ObjectId
Description:	Each personal rule set may have one voice name. Each voice name may be the recorded voice name for one personal rule set.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PersonalRuleSet and tbl_StreamFile linked by the foreign key StreamFileObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the stream file that has the name of the audio file containing the record voice name of this personal call transfer rule set or to assign this personal call transfer rule set to a nonexistent stream file.

Additional relationships with tbl_PersonalRuleSet are defined in the following tables:

[tbl_Schedule](#)

[tbl_ScheduleSet](#)

[tbl_PersonalRule](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PersonalRuleSet:

Name	Object Type	Description
vw_PersonalRuleDetail	View	A view for tbl_PersonalRule with a few columns from tbl_PersonalRuleSet.
vw_PersonalRuleSet	View	A simple view for tbl_PersonalRuleSet.
csp_PersonalRuleSetCreate	Stored Procedure	Creates a new PersonalRuleSet object for a subscriber by inserting a new row into tbl_PersonalRuleSet.
csp_PersonalRuleSetDelete	Stored Procedure	Deletes a PersonalRuleSet object from tbl_PersonalRuleSet as specified by the @ObjectId parameter.
csp_PersonalRuleSetModify	Stored Procedure	Updates the attributes of a PersonalRuleSet object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalRuleSet object that is updated.

Table Triggers

No triggers are specified for tbl_PersonalRuleSet.

Column Properties

IsEnabled

Property Name	Value
Description:	A flag indicating whether this rule set is enabled.
Notes:	By default, all rule sets are enabled.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleSet , vw_PersonalRuleDetail
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Name

Property Name	Value
Description:	The unique text name of the personal rule set to be used when displaying entries in Cisco Personal Communications Assistant.
Notes:	The name of a personal rule set must be unique for a subscriber.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleSet , vw_PersonalRuleDetail
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleSet object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleSet
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object that indicates the operational hours for this rule set. (If the personal rule set is operational for a particular time period.)
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleSet , vw_PersonalRuleDetail
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that references the recorded voice name for this personal rule set.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this rule set belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PersonalRuleSet
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.76. tbl_PhoneNumber

A phone number for a user (e.g., alternate extension) or contact.

Additional Information

User defined alternate extensions are also stored in this table. User defined alternate extensions are subscriber phone numbers used to facilitate auto-logon when a subscriber calls from a home, mobile, or other phone number. These alternate extensions can offer easy message access on direct calls from a cell phone, home phone, or phone at an alternate work site (assuming that the phone number is passed along to Cisco Unity Connection from these other phone systems). In addition, when such phones are used as alternate extensions, and are set to forward to Cisco Unity Connection, callers can listen to the subscriber greeting, and leave messages for the subscriber just as they would when dialing the primary extension for the subscriber. The `AutoLogon` column must be set to use a number for autologon. This keeps these numbers out of the global `DtmfAccessId` space, and keeps them from being used for addressing, which is desirable.

A phone number cannot exist in both `tbl_PhoneNumber` and `tbl_DtmfAccessId`. See `csp_PhoneNumberCreate` for more information.

Primary and administrator-defined alternate extensions must contain an extension in the format of a telephone numeric (digits 0-9 only) while a user-defined alternate extension stored in `tbl_PhoneNumber` can contain either a number or an alias for a SIP URL. There are some interesting things we might be able to do if this table is accurately maintained: use them as a drop-down list in setting phone numbers in notification devices, use them to recognize callers (ala "alternate dtmf access id"), etc.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a <code>PhoneNumber</code> object.	ObjectID
	AutoLogon	smallint (2 bytes)	False	A flag indicating whether the phone number can be used for automatically logging on the caller.	Bool
	CallPickupTimeout	smallint (2 bytes)	True	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.	
	ClientMatterCode	varchar (40 characters)	True	The client matter code to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.	ClientMatter-Code
	DialablePhoneNumber	varchar (255 characters)	True	A dialable version of the <code>PhoneNumber</code> column.	Dialable-PhoneNum-ber

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	DisplayName	nvarchar (64 characters)	True	The preferred text name of the phone number to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
FK	Owner_ContactObjectId	char (36 characters)	True	The object to which this phone number belongs. If the phone number belongs to a Contact, the unique identifier of the Contact object to which this phone number belongs. Otherwise, this attribute is set to NULL.	ObjectID
FK	Owner_UserObjectId	char (36 characters)	True	The object to which this phone number belongs. If the phone number belongs to a User, the unique identifier of the User object to which this phone number belongs. Otherwise, this attribute is set to NULL.	ObjectID
	PhoneNumber	varchar (255 characters)	False	A phone number.	PhoneNum- ber
	PhoneType	smallint (2 bytes)	False	A well-defined name for the phone number, such as "Home," "Business," "Mobile," etc.	PhoneType
	SearchablePhoneNumber	varchar (255 characters)	True	Phone number without formatting or any dial codes. A basic form suitable for searching on.	PhoneNum- ber
	TransmitForcedAuthorizationCode	smallint (2 bytes)	False	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.	Bool

Table Keys

CK_tbl_PhoneNumber_Owner_ContactObjectId_Owner_UserObjectId_PhoneType

Property Name	Value
Description:	Uniquely identifies the combination of a user and the phone number type in tbl_PhoneNumber.
Type:	Candidate
Column(s):	Owner_ContactObjectId , Owner_UserObjectId , PhoneType
Clustered?	False
Constraint Error String:	Duplicate phone type for this owner (user or personal contact)

PK_tbl_PhoneNumber

Property Name	Value
Description:	Uniquely identifies a phone number in this table and exclusively represents this particular phone number throughout the database.

Property Name	Value
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate phone number. A phone number with that unique identifier already exists.

Table Indexes

Name	Description	Unique	Clustered	Sort Direction	Columns
IX_tbl_PhoneNumber_SearchablePhoneNumber	For making searches on this SearchablePhoneNumber more efficient.	False	False	Ascending	AutoLogon , ObjectId , Searchable- PhoneNumber

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PhoneNumber.

Table Relationships (Foreign Keys)

tbl_PhoneNumber has the following relationships with other tables:

tbl_PhoneNumber.Owner_ContactObjectId (0..*) ----- (0..1) tbl_Contact.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PhoneNumber_Owner_ContactObjectId_tbl_Contact_ObjectId
Description:	Each phone number must be assigned to one user or one Contact. Each Contact may be assigned one ore more phone numbers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PhoneNumber and tbl_Contact linked by the foreign key Owner_ContactObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the Contact is deleted, the FK Cascade Delete constraint will ensure that the corresponding phone number is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent contact as the owner of this phone number.

tbl_PhoneNumber.Owner_UserObjectId (0..*) ----- (0..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PhoneNumber_Owner_UserObjectId_tbl_User_ObjectId
Description:	Each phone number must be assigned to one user or one Contact. Each user may be assigned one ore more phone numbers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PhoneNumber and tbl_User linked by the foreign key Owner_UserObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the user is deleted, the FK Cascade Delete constraint will ensure that the corresponding phone number is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent user as the owner of this phone number.

Additional relationships with tbl_PhoneNumber are defined in the following tables:

[tbl_PersonalDestinationGroupItem](#)

[tbl_PersonalRule](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PhoneNumber:

Name	Object Type	Description
vw_PhoneNumber	View	A simple view for tbl_PhoneNumber.
csp_PhoneNumberCreate	Stored Procedure	Creates a new PhoneNumber object for a user such as "Home Phone" by inserting a new row into tbl_PhoneNumber.
csp_PhoneNumberDelete	Stored Procedure	Deletes a PhoneNumber object from tbl_PhoneNumber as specified by the @ObjectId parameter.
csp_PhoneNumberModify	Stored Procedure	Updates the attributes of a PhoneNumber object based on the values passed in via the parameters. The @ObjectId parameter identifies the PhoneNumber object that is updated.

Table Triggers

No triggers are specified for tbl_PhoneNumber.

Column Properties

AutoLogon

Property Name	Value
Description:	A flag indicating whether the phone number can be used for automatically logging on the caller.
Notes:	Values: 0: Autologon disabled. 1: Autologon enabled.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	1
Validation - Maximum Value:	100

ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DialablePhoneNumber

Property Name	Value
Description:	A dialable version of the PhoneNumber column.
Notes:	Must be specified by client - it will not to default to the value of PhoneNumber.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DialablePhoneNumber
SQL Data Type/Length:	varchar (255 characters)

Property Name	Value
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digit, T, hash, *, or comma.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of the phone number to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PhoneNumber object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_ContactObjectid

Property Name	Value
Description:	The object to which this phone number belongs. If the phone number belongs to a Contact, the unique identifier of the Contact object to which this phone number belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*Objectid column should contain a non-null value. The other Owner_*Objectid column should contain NULL.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_UserObjectid

Property Name	Value
Description:	The object to which this phone number belongs. If the phone number belongs to a User, the unique identifier of the User object to which this phone number belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*ObjectId column should contain a non-null value. The other Owner_*ObjectId column should contain NULL.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	A phone number.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #_\.\@,;: + \% '?\(\)\~*!\&=\\$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (()), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.

Property Name	Value
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneType

Property Name	Value
Description:	A well-defined name for the phone number, such as "Home," "Business," "Mobile," etc.
Notes:	<p>Values:</p> <p>1: Primary work (business or office) telephone number. 10: Telephone number for assistant such as in an executive and executive assistant relationship. 11: Text Telephone (TTY) and/or Telecommunications Device for the Deaf (TDD) service for the hearing impaired. 14: First other (spare) telephone number. 15: Second other (spare) telephone number. 16: Third other (spare) telephone number. 17: Fourth other (spare) telephone number. 18: Fifth other (spare) telephone number. 19: Sixth other (spare) telephone number. 2: Secondary work (business or office) telephone number. 20: Seventh other (spare) telephone number. 21: Eighth other (spare) telephone number. 22: Ninth other (spare) telephone number. 23: Tenth other (spare) telephone number. 24: Eleventh other (spare) telephone number. 25: Twelveth other (spare) telephone number. 26: Thirteenth other (spare) telephone number. 27: Fourteenth other (spare) telephone number. 28: Fifteenth other (spare) telephone number. 29: Sixteenth other (spare) telephone number. 3: Primary home telephone number. 30: Seventeenth other (spare) telephone number. 31: Eighteenth other (spare) telephone number. 32: Nineteenth other (spare) telephone number. 33: Twentieth other (spare) telephone number. 4: Secondary home telephone number. 5: Primary mobile (cell) telephone number. 6: Secondary mobile (cell) telephone number. 7: Primary work (business or office) fax delivery telephone number. 8: Secondary work (business or office) fax delivery telephone number. 9: Home fax delivery telephone number.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	3
Custom Type:	PhoneType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SearchablePhoneNumber

Property Name	Value
Description:	Phone number without formatting or any dial codes. A basic form suitable for searching on.
Notes:	If PhoneNumber is not specified, the stored procedures will generate SearchablePhoneNumber by stripping out spaces and the following formatting characters: -()#*+.,
Business Rules:	
Developer Notes:	NULL is allowed for upgrade purposes.
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #_\. @,;:\+ \%?\'()\~*!&=\\$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (()), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.
Notes:	Values: 0: Do not transmit authorization code 1: Transmit authorization code
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_PhoneNumber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.77. tbl_Policy

A Policy grants a user (subject) a role in a particular area (target). Initially, a subject would always be either a user or user group, and a target would always be a node in the organizational hierarchy.

Additional Information

Policies specify the specific target. Privileges specify a resource type.

In the Common Information Model (CIM) terminology, this is a "PolicyAction". We're purposefully simplifying our implementation since we don't need all the complexity of the CIM model, although it's consistent with CIM in most regards and can easily be extended later if we find we need additional CIM concepts.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a Policy object.	ObjectID
	DateCreated	datetime (8 bytes)	False	The date and time the policy was created.	
	DateExpires	datetime (8 bytes)	True	The date and time the policy automatically expires. Used to limit the period of time that a policy is active.	
FK	RoleObjectId	char (36 characters)	False	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."	ObjectID
FK	TargetAgencyObjectId	char (36 characters)	True	The unique identifier of the Agency object to which this policy applies.	ObjectID
FK	TargetDistributionListObjectId	char (36 characters)	True	The unique identifier of the DistributionList object to which this policy applies.	ObjectID
FK	TargetHandlerObjectId	char (36 characters)	True	The unique identifier of the Handler object to which this policy applies.	ObjectID
FK	TargetUserObjectId	char (36 characters)	True	The unique identifier of the user object to which this policy applies.	ObjectID
FK	TargetVmsObjectId	char (36 characters)	True	The unique identifier of the LocationVMS object to which this policy applies.	ObjectID
FK	UserObjectId	char (36 characters)	False	The unique identifier of the User object (subject) to which this policy is assigned.	ObjectID

Table Keys

PK_tbl_Policy

Property Name	Value
Description:	Uniquely identifies a policy in this table and exclusively represents that policy throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate policy. A policy with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Policy.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Policy.

Table Relationships (Foreign Keys)

tbl_Policy has the following relationships with other tables:

tbl_Policy.RoleObjectId (0..*) ----- (1..1) tbl_Role.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Policy_RoleObjectId_tbl_Role_ObjectId
Description:	Each policy must have one role. Each role may be assigned to one or more policies.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Policy and tbl_Role linked by the foreign key RoleObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the role is deleted, the FK Cascade Delete constraint will ensure that the corresponding policy is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this policy to a nonexistent role.

tbl_Policy.UserObjectId (0..*) ----- (1..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Policy_UserObjectId_tbl_User_ObjectId
Description:	Each policy must be assigned to one subject (user). Each subject may apply to one or more policies.
Foreign Key:	True

Property Name	Value
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Policy and tbl_User linked by the foreign key UserObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the user is deleted, the FK Cascade Delete constraint will ensure that the corresponding policy is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this policy to a nonexistent user.

tbl_Policy.TargetAgencyObjectId (0..*)----- (0..1) tbl_Agency.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Policy_TargetAgencyObjectId_tbl_Agency_ObjectId
Description:	Each policy may have an Agency as its target. Each target may be applied to one or more policies.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Policy and tbl_Agency linked by the foreign key TargetAgencyObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	A policy may have only one target.
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent Community Voice Mail agency as the target for this policy.

tbl_Policy.TargetDistributionListObjectId (0..*)----- (0..1) tbl_DistributionList.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Policy_TargetDistributionListObjectId_tbl_DistributionList_ObjectId
Description:	Each policy may have a Distribution List as its target. Each target may be applied to one or more policies.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Policy and tbl_DistributionList linked by the foreign key TargetDistributionListObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	A policy may have only one target.

Property Name	Value
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent distribution list as the target for this policy.

tbl_Policy.TargetHandlerObjectId (0..*) ----- (0..1) tbl_Handler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Policy_TargetHandlerObjectId_tbl_Handler_ObjectId
Description:	Each policy may have a Handler as its target. Each target may be applied to one or more policies.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Policy and tbl_Handler linked by the foreign key TargetHandlerObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	A policy may have only one target.
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent call handler, directory handler or interview handler as the target for this policy.

tbl_Policy.TargetUserObjectId (0..*) ----- (0..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Policy_TargetUserObjectId_tbl_User_ObjectId
Description:	Each policy may have a User as its target. Each target may be applied to one or more policies.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Policy and tbl_User linked by the foreign key TargetUserObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	A policy may have only one target.
Developer Notes:	Cascade delete not allowed here (SQL complains of possible cycle).
Constraint Error String:	An attempt was made to either delete a user that is designated as the target for this policy or to designate a nonexistent user as the target for this policy.

tbl_Policy.TargetVmsObjectId (0..*) ----- (0..1) tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Policy_TargetVmsObjectId_tbl_LocationVMS_ObjectId
Description:	Each policy may have a LocationVMS as its target. Each target may be applied to one or more policies.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Policy and tbl_LocationVMS linked by the foreign key TargetVmsObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	A policy may have only one target.
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent VMS as the target for this policy.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Policy:

Name	Object Type	Description
vw_CurrentPrivileges	View	The discrete rights granted to perform an operation (i.e. privileges) based on a user (subject). This view is used to fetch user authorization information - get the name of the operations (views and stored procedures) that the user is authorized to perform.
vw_Policy	View	A simple view for tbl_Policy.
vw_SubscriberPolicy	View	Internal use only.
csp_CheckAccessToResource	Stored Procedure	Determines what access a user has to the specified resource. Retrieves the value of all *Access columns for the specified instance of a User object.
csp_PolicyCreate	Stored Procedure	Creates a new policy to give a user authorization to access a resource on a target by inserting a new row into tbl_Policy. This procedure assigns a role to a user, and then associates the policy to a target (distribution list, handler, user or VMS).
csp_PolicyDelete	Stored Procedure	Deletes a Policy object from tbl_Policy as specified by the @ObjectId parameter.
csp_PolicyModify	Stored Procedure	Updates the attributes of a Policy object based on the values passed in via the parameters. The @ObjectId parameter identifies the Policy object that is updated.

Table Triggers

No triggers are specified for tbl_Policy.

Column Properties

DateCreated

Property Name	Value
Description:	The date and time the policy was created.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Policy
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DateExpires

Property Name	Value
Description:	The date and time the policy automatically expires. Used to limit the period of time that a policy is active.
Notes:	One use of this column is for granting a user a particular policy temporarily. For example, the person who is assigned the role of a "User Administrator" is going on vacation. Create a policy with the role of a "User Administrator" and assign it to another user who is covering the duties of the vacationing administrator. Set the DateExpires column so that the policy expires automatically on the date when the primary "User Administrator" is scheduled to return from vacation.
Business Rules:	A value of NULL means the policy never expires.
Developer Notes:	
Occurrences In Views:	vw_Policy
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Policy object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_Policy , vw_SubscriberPolicy
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RoleObjectid

Property Name	Value
Description:	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberPolicy , vw_Policy
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetAgencyObjectId

Property Name	Value
Description:	The unique identifier of the Agency object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges , vw_Policy
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetDistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges , vw_Policy
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetHandlerObjectid

Property Name	Value
Description:	The unique identifier of the Handler object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Occurrences In Views:	vw_SubscriberPolicy , vw_CurrentPrivileges , vw_Policy
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetUserObjectid

Property Name	Value
Description:	The unique identifier of the user object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges , vw_Policy
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetVmsObjectld

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	This identifies the particular area (i.e., a node in the organizational hierarchy) of a Unity Organization that this policy applies to. For now, this can only be a LocationVMS, although in the future we do support multiple primary VMS as a method of partitioning.
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges , vw_Policy , vw_CurrentPrivileges , vw_Policy
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectld

Property Name	Value
Description:	The unique identifier of the User object (subject) to which this policy is assigned.
Notes:	
Business Rules:	
Developer Notes:	May want to add DL or UserGroup as subject later, but for now it is just a User.
Occurrences In Views:	vw_CurrentPrivileges , vw_Policy
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.78. tbl_Privilege

A group of discrete rights granted to a user to perform an operation on a type of resource. A collection of privileges assigned to a role confers the potential to perform duties and tasks such as create a user or view distribution lists and all their members.

Additional Information

Privileges specify a resource type. Policies specify a specific target.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a Privilege object.	ObjectID
	CreateAccess	smallint (2 bytes)	False	A flag indicating authorization to create a new instance of a particular object. For example, the ability to create distribution lists on the system and assign members.	Bool
	DeleteAccess	smallint (2 bytes)	False	A flag indicating authorization to delete an instance of an object. For example, the ability to delete a Class of Service (COS) from the system.	Bool
	ExecuteAccess	smallint (2 bytes)	False	A flag indicating authorization to execute (i.e. run) an application such as the ability to run Reports or to execute a tool or utility program.	Bool
	LocalizationKey	nvarchar (128 characters)	False	The key to the localized name of the Privilege.	
	PrivilegeName	nvarchar (64 characters)	False	The unique text name of the privilege.	
	ReadAccess	smallint (2 bytes)	False	A flag indicating authorization to read (i.e., view) an object and its attributes. For example, the ability to read all the distribution lists on the system and their associated attributes such as members.	Bool
	ResourceType	int (4 bytes)	False	The type of resource (object) associated with this privilege. For example, Distribution Lists, Users, Classes of Service, Mailbox Databases, etc.	Resource-Type
	UpdateAccess	smallint (2 bytes)	False	A flag indicating authorization to change the attribute(s) of an object. For example, the ability to change Class of Service (COS) settings.	Bool

Table Keys

CK_tbl_Privilege_PrivilegeName

Property Name	Value
Description:	Uniquely identifies the name of a privilege in tbl_Privilege.
Type:	Candidate
Column(s):	PrivilegeName
Clustered?	False
Constraint Error String:	Duplicate privilege name.

PK_tbl_Privilege

Property Name	Value
Description:	Uniquely identifies a privilege in this table and exclusively represents that privilege throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate privilege. A privilege with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Privilege.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Privilege.

Table Relationships (Foreign Keys)

tbl_Privilege has no relationships specified with other tables.

Additional relationships with tbl_Privilege are defined in the following tables:

[tbl_RolePrivilegeMap](#)

[tbl_PrivilegeOperationMap](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Privilege:

Name	Object Type	Description
vw_CurrentPrivileges	View	The discrete rights granted to perform an operation (i.e. privileges) based on a user (subject). This view is used to fetch user authorization information - get the name of the operations (views and stored procedures) that the user is authorized to perform.
vw_Privilege	View	A view for tbl_Privilege, including the LocalizedName and LanguageCode for the privilege from tbl_LocalizedText.

Table Triggers

No triggers are specified for tbl_Privilege.

Column Properties

CreateAccess

Property Name	Value
Description:	A flag indicating authorization to create a new instance of a particular object. For example, the ability to create distribution lists on the system and assign members.
Notes:	Values: 0: Not authorized to create a new instance of a particular object 1: Authorized to create a new instance of a particular object
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges , vw_Privilege
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DeleteAccess

Property Name	Value
Description:	A flag indicating authorization to delete an instance of an object. For example, the ability to delete a Class of Service (COS) from the system.
Notes:	Values: 0: Not authorized to delete an instance of a particular object 1: Authorized to delete an instance of a particular object
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges , vw_Privilege
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ExecuteAccess

Property Name	Value
Description:	A flag indicating authorization to execute (i.e. run) an application such as the ability to run Reports or to execute a tool or utility program.
Notes:	Values: 0: Not authorized to run a particular application 1: Authorized to run a particular application
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges , vw_Privilege
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalizationKey

Property Name	Value
Description:	The key to the localized name of the Privilege.
Notes:	The localized name is the name displayed in CUSA.
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Privilege object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_Privilege
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PrivilegeName

Property Name	Value
Description:	The unique text name of the privilege.
Notes:	Not displayed on CUSA.
Business Rules:	The name must unique within the VMS.
Developer Notes:	
Occurrences In Views:	vw_Privilege
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReadAccess

Property Name	Value
Description:	A flag indicating authorization to read (i.e., view) an object and its attributes. For example, the ability to read all the distribution lists on the system and their associated attributes such as members.
Notes:	Values: 0: Not authorized to read an object and its attributes 1: Authorized to read an object and its attributes
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges , vw_Privilege

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ResourceType

Property Name	Value
Description:	The type of resource (object) associated with this privilege. For example, Distribution Lists, Users, Classes of Service, Mailbox Databases, etc.

Property Name	Value
Notes:	<p>Values:</p> <p>1: Managing networking (Unity networking, dialing domains, delivery locations for foreign voice messaging systems)</p> <p>10: Managing Shared Distribution Lists.</p> <p>11: Managing restriction tables and restriction patterns.</p> <p>12: Managing call routing rules.</p> <p>13: Managing system schedules and holidays.</p> <p>14: Managing Administrative Regions. For example, the privilege to add/remove VMS configurations to/from an administrative region, or view a list of VMS configurations that compose an administrative region.</p> <p>15: Managing Unity organization. For example, the privileges to change the name of the organization, add/remove administrative regions to/from an organization, or view a list of administrative regions and VMS configurations that compose the Unity organization.</p> <p>16: Managing server(s) in a VMS configuration. For example, the privileges to add/delete a front-end or back-end server to/from the VMS configuration, activate/deactivate a server role on a VMS configuration.</p> <p>17: Managing server role templates. For example, the privileges to read/update VMS server role templates.</p> <p>18: Managing user groups. For example, the privileges to add/delete users to/from a user group, or create/delete a user group.</p> <p>19: Managing call handlers, call handler templates, and interview handlers. For example, the privileges to create/delete call and interview handlers, or to read/update call and interview handlers and call handler templates.</p> <p>2: Managing administrative roles (includes managing user to role relationships)</p> <p>20: Managing VMS server configuration settings, Report system settings and licensing settings. For example, the privileges to read/update the system's recording settings, phone and GUI language settings, voice messaging port settings, enable/disable a VMS configuration's participation in the Unity Organization license pool, etc.</p> <p>21: Run system reports and execute system reporting tools. For example, the privileges to run any of the System Reports such as the Administrative Access Report and any of the system reporting tools such as the Port Usage Analyzer tool.</p> <p>22: Run subscriber and mailbox reports. For example, the privileges to run any of the subscriber reports such as the Subscriber Message Activity Report or any of the Mailbox reports such as the Mailbox Database Information Report.</p> <p>23: View all reports. The privileges to view all system, subscriber and mailbox reports.</p> <p>24: Reset user passwords or PINs, and unlock user accounts.</p> <p>25: Reset administrative user account passwords and unlock administrative user accounts. For example, the privileges to reset the password for a user assigned the role of a 'Technician.'</p> <p>26: Managing Cisco Unity Connection security and user account lockout policies. For example, the privileges to read/update GUI/phone password restrictions and account lockout policies.</p> <p>27: Run all administration tools. For example, the privileges to run Disaster Recovery Backup/Restore tool, Subscriber Information Dump, TTY Angel, etc.</p> <p>28: Run ALL diagnostic, audio management and phone system integration tools. For example, the privileges to run the Set Record Format tool, CodecChecker tool, Cisco Unity Connection Performance Information and Diagnostics tool, Integration Monitor, Call Viewer, etc.</p> <p>29: Run status monitor application for monitoring system activity.</p> <p>3: Managing users</p> <p>30: Phone system.</p> <p>31: View and retrieve Configuration objects, localized text, and TreeControlNodes.</p> <p>32: IF (@NumericId IS NOT NULL) RAISERROR({GetExceptionCode("EXCEPTION_PERSONALGROUP_NUMERICID_INVALID") <@SEVERITY_INVALID_PARAMETER/>, 1, 'NULL', '0') <@StoredProcReturn GetExceptionCode("EXCEPTION_PARAMETER_INVALID")/></p>

Property Name	Value
	33: Managing Greetings. For example, the privilege to change the greeting for a call handler via the TUI. 34: Agency. Used by Community Voice Mail feature. 35: Web service access. 36: Managing interview handlers 37: Access serviceability page 38: VPIM controls 4: Changing User Name Attributes. 5: Managing users in bulk. 6: Managing user templates. 7: Managing mailbox databases. 8: Managing COS. 9: Managing directory handlers.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges , vw_Privilege
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ResourceType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UpdateAccess

Property Name	Value
Description:	A flag indicating authorization to change the attribute(s) of an object. For example, the ability to change Class of Service (COS) settings.
Notes:	Values: 0: Not authorized to change the attributes of an object 1: Authorized to change the attributes of an object
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges , vw_Privilege
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.79. tbl_PrivilegeOperationMap

A mapping of an operation (e.g., view or stored procedure) to a privilege.

Additional Information

An operation may map to several privileges.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	OperationName	lvvarchar (256 characters)	False	The name of the view or stored procedure.	
PK, FK	PrivilegeObjectId	char (36 characters)	False	The unique identifier of the Privilege object that is mapped to the specified operation.	ObjectID

Table Keys

PK_tbl_PrivilegeOperationMap

Property Name	Value
Description:	Uniquely identifies a combination of a privilege and operation in this table and exclusively represents that particular combination throughout the database.
Type:	Primary
Column(s):	OperationName , PrivilegeObjectId
Clustered?	True
Constraint Error String:	Duplicate combination of privilege and operation.

Table Indexes

No indexes are specified for tbl_PrivilegeOperationMap.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_PrivilegeOperationMap.

Table Relationships (Foreign Keys)

tbl_PrivilegeOperationMap has the following relationships with other tables:

tbl_PrivilegeOperationMap.PrivilegeObjectId (0..*)-----^(1..1) tbl_Privilege.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_PrivilegeOperationMap_PrivilegeObjectId_tbl_Privilege_ObjectId
Description:	Each privilegeoperation mapping must have one privilege. Each privilege may belong to one or more privilegeoperationmaps.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_PrivilegeOperationMap and tbl_Privilege linked by the foreign key PrivilegeObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the privilege to which this operation is assigned or to assign this privilege to a nonexistent operation

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_PrivilegeOperationMap:

Name	Object Type	Description
vw_CurrentPrivileges	View	The discrete rights granted to perform an operation (i.e. privileges) based on a user (subject). This view is used to fetch user authorization information - get the name of the operations (views and stored procedures) that the user is authorized to perform.

Table Triggers

No triggers are specified for tbl_PrivilegeOperationMap.

Column Properties

OperationName

Property Name	Value
Description:	The name of the view or stored procedure.
Notes:	When the default PrivilegeOperationMap objects are created, the operation name is verified against the names in the SQL Server table sysobjects.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_CurrentPrivileges
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PrivilegeObjectId

Property Name	Value
Description:	The unique identifier of the Privilege object that is mapped to the specified operation.
Notes:	FK to tbl_Privilege.ObjectId
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.80. tbl_RestrictionPattern

A dial string that consists of a call pattern and a setting that specifies whether numbers matching the call pattern are permitted for use.

Additional Information

A restriction table can have any number of string patterns (i.e. "91?????????" or "011*") which can be marked for allow or disallow. A restriction table must have a least one dial string with a call pattern of "*" to ensure that Cisco Unity Connection is able to match a call pattern.

New dial strings are inserted into the restriction table as "Dial String n", n being the value of the Index column. Note that the order of the dial strings is very important because Cisco Unity Connection sequentially compares a phone number to the call patterns in the restriction table, starting with Dial String 0. If a number matches more than one call pattern, the number is handled according to the first call pattern it matches. See also tbl_RestrictionTable.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	Surrogate key for the table.	ObjectID
	Blocked	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection permits the use of dial strings matching the pattern.	Bool
	NumberPattern	nvarchar (40 characters)	False	The specific numbers or patterns of numbers (including external and long-distance access codes) that can be permitted or restricted.	
FK	RestrictionTableObjectId	char (36 characters)	False	The unique identifier of the RestrictionTable object to which this restriction pattern belongs.	ObjectID
	SequenceNumber	smallint (2 bytes)	False	A sequential index for this RestrictionPattern within the parent RestrictionTable, which specifies the order in which Cisco Unity Connection will apply each call pattern.	

Table Keys

CK_tbl_RestrictionPattern_RestrictionTableObjectId_SequenceNumber

Property Name	Value
Description:	Uniquely identifies a restriction pattern within a restriction table.
Type:	Candidate
Column(s):	RestrictionTableObjectId , SequenceNumber

Property Name	Value
Clustered?	False
Constraint Error String:	The order of restriction patterns is invalid. Restriction patterns belonging to a restriction table must be in sequential numeric order.

PK_tbl_RestrictionPattern

Property Name	Value
Description:	Surrogate key to provide immutable lookup identifier.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate restriction pattern. A restriction pattern with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_RestrictionPattern.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_RestrictionPattern.

Table Relationships (Foreign Keys)

tbl_RestrictionPattern has the following relationships with other tables:

tbl_RestrictionPattern.RestrictionTableObjectId (0..*) -----(1..1) tbl_RestrictionTable.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_RestrictionPattern_RestrictionTableObjectId_tbl_RestrictionTable_ObjectId
Description:	Each restriction pattern must belong to one restriction table. Each restriction table may have one ore more restriction patterns.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_RestrictionPattern and tbl_RestrictionTable linked by the foreign key RestrictionTableObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	Although from a database perspective a restriction table can have no restriction patterns, from a practical standpoint (and whenever a restriction table is created), a restriction table should always have at least on restriction pattern associated with it. When the restriction table is deleted, the FK Cascade Delete constraint will ensure that the corresponding restriction pattern is also deleted.
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to designate a nonexistent restriction table as the owner of this restriction pattern.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_RestrictionPattern:

Name	Object Type	Description
vw_RestrictionPattern	View	A simple view for tbl_RestrictionPattern.
csp_RestrictionPatternCreate	Stored Procedure	Creates a new RestrictionPattern object by inserting a new row into tbl_RestrictionPattern. A RestrictionPattern contains dial strings consisting of a call pattern and a setting that specifies whether numbers matching the call pattern are permitted for use.
csp_RestrictionPatternDelete	Stored Procedure	Deletes a RestrictionPattern object from tbl_RestrictionPattern as specified by the @ObjectId parameter.
csp_RestrictionPatternModify	Stored Procedure	Updates the attributes of a RestrictionPattern object based on the values passed in via the parameters. The @ObjectId parameter identifies the RestrictionPattern object that is updated.

Table Triggers

No triggers are specified for tbl_RestrictionPattern.

Column Properties

Blocked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection permits the use of dial strings matching the pattern.
Notes:	Values: 0: Permit use of dial strings matching the pattern 1: Do not permit use of dial strings matching the pattern
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RestrictionPattern
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NumberPattern

Property Name	Value
Description:	The specific numbers or patterns of numbers (including external and long-distance access codes) that can be permitted or restricted.
Notes:	<p>Uses digits 0 through 9 plus the following special characters:</p> <ul style="list-style-type: none"> * Match zero or more digits ? Match exactly one digit. Each ? serves as a placeholder for one digit. # Corresponds to the # key on the phone <p>For example, to screen out all phone numbers that start with 206 but are longer than 7 digits, enter 9206????* for the pattern (and set "Blocked" == true).</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RestrictionPattern
Primary Key:	False
Allow Null:	False
Default Value:	''
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9#?]*\$
Validation - Description:	Digits 0-9, special characters question mark, asterisk, and hash ("#") are also allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Surrogate key for the table.

Property Name	Value
Notes:	The "real" PK is (RestrictionTableObjectId,SequenceNumber), but since we automatically change SequenceNumber on deletion to close gaps there needs to be a more permanent identifier to use.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RestrictionPattern
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RestrictionTableObjectId

Property Name	Value
Description:	The unique identifier of the RestrictionTable object to which this restriction pattern belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RestrictionPattern
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SequenceNumber

Property Name	Value
Description:	A sequential index for this RestrictionPattern within the parent RestrictionTable, which specifies the order in which Cisco Unity Connection will apply each call pattern.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RestrictionPattern
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	999

3.81. tbl_RestrictionTable

A list of dial strings, each consisting of a call pattern and a setting that specifies whether numbers matching the call pattern are permitted for use. Restriction tables control which phone numbers subscribers can use for transferring calls, recording and playback by phone from Cisco Unity Connection applications, delivering faxes to a fax machine, and sending message notifications.

Additional Information

Each restriction table has a maximum number of digits allowed and a list of number patterns which are to be blocked or allowed. Each restriction table must have a least one dial string containing a call pattern. When a restriction table is applied to a number (such as a pager number for a message notification), Cisco Unity Connection compares the number with the call pattern of the first dial string in the restriction table. If the number does not match the call pattern, Cisco Unity Connection then compares the number with the call pattern in the second dial string, and so on, until it finds a match and the number does not exceed the maximum number of digits allowed. When Cisco Unity Connection finds a match, it either permits or restricts the use of this number as specified in the dial string.

Restriction tables are assigned to subscribers via COS. Each COS specifies for its members three restriction table entries: one for call transfer phone numbers, one for outcalling (message delivery) phone numbers, and one for fax delivery phone numbers.

When a subscriber uses the Cisco Unity Assistant or the Cisco Unity Connection conversation to attempt to change a phone number that is used for message notification, fax delivery, or call transfer, or when subscribers use Caller system transfers to transfer to a number that they specify, Cisco Unity Connection applies the applicable restriction table to verify that the phone number entered is allowed. The same thing happens when an administrator uses Cisco Unity Connection Administration to attempt to change a phone number that is used for message notification, fax delivery, or call transfer. In each case, the restriction table used is the one associated with the subscriber or administrator who is changing the number.

Note that the restriction table applies at the time of the entry of the number, not at the time of the use of the number. The restriction table in the COS of the person making the change is the one checked. For example, a given subscriber may be restricted from entering a long-distance message delivery or call transfer number, but an administrator can enter a long-distance number into the subscriber record for them if desired.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.	ObjectID
	CreationTime	datetime (8 bytes)	False	The date and time this restriction table was created.	
	DefaultBlocked	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection permits the phone number in the case where a phone number does not match any call patterns in this restriction table.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	DisplayName	nvarchar (64 characters)	False	The unique text name of this restriction table to be used when displaying entries in the administrative console. For example, "{Default Transfer}."	DisplayName
FK	LocationObjectId	char (36 characters)	False	The unique identifier of the LocationVMS object to which this restriction table belongs.	ObjectID
	MaxDigits	smallint (2 bytes)	False	The maximum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.	
	MinDigits	smallint (2 bytes)	False	The minimum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.	
	Undeetable	smallint (2 bytes)	False	A flag indicating whether this restriction table can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool

Table Keys

CK_tbl_RestrictionTable_DisplayName

Property Name	Value
Description:	Uniquely identifies the name of a restriction table within tbl_RestrictionTable.
Type:	Candidate
Column(s):	DisplayName
Clustered?	False
Constraint Error String:	Duplicate restriction table name.

PK_tbl_RestrictionTable

Property Name	Value
Description:	Uniquely identifies a restriction table in this table and exclusively represents that restriction table throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate restriction table. A restriction table with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_RestrictionTable.

Table Ad-Hoc Constraints

MinDigits_CannotExceed_MaxDigits

Property Name	Value
Description:	Enforces data integrity by ensuring that the minimum number of digits in a dial string does not exceed the maximum number of digits.
Notes:	
Developer Notes:	
Business Rules:	The minimum number of digits must not exceed the maximum number of digits in a dial string.
Constraint Error String:	The minimum length of a dial string cannot exceed the maximum length.

Table Relationships (Foreign Keys)

tbl_RestrictionTable has the following relationships with other tables:

tbl_RestrictionTable.LocationObjectId (0..*) ----- (1..1) tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_RestrictionTable_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each restriction table must belong to one LocationVMS. Each LocationVMS may be the owner of one or more restriction tables.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_RestrictionTable and tbl_LocationVMS linked by the foreign key LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the location to which this restriction table belongs or to assign a nonexistent location to this restriction table.

Additional relationships with tbl_RestrictionTable are defined in the following tables:

[tbl_Cos](#)

[tbl_Cos](#)

[tbl_Cos](#)

[tbl_RestrictionPattern](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_RestrictionTable:

Name	Object Type	Description
vw_RestrictionTable	View	A simple view for tbl_RestrictionTable.
csp_RestrictionTableCreate	Stored Procedure	Creates a new RestrictionTable object by inserting a new row into tbl_RestrictionTable. A RestrictionTable object is used to control which phone numbers subscribers can use for transferring calls, recording and playback by phone from Cisco Unity Connection applications, delivering faxes to a fax machine, and sending message notifications.
csp_RestrictionTableDelete	Stored Procedure	Deletes a RestrictionTable object from tbl_RestrictionTable as specified by the @ObjectId parameter.
csp_RestrictionTableEvaluate	Stored Procedure	Evaluates a phone number against a specified restriction table (and restriction patterns) to determine if it should be blocked (restricted) or not.
csp_RestrictionTableModify	Stored Procedure	Updates the attributes of a RestrictionTable object based on the values passed in via the parameters. The @ObjectId parameter identifies the RestrictionTable object that is updated.

Table Triggers

No triggers are specified for tbl_RestrictionTable.

Column Properties

CreationTime

Property Name	Value
Description:	The date and time this restriction table was created.
Notes:	
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Occurrences In Views:	vw_RestrictionTable
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultBlocked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection permits the phone number in the case where a phone number does not match any call patterns in this restriction table.
Notes:	This condition should never occur. By default, all restriction tables should have "*" as the call pattern in the last dial string of the table and an administrator should not be allowed to modify this call pattern setting. Values: 0: Blocked 1: Not blocked
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RestrictionTable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this restriction table to be used when displaying entries in the administrative console. For example, "{Default Transfer}."
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RestrictionTable

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectID

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this restriction table belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RestrictionTable
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxDigits

Property Name	Value
Description:	The maximum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.

Property Name	Value
Notes:	Only dial strings that contain a number of digits fewer than or equal to the number of digits specified in this column are checked against the restriction table. Dial strings that contain more than the number of digits specified in this column are not permitted. For example, if local calls in your area are seven digits long, and you want to prevent subscribers from using long distance phone numbers, enter 8 in this column. (A local number plus the access code for the phone system equals 8 digits.)
Business Rules:	
Developer Notes:	2007-01-10 ekostenb - Increased default value from 30 to 40 to be consistent with max length of DtmfAccessId. (See CSCse35826).
Occurrences In Views:	vw_RestrictionTable
Primary Key:	False
Allow Null:	False
Default Value:	40
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	300

MinDigits

Property Name	Value
Description:	The minimum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Notes:	Only dial strings that contain a number of digits greater than or equal to the number of digits specified in this column are checked against the restriction table. Dial strings that contain fewer than the number of digits specified in this column are not permitted. For example, to prohibit subscribers from using four-digit numbers, enter a value of 5 in this column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RestrictionTable
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	300

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_RestrictionTable
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this restriction table can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Values: 0: Restriction table can be deleted 1: Restriction table cannot be deleted
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RestrictionTable
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.82. tbl_Role

A group of authorized operations for users that control administrative access to the system. A Role represents a collection of Privileges. Users take on assigned roles. For example, a Unity Organization Administrator, VMS Administrator, Help Desk, and so on.

Additional Information

Cisco Unity Connection provides a collection of predefined roles, which can be assigned to a user for a given resource. In the future, administrators will have the ability to create custom roles.

System access that formerly was controlled by Class Of Service (COS) is now controlled by the combination of roles, privileges and policies.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a Role object.	ObjectID
	IsEnabled	smallint (2 bytes)	False	A flag indicating whether the role is enabled and is available in the SA.	Bool
	ReadOnly	smallint (2 bytes)	False	Is role read-only?	Bool
	RoleDescription	lvarchar (256 characters)	True	A description of the purpose of this role and its assigned capabilities.	
	RoleName	nvarchar (64 characters)	False	The given, unique text name of the user role. For example, "User Administrator," "Help Desk Administrator," "Technician," etc.	

Table Keys

CK_tbl_Role_RoleName

Property Name	Value
Description:	Uniquely identifies the name of a role in tbl_Role.
Type:	Candidate
Column(s):	RoleName
Clustered?	False
Constraint Error String:	Duplicate role name

PK_tbl_Role

Property Name	Value
Description:	Uniquely identifies a role in this table and exclusively represents that role throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate role. A role with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Role.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Role.

Table Relationships (Foreign Keys)

tbl_Role has no relationships specified with other tables.

Additional relationships with tbl_Role are defined in the following tables:

[tbl_Policy](#)

[tbl_RolePrivilegeMap](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Role:

Name	Object Type	Description
vw_Role	View	A simple view for tbl_Role containing all Roles that are enabled (IsEnabled=1).
csp_RoleCreate	Stored Procedure	Creates a new Role object by inserting a new row into tbl_Role. A Role consists of a range of authorized operations for users that control access to the system.
csp_RoleDelete	Stored Procedure	Deletes a Role object from tbl_Role as specified by the @ObjectId parameter.
csp_RoleModify	Stored Procedure	Updates the attributes of a Role object based on the values passed in via the parameters. The @ObjectId parameter identifies the Role object that is updated.

Table Triggers

No triggers are specified for tbl_Role.

Column Properties

IsEnabled

Property Name	Value
Description:	A flag indicating whether the role is enabled and is available in the SA.
Notes:	This flag is used primarily to hide roles associated with the Community Voice Mail application from the standard product. Values: 0: Role disabled, do not display in the SA 1: Role is enabled, display in the SA
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Role
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Role object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_Role

Property Name	Value
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReadOnly

Property Name	Value
Description:	Is role read-only?
Notes:	Default roles are read only.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Role
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RoleDescription

Property Name	Value
Description:	A description of the purpose of this role and its assigned capabilities.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Role
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	All unicode characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RoleName

Property Name	Value
Description:	The given, unique text name of the user role. For example, "User Administrator," "Help Desk Administrator," "Technician," etc.
Notes:	Cisco Unity Connection ships with a collection of predefined roles, which cannot be altered.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Role
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	All unicode characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.83. tbl_RolePrivilegeMap

A mapping of a privilege to a role.

Additional Information

A role can be associated with one or more privileges.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	PrivilegeObjectId	char (36 characters)	False	The unique identifier of the Privilege object that is mapped to the specified role.	ObjectID
PK, FK	RoleObjectId	char (36 characters)	False	The unique identifier of the Role object that is mapped to the specified privilege.	ObjectID

Table Keys

PK_tbl_RolePrivilegeMap

Property Name	Value
Description:	Uniquely identifies a combination of a role and privilege in this table and exclusively represents that particular combination throughout the database.
Type:	Primary
Column(s):	PrivilegeObjectId , RoleObjectId
Clustered?	True
Constraint Error String:	Duplicate role/privilege. A role/privilege with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_RolePrivilegeMap.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_RolePrivilegeMap.

Table Relationships (Foreign Keys)

tbl_RolePrivilegeMap has the following relationships with other tables:

tbl_RolePrivilegeMap.PrivilegeObjectId (1..*) ----- (1..1) tbl_Privilege.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_RolePrivilegeMap_PrivilegeObjectId_tbl_Privilege_ObjectId
Description:	Each privilege must be assigned to one role.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_RolePrivilegeMap and tbl_Privilege linked by the foreign key PrivilegeObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a privilege to which this role is assigned or to assign this role to a nonexistent privilege.

tbl_RolePrivilegeMap.RoleObjectId (1..*) ----- (1..1) tbl_Role.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_RolePrivilegeMap_RoleObjectId_tbl_Role_ObjectId
Description:	Each role may have one or more privileges.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_RolePrivilegeMap and tbl_Role linked by the foreign key RoleObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a role to which this privilege is assigned or to assign this privilege to a nonexistent role.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_RolePrivilegeMap:

Name	Object Type	Description
vw_RolePrivilegeMap	View	A simple view for tbl_RolePrivilegeMap.

Table Triggers

No triggers are specified for tbl_RolePrivilegeMap.

Column Properties

PrivilegeObjectid

Property Name	Value
Description:	The unique identifier of the Privilege object that is mapped to the specified role.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RolePrivilegeMap
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RoleObjectid

Property Name	Value
Description:	The unique identifier of the Role object that is mapped to the specified privilege.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RolePrivilegeMap
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.84. tbl_RoutingRule

A series of rules that let Cisco Unity Connection determine how to route incoming calls (e.g., to the operator, a specific subscriber, call handler, directory handler, or interview handler) based on the information that Cisco Unity Connection may have about a call, such as the calling phone number (ANI or caller ID), the trunk or port on which the call comes in, the dialed phone number (DNIS), the forwarding station, and the schedule.

Additional Information

When Cisco Unity Connection receives a call, it first determines if it is a direct or forwarded call based on the information contained in the serial or DTMF packet sent by the phone system, and then applies the applicable call routing table. If the call information matches all of the settings for the first rule, the call is routed as specified in the rule. If any call information does not match the settings specified in the first rule, the call information is then compared to the settings of the second rule, and so on, until a rule is found that matches all the characteristics of the call.

The integration between the phone system and Cisco Unity Connection determines the information that is provided about a call (for example, call type, port, trunk, calling number, and dialed number). The schedule is determined by the date and time the call is received.

Cisco Unity Connection has four predefined routing rules. The predefined routing rules for Direct Calls are:

- * Attempt Sign-In - Sends calls from subscribers to the subscriber logon conversation.
- * Default Call Handler - Sends calls from unidentified callers to the opening greeting.

The predefined rules for Forwarded Calls are:

- * Attempt Forward to Greeting - Sends all calls from a subscriber extension to the subscriber greeting.
- * Default Call Handler - Sends calls forwarded from an extension that is not associated with a subscriber to the opening greeting.

Formerly named "tbl_Rule" in Unity 4.x.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a RoutingRule object.	ObjectId
FK	CallActionObjectId	char (36 characters)	False	The unique identifier of the CallAction object that Cisco Unity Connection will take (as specified by the CallAction object) if this rule evaluates to true.	ObjectId
	CallType	smallint (2 bytes)	False	The type of call.	RoutingRule-CallType
	DisplayName	nvarchar (64 characters)	False	The unique text name of the routing rule to be used when displaying entries in the administrative console. For example, the display name for the default routing rule for attempting subscriber sign-in is "Attempt Sign-In."	DisplayName

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	Flags	smallint (2 bytes)	False	A flag indicating whether the rule can be edited or deleted.	RoutingRule-Flags
	LanguageCode	int (4 bytes)	True	The Windows Locale ID (LCID) identifying the language Cisco Unity Connection will associate with the call.	Language-Code
	RuleIndex	smallint (2 bytes)	False	The order in which Cisco Unity Connection executes the rules. A zero-based index is used to determine the order.	
	State	smallint (2 bytes)	False	The state of the rule (active, inactive, or invalid).	RuleState
	Type	smallint (2 bytes)	False	The type of rule based on call type (direct, forwarded, or system).	RoutingRule-Type
	UseCallLanguage	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool

Table Keys

CK_tbl_RoutingRule_RuleIndex

Property Name	Value
Description:	Uniquely identifies the number of a rule in tbl_RoutingRule.
Type:	Candidate
Column(s):	RuleIndex
Clustered?	False
Constraint Error String:	Duplicate routing rule index.

CK_tbl_RoutingRule_DisplayName

Property Name	Value
Description:	Uniquely identifies the name of a routing rule in tbl_RoutingRule.
Type:	Candidate
Column(s):	DisplayName
Clustered?	False
Constraint Error String:	Duplicate system routing rule name.

PK_tbl_RoutingRule

Property Name	Value
Description:	Uniquely identifies a rule in this table and exclusively represents that rule throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate routing rule. A routing rule with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_RoutingRule.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_RoutingRule.

Table Relationships (Foreign Keys)

tbl_RoutingRule has the following relationships with other tables:

tbl_RoutingRule.CallActionObjectId (0..*) ----- (1..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_RoutingRule_CallActionObjectId_tbl_CallAction_ObjectId
Description:	Each routing rule must be assigned one call action. Each call action may apply to one or more routing rules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_RoutingRule and tbl_CallAction linked by the foreign key CallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the call action to which this routing rule is assigned or to assign this routing rule to a nonexistent call action.

Additional relationships with tbl_RoutingRule are defined in the following tables:

[tbl_RoutingRuleCondition](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_RoutingRule:

Name	Object Type	Description
vw_RoutingRule	View	Contains a series of rules that let Cisco Unity Connection determine how to route incoming calls (e.g., to the operator, a specific subscriber, call handler, directory handler, or interview handler) based on the information that Cisco Unity Connection may have about a call, such as the calling phone number (ANI or caller ID), the trunk or port on which the call comes in, the dialed phone number (DNIS), the forwarding station, and the schedule.
vw_RoutingRuleCondition	View	Condition of a routing rule (system call routing rule)
csp_RoutingRuleCreate	Stored Procedure	Creates a new RoutingRule by inserting a row into tbl_RoutingRule. The new rule is added to the top of the list.
csp_RoutingRuleDelete	Stored Procedure	Deletes a RoutingRule object from tbl_RoutingRule as specified by the @ObjectId parameter. All rules below the one deleted are moved up in the list by one.
csp_RoutingRuleModify	Stored Procedure	Updates the attributes of a RoutingRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the RoutingRule object that is updated.

Table Triggers

No triggers are specified for tbl_RoutingRule.

Column Properties

CallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection will take (as specified by the CallAction object) if this rule evaluates to true.

Property Name	Value
Notes:	<p>Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible actions that Cisco Unity Connection can take depending on a routing rule evaluating to true. In Unity 4.0(4), the possible conversations to route to are as follows:</p> <ul style="list-style-type: none"> * AD - Sends the call to the specified directory handler. * AttemptForward - Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * AvConvEasySignIn. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * AvConvSubSystemTransfer - Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * AvConvSystemTransfer - Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * CHInterview - Sends the call to the specified interview handler. * ConvCVMBoxReset - This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotelCheckedOut - When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - This is a special conversation for "Live Record." * GreetingsAdministrator - Sends the call to a conversation for changing call handler greetings over the phone. For example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed. * PHGreeting - Sends the call to the greeting of the specified subscriber. * PHTransfer - Sends the call to the specified call handler. * SubSignIn - Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. <p>Please refer to tbl_Conversation for more information.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRule
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallType

Property Name	Value
Description:	The type of call.
Notes:	Values: 0: 1: 2:
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRule , vw_RoutingRuleCondition
Primary Key:	False
Allow Null:	False
Default Value:	2
Custom Type:	RoutingRuleCallType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of the routing rule to be used when displaying entries in the administrative console. For example, the display name for the default routing rule for attempting subscriber sign-in is "Attempt Sign-In."
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRule
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Flags

Property Name	Value
Description:	A flag indicating whether the rule can be edited or deleted.
Notes:	<p>The predefined, default routing rules are set to a value of "0" indicating that they cannot be edited or deleted.</p> <p>Values:</p> <p>0: Immutable - cannot be edited or deleted.</p> <p>1: Deletable - can be deleted.</p> <p>2: Editable - can be edited.</p> <p>3: Editable and deletable - can be edited and deleted.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRule
Primary Key:	False
Allow Null:	False
Default Value:	3
Custom Type:	RoutingRuleFlags
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) identifying the language Cisco Unity Connection will associate with the call.

Property Name	Value																																																																																														
Notes:	<p>This column contains the language code that maps to a LCID. A few examples:</p> <table> <tr><td>Language</td><td>LCID</td></tr> <tr><td>ENU</td><td>1033</td></tr> <tr><td>CHS</td><td>2052</td></tr> <tr><td>DEU</td><td>1031</td></tr> <tr><td>FRA</td><td>1036</td></tr> </table> <p>If the language contains NULL, Cisco Unity Connection determines the language to use on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to NULL for every rule and handler that processes a call, then the system prompts are played in the default phone language.</p> <p>Values:</p> <table> <tr><td>10241: Arabic_Syria</td><td>10241</td></tr> <tr><td>10249: English_Belize</td><td>10249</td></tr> <tr><td>1025: Arabic_Saudi_Arabia</td><td>1025</td></tr> <tr><td>10250: Spanish_Peru</td><td>10250</td></tr> <tr><td>1026: Bulgarian</td><td>1026</td></tr> <tr><td>1027: Catalan</td><td>1027</td></tr> <tr><td>1028: Chinese_Taiwan</td><td>1028</td></tr> <tr><td>1029: Czech</td><td>1029</td></tr> <tr><td>1030: Danish</td><td>1030</td></tr> <tr><td>1031: German_Standard</td><td>1031</td></tr> <tr><td>1032: Greek</td><td>1032</td></tr> <tr><td>1033: English_United_States</td><td>1033</td></tr> <tr><td>1034: Spanish_Traditional_Sort</td><td>1034</td></tr> <tr><td>1035: Finnish</td><td>1035</td></tr> <tr><td>1036: French_Standard</td><td>1036</td></tr> <tr><td>1037: Hebrew</td><td>1037</td></tr> <tr><td>1038: Hungarian</td><td>1038</td></tr> <tr><td>1039: Icelandic</td><td>1039</td></tr> <tr><td>1040: Italian_Standard</td><td>1040</td></tr> <tr><td>1041: Japanese</td><td>1041</td></tr> <tr><td>1042: Korean</td><td>1042</td></tr> <tr><td>1043: Dutch_Standard</td><td>1043</td></tr> <tr><td>1044: Norwegian_Bokmal</td><td>1044</td></tr> <tr><td>1045: Polish</td><td>1045</td></tr> <tr><td>1046: Portuguese_Brazilian</td><td>1046</td></tr> <tr><td>1047: Rhaeto-Romanic</td><td>1047</td></tr> <tr><td>1048: Romanian</td><td>1048</td></tr> <tr><td>1049: Russian</td><td>1049</td></tr> <tr><td>1050: Croatian</td><td>1050</td></tr> <tr><td>1051: Slovak</td><td>1051</td></tr> <tr><td>1052: Albanian</td><td>1052</td></tr> <tr><td>1053: Swedish</td><td>1053</td></tr> <tr><td>1054: Thai</td><td>1054</td></tr> <tr><td>1055: Turkish</td><td>1055</td></tr> <tr><td>1056: Urdu</td><td>1056</td></tr> <tr><td>1057: Indonesian</td><td>1057</td></tr> <tr><td>1058: Ukrainian</td><td>1058</td></tr> <tr><td>1059: Belarusian</td><td>1059</td></tr> <tr><td>1060: Slovenian</td><td>1060</td></tr> <tr><td>1061: Estonian</td><td>1061</td></tr> <tr><td>1062: Latvian</td><td>1062</td></tr> <tr><td>1063: Lithuanian</td><td>1063</td></tr> </table>	Language	LCID	ENU	1033	CHS	2052	DEU	1031	FRA	1036	10241: Arabic_Syria	10241	10249: English_Belize	10249	1025: Arabic_Saudi_Arabia	1025	10250: Spanish_Peru	10250	1026: Bulgarian	1026	1027: Catalan	1027	1028: Chinese_Taiwan	1028	1029: Czech	1029	1030: Danish	1030	1031: German_Standard	1031	1032: Greek	1032	1033: English_United_States	1033	1034: Spanish_Traditional_Sort	1034	1035: Finnish	1035	1036: French_Standard	1036	1037: Hebrew	1037	1038: Hungarian	1038	1039: Icelandic	1039	1040: Italian_Standard	1040	1041: Japanese	1041	1042: Korean	1042	1043: Dutch_Standard	1043	1044: Norwegian_Bokmal	1044	1045: Polish	1045	1046: Portuguese_Brazilian	1046	1047: Rhaeto-Romanic	1047	1048: Romanian	1048	1049: Russian	1049	1050: Croatian	1050	1051: Slovak	1051	1052: Albanian	1052	1053: Swedish	1053	1054: Thai	1054	1055: Turkish	1055	1056: Urdu	1056	1057: Indonesian	1057	1058: Ukrainian	1058	1059: Belarusian	1059	1060: Slovenian	1060	1061: Estonian	1061	1062: Latvian	1062	1063: Lithuanian	1063
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Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRule

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RoutingRule object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_RoutingRule
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RuleIndex

Property Name	Value
Description:	The order in which Cisco Unity Connection executes the rules. A zero-based index is used to determine the order.

Property Name	Value
Notes:	Rules are ordered from 0 to N, and are executed in order beginning with 0.
Business Rules:	
Developer Notes:	There is no maximum value constraint.
Occurrences In Views:	vw_RoutingRule
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

State

Property Name	Value
Description:	The state of the rule (active, inactive, or invalid).
Notes:	Values: 0: Active - rule is active. 1: Inactive - rule is inactive. 2: Invalid - the rule is invalid.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RuleState
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The type of rule based on call type (direct, forwarded, or system).
Notes:	Values: 1: Direct - calls from subscribers and unidentified callers that are dialed directly to Cisco Unity Connection. 2: Forwarded - calls forwarded from specific extensions are routed according to the defined rules. 3: System - both calls from unidentified callers or calls forwarded from an extension that is not associated with a subscriber account are routed to the Opening Greeting via the "Default Call Handler" rule. This is the last rule in the routing rule table
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRule
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	RoutingRuleType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag would be used only in those extremely rare situations where a call goes from a routing rule to a call handler, and then back to another routing rule.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRule
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.85. tbl_RoutingRuleCondition

The condition elements of a routing rule

Additional Information

Each routing rule comprised of zero or more conditions. There is an implicit "and" between all of the conditions ("or" is not supported).

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	Unique identifier for this condition	ObjectID
	OperandValue	varchar (64 characters)	False	Value of operand in condition	
	Operator	int (4 bytes)	False	Type of operator in this condition - equals, greater than, etc.	RoutingRule-Operator
	Parameter	int (4 bytes)	False	Type of parameter in this condition - port, calling number, etc.	RoutingRule-Parameter
FK	RoutingRuleObjectId	char (36 characters)	False	Object Id of the routing rule this condition belongs to	ObjectID

Table Keys

PK_tbl_RoutingRuleCondition

Property Name	Value
Description:	Primary key
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate condition: a condition with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_RoutingRuleCondition.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_RoutingRuleCondition.

Table Relationships (Foreign Keys)

tbl_RoutingRuleCondition has the following relationships with other tables:

tbl_RoutingRuleCondition.RoutingRuleObjectId (0..*) -----(1..1) tbl_RoutingRule.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_RoutingRuleCondition_RoutingRuleObjectId_tbl_RoutingRule_ObjectId
Description:	Each rule condition must belong to a valid rule
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_RoutingRuleCondition and tbl_RoutingRule linked by the foreign key RoutingRuleObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	A routing rule condition must reference a valid routing rule.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_RoutingRuleCondition:

Name	Object Type	Description
vw_RoutingRuleCondition	View	Condition of a routing rule (system call routing rule)
csp_RoutingRuleConditionCreate	Stored Procedure	Create a row in tbl_RoutingRuleCondition
csp_RoutingRuleConditionDelete	Stored Procedure	Delete a row in tbl_RoutingRuleCondition
csp_RoutingRuleConditionModify	Stored Procedure	Modify a row in tbl_RoutingRuleCondition

Table Triggers

No triggers are specified for tbl_RoutingRuleCondition.

Column Properties

ObjectId

Property Name	Value
Description:	Unique identifier for this condition
Notes:	This is needed for modification via the SA - each condition must have some unique identifier.
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_RoutingRuleCondition
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OperandValue

Property Name	Value
Description:	Value of operand in condition
Notes:	This could be a port number, a phone number, etc. depending on Parameter value.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRuleCondition
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Operator

Property Name	Value
Description:	Type of operator in this condition - equals, greater than, etc.
Notes:	Values: 1: IN Operator 2: Equals operator 3: Greater than operator 4: Less than operator 5: Less than or equal operator 6: Greater than or equal operator
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRuleCondition
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	RoutingRuleOperator
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Parameter

Property Name	Value
Description:	Type of parameter in this condition - port, calling number, etc.
Notes:	Values: 1: CallingNumber 2: DialedNumber 3: ForwardingStation 4: Origin 5: PortID 6: Reason 7: Schedule 8: TrunkID
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRuleCondition
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	RoutingRuleParameter
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RoutingRuleObjectId

Property Name	Value
Description:	Object Id of the routing rule this condition belongs to
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RoutingRuleCondition
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.86. tbl_RtpCodecDef

An audio codec supported for streaming (RTP), one row for each supported codec.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	Primary key	ObjectID
	DisplayName	nvarchar (64 characters)	False	Codec name displayed to end user	DisplayName
	SdpPayloadType	int (4 bytes)	False	Numeric identifier for the codec used in Session Description Protocol.	

Table Keys

CK_tbl_RtpCodecDef_SdpPayloadType

Property Name	Value
Description:	Only one row is permitted for a specific payload type
Type:	Candidate
Column(s):	SdpPayloadType
Clustered?	False
Constraint Error String:	Duplicate payload type.

PK_tbl_RtpCodecDef

Property Name	Value
Description:	
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate RTP codec. A RTP codec with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_RtpCodecDef.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_RtpCodecDef.

Table Relationships (Foreign Keys)

tbl_RtpCodecDef has no relationships specified with other tables.

Additional relationships with **tbl_RtpCodecDef** are defined in the following tables:

[tbl_RtpCodecDefPacketSize](#)

[tbl_MediaPortGroupCodec](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_RtpCodecDef:

Name	Object Type	Description
vw_MediaPortGroupCodec	View	Simple view for tbl_MediaPortGroupCodec
vw_RtpCodecDef	View	Simple view for tbl_RtpCodecDef

Table Triggers

No triggers are specified for tbl_RtpCodecDef.

Column Properties

DisplayName

Property Name	Value
Description:	Codec name displayed to end user
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RtpCodecDef , vw_MediaPortGroupCodec
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Primary key
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RtpCodecDef
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SdpPayloadType

Property Name	Value
Description:	Numeric identifier for the codec used in Session Description Protocol.
Notes:	
Business Rules:	
Developer Notes:	Payload types for G.711, G.722, and G.729 are defined in RFC 3551. Payload type for iLBC is found in RFC 3552.
Occurrences In Views:	vw_RtpCodecDef
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	200

3.87. tbl_RtpCodecDefPacketSize

The RTP packet sizes supported for audio streaming.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectID	char (36 characters)	False	Primary key	ObjectID
	PacketSizeMs	int (4 bytes)	False	Packet size is milliseconds	RTPPacket-SizeMs
FK	RtpCodecDefObjectID	char (36 characters)	False	Foreign key to the codec for which this packet is supported.	ObjectID

Table Keys

CK_tbl_RtpCodecDefPacketSize_PacketSizeMs_RtpCodecDefObjectID

Property Name	Value
Description:	A packet size may be specified only once for a specific codec.
Type:	Candidate
Column(s):	PacketSizeMs , RtpCodecDefObjectID
Clustered?	False
Constraint Error String:	Duplicate packet size for this RTP codec.

PK_tbl_RtpCodecDefPacketSize

Property Name	Value
Description:	
Type:	Primary
Column(s):	ObjectID
Clustered?	False
Constraint Error String:	Duplicate RTP codec packet size. A RTP codec packet size with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_RtpCodecDefPacketSize.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_RtpCodecDefPacketSize.

Table Relationships (Foreign Keys)

tbl_RtpCodecDefPacketSize has the following relationships with other tables:

tbl_RtpCodecDefPacketSize.RtpCodecDefObjectId (0..*) -----(1..1) tbl_RtpCodecDef.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_RtpCodecDefPacketSize_RtpCodecDefObjectId_tbl_RtpCodecDef_ObjectId
Description:	Each RtpCodecDefPacketSize must define the packet size for one RtpCodecDef. Each RtpCodecDef may support one or more RtpCodecDefPacketSize objects.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_RtpCodecDefPacketSize and tbl_RtpCodecDef linked by the foreign key RtpCodecDefObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this RTP codec packet size to a nonexistent RTP codec.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_RtpCodecDefPacketSize:

Name	Object Type	Description
vw_RtpCodecDefPacketSize	View	Simple view for tbl_RtpCodecDefPacketSize

Table Triggers

No triggers are specified for tbl_RtpCodecDefPacketSize.

Column Properties

ObjectId

Property Name	Value
Description:	Primary key
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RtpCodecDefPacketSize
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PacketSizeMs

Property Name	Value
Description:	Packet size is milliseconds
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RtpCodecDefPacketSize
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	RTPPacketSizeMs
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RtpCodecDefObjectId

Property Name	Value
Description:	Foreign key to the codec for which this packet is supported.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_RtpCodecDefPacketSize
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.88. tbl_Schedule

An ordered list of dates and times that Cisco Unity Connection uses to manage calls. A schedule is used to establish standard hours versus closed hours for a system or subscriber (what greeting to play when and the action to take after the greeting). A schedule is also used for personal routing rules (when/where to transfer incoming calls), and notification rules (when/where to notify a Subscriber of messages).

See ScheduleSet for more information on how Schedules are used.

Additional Information

Holidays are defined using a schedule now, and instead of a "exclude holiday" check box they can be added to schedule sets with "exclude".

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.	ObjectId
	DisplayName	nvarchar (64 characters)	False	The preferred text name of this schedule to be used when displaying entries in the administrative console and Cisco Personal Assistant.	DisplayName
	EndDate	datetime (8 bytes)	True	The date and time when schedule ends, or NULL if effective indefinitely.	
	IsHoliday	smallint (2 bytes)	False	A flag indicating whether this schedule represents a holiday.	Bool
	LastModified	datetime (8 bytes)	True	The date and time this schedule was last modified in Exchange - for synchronization.	
FK	Owner_LocationObjectId	char (36 characters)	True	The owner of this schedule. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule belongs. Commonly referred to as a "system" schedule. Otherwise, this attribute is set to NULL.	ObjectId
FK	Owner_PersonalRuleSetObjectId	char (36 characters)	True	The owner of this schedule. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule belongs. Otherwise, this attribute is set to NULL.	ObjectId
FK	Owner_SubscriberObjectId	char (36 characters)	True	The owner of this schedule. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule belongs. Otherwise, this attribute is set to NULL.	ObjectId

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	StartDate	datetime (8 bytes)	True	The date and time when schedule becomes active, or NULL if active immediately.	
	Undeleteable	smallint (2 bytes)	False	A flag indicating whether this schedule can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool

Table Keys

CK_tbl_Schedule_DisplayName_Owner_LocationObjectId_Owner_PersonalRuleSetObjectId_Owner_SubscriberObjectId

Property Name	Value
Description:	Uniquely identifies the name of a schedule by owner.
Type:	Candidate
Column(s):	DisplayName , Owner_LocationObjectId , Owner_PersonalRuleSetObjectId , Owner_SubscriberObjectId
Clustered?	False
Constraint Error String:	Duplicate schedule name for this owner (user, personal rule set, location).

PK_tbl_Schedule

Property Name	Value
Description:	Uniquely identifies a schedule in this table and exclusively represents this schedule throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate schedule. A schedule with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Schedule.

Table Ad-Hoc Constraints

InvalidDate

Property Name	Value
Description:	Enforces data integrity of start and end date.
Notes:	
Developer Notes:	
Business Rules:	The start date must be earlier or equal to the end date.
Constraint Error String:	The start date of a schedule must be earlier than the end date.

Table Relationships (Foreign Keys)

tbl_Schedule has the following relationships with other tables:

tbl_Schedule.Owner_LocationObjectId (0..*)-----^(0..1) tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Schedule_Owner_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each schedule may be owned by one LocationVMS. Each LocationVMS may own one or more schedules. When a schedule is owned by a LocationVMS, it is commonly referred to as a "system" schedule.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Schedule and tbl_LocationVMS linked by the foreign key Owner_LocationObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the LocationVMS is deleted, the FK Cascade Delete constraint will ensure that the corresponding schedule is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent location as the owner of this schedule.

tbl_Schedule.Owner_PersonalRuleSetObjectId (0..*)-----^(0..1) tbl_PersonalRuleSet.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Schedule_Owner_PersonalRuleSetObjectId_tbl_PersonalRuleSet_ObjectId
Description:	Each schedule may be owned by one personal rule set. Each personal rule set may own one or more schedules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Schedule and tbl_PersonalRuleSet linked by the foreign key Owner_PersonalRuleSetObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	Personal rule sets use schedules that are private to the rule set, and should not be listed with the other schedules owned directly by the subscriber. When the personal rule set is deleted, the FK Cascade Delete constraint will ensure that the corresponding schedule is also deleted.

Property Name	Value
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a personal rule set that is the owner of this schedule or to designate a nonexistent personal rule set as the owner of this schedule.

tbl_Schedule.Owner_SubscriberObjectId (0..*)-----^(0..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_Schedule_Owner_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each schedule may be owned by one subscriber. Each subscriber may own one or more schedules.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_Schedule and tbl_UserSubscriber linked by the foreign key Owner_SubscriberObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the subscriber is deleted, the FK Cascade Delete constraint will ensure that the corresponding schedule is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent user as the owner of this schedule.

Additional relationships with tbl_Schedule are defined in the following tables:

[tbl_ScheduleDetail](#)

[tbl_ScheduleSetMemberMap](#)

[tbl_UserSubscriber](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Schedule:

Name	Object Type	Description
vw_Schedule	View	A simple view for tbl_Schedule.
csp_ScheduleCreate	Stored Procedure	Creates a new Schedule object by inserting a new row into tbl_Schedule.
csp_ScheduleDelete	Stored Procedure	Deletes a Schedule object from tbl_Schedule as specified by the @ObjectId parameter.

Name	Object Type	Description
csp_ScheduleIsActive	Stored Procedure	Determines if a Schedule is currently active. Returns a value of 1 in @IsActive if the Schedule object specified by @ScheduleObjectId is found to be active.
csp_ScheduleModify	Stored Procedure	Updates the attributes of a Schedule object based on the values passed in via the parameters. The @ObjectId parameter identifies the Schedule object that is updated.
csp_ScheduleSetIsActive	Stored Procedure	Determines if a ScheduleSet is currently active. Returns a value of 1 in @IsActive if the ScheduleSet object specified by @ScheduleSetObjectId is found to be active.

Table Triggers

No triggers are specified for tbl_Schedule.

Column Properties

DisplayName

Property Name	Value
Description:	The preferred text name of this schedule to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Schedule
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EndDate

Property Name	Value
Description:	The date and time when schedule ends, or NULL if effective indefinitely.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Schedule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsHoliday

Property Name	Value
Description:	A flag indicating whether this schedule represents a holiday.
Notes:	Used to determine if this schedule should trigger holiday greetings or not. Values: 0: This schedule is not a holiday 1: This schedule is a holiday
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Schedule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModified

Property Name	Value
Description:	The date and time this schedule was last modified in Exchange - for synchronization.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Schedule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_Schedule
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_LocationObjectId

Property Name	Value
Description:	The owner of this schedule. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule belongs. Commonly referred to as a "system" schedule. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NULL.
Business Rules:	A schedule must have a owner and can have only one owner.
Developer Notes:	
Occurrences In Views:	vw_Schedule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_PersonalRuleSetObjectId

Property Name	Value
Description:	The owner of this schedule. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule belongs. Otherwise, this attribute is set to NULL.
Notes:	Schedules for rules are created behind the scenes, and should not be visible to subscribers. Therefore they are owned by the RuleSet instead. They are also removed with the rule on delete that way. Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NULL.
Business Rules:	A schedule must have a owner and can have only one owner.
Developer Notes:	
Occurrences In Views:	vw_Schedule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this schedule. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NULL.
Business Rules:	A schedule must have a owner and can have only one owner.
Developer Notes:	
Occurrences In Views:	vw_Schedule
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StartDate

Property Name	Value
Description:	The date and time when schedule becomes active, or NULL if active immediately.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Schedule
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this schedule can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	<p>This setting is used to prevent the deletion of factory defaults such as the "All Hours" schedule included with every VMS.</p> <p>Values:</p> <p>0: The schedule can be deleted by an administrator (with the required privilege).</p> <p>1: The schedule cannot be deleted by an administrator.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Schedule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.89. tbl_ScheduleDetail

A single schedule event that specifies what day(s) of the week the event is active, and between what times. A schedule can have multiple schedule details.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a SceduelDetail object.	ObjectID
	DirectoryId	lvarchar (2048 characters)	True	The ID of this object in the directory or message store if it represents an appointment in another groupware package.	DirectoryId
	EndDate	datetime (8 bytes)	True	The date when this schedule detail ends. A value of NULL indicates the scheule is active indefinitely.	
	EndTime	int (4 bytes)	True	The end time (in minutes) for the active day or days. The end time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL means "till the end of the day" (e.g. 11:59:59 PM in Linux land).	
	IsActiveFriday	smallint (2 bytes)	False	A flag indicating whether this schedule is active on Friday.	Bool
	IsActiveMonday	smallint (2 bytes)	False	A flag indicating whether this schedule is active on Monday.	Bool
	IsActiveSaturday	smallint (2 bytes)	False	A flag indicating whether this schedule is active on Saturday.	Bool
	IsActiveSunday	smallint (2 bytes)	False	A flag indicating whether this schedule is active on Sunday.	Bool
	IsActiveThursday	smallint (2 bytes)	False	A flag indicating whether this schedule is active on this Thursday.	Bool
	IsActiveTuesday	smallint (2 bytes)	False	A flag indicating whether this schedule is active on Tuesday.	Bool
	IsActiveWednesday	smallint (2 bytes)	False	A flag indicating whether this schedule is active on Wednesday.	Bool
	LastModified	datetime (8 bytes)	True	The time this appointment was last modified in Exchange - for synchronization.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
FK	ScheduleObjectId	char (36 characters)	False	The unique identifier of the parent Schedule object to which this schedule detail row belongs.	ObjectID
	StartDate	datetime (8 bytes)	True	The date when this schedule detail becomes active. A value of NULL means the schedule is active immediately.	
	StartTime	int (4 bytes)	True	The start time (in minutes) for the active day or days. The start time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL for the start time indicates 12:00 AM.	
	Subject	nvarchar (2048 characters)	True	The subject matter or description for this schedule detail row.	

Table Keys

PK_tbl_ScheduleDetail

Property Name	Value
Description:	Uniquely identifies a schedule detail in this table and exclusively represents this schedule detail throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate schedule detail. A schedule detail with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_ScheduleDetail.

Table Ad-Hoc Constraints

InvalidDate

Property Name	Value
Description:	Enforces data integrity of start and end date.
Notes:	
Developer Notes:	
Business Rules:	The start date must be earlier or equal to the end date.
Constraint Error String:	The start date of a schedule must be earlier than the end date.

InvalidTime

Property Name	Value
Description:	Enforces data integrity of start and end time.
Notes:	
Developer Notes:	
Business Rules:	The start time must be earlier or equal to the end time.
Constraint Error String:	The start time of a schedule must be earlier than the end time.

Table Relationships (Foreign Keys)

tbl_ScheduleDetail has the following relationships with other tables:

tbl_ScheduleDetail.ScheduleObjectId (0..*) ----- (1..1) tbl_Schedule.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_ScheduleDetail_ScheduleObjectId_tbl_Schedule_ObjectId
Description:	Each schedule detail must be assigned to one schedule. Each schedule may be assigned one or more schedule details.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_ScheduleDetail and tbl_Schedule linked by the foreign key ScheduleObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the schedule is deleted, the FK Cascade Delete constraint will ensure that the corresponding schedule detail is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this schedule detail to a nonexistent schedule.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_ScheduleDetail:

Name	Object Type	Description
vw_ScheduleDetail	View	A simple view for tbl_ScheduleDetail.
csp_ScheduleDetailCreate	Stored Procedure	Creates a new ScheduleDetail object by inserting a new row into tbl_ScheduleDetail.
csp_ScheduleDetailDelete	Stored Procedure	Deletes a ScheduleDetail object from tbl_ScheduleDetail as specified by the @ObjectId parameter.
csp_ScheduleDetailModify	Stored Procedure	Updates the attributes of a ScheduleDetail object based on the values passed in via the parameters. The @ObjectId parameter identifies the ScheduleDetail object that is updated.

Table Triggers

No triggers are specified for tbl_ScheduleDetail.

Column Properties

DirectoryId

Property Name	Value
Description:	The ID of this object in the directory or message store if it represents an appointment in another groupware package.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EndDate

Property Name	Value
Description:	The date when this schedule detail ends. A value of NULL indicates the scheule is active indefinitely.
Notes:	Although the EndDate date is stored as calendar date and time, the time portion of the value is disregarded.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EndTime

Property Name	Value
Description:	The end time (in minutes) for the active day or days. The end time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL means "till the end of the day" (e.g. 11:59:59 PM in Linux land).
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1440

IsActiveFriday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Friday.

Property Name	Value
Notes:	Values: 0: Not active on Friday 1: Active on Friday
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveMonday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Monday.
Notes:	Values: 0: Not active on Monday 1: Active on Monday
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveSaturday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Saturday.
Notes:	Values: 0: Not active on Saturday 1: Active on Saturday
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveSunday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Sunday.
Notes:	Values: 0: Not active on Sunday 1: Active on Sunday
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveThursday

Property Name	Value
Description:	A flag indicating whether this schedule is active on this Thursday.
Notes:	Values: 0: Not active on Thursday 1: Active on Thursday
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveTuesday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Tuesday.
Notes:	Values: 0: Not active on Tuesday 1: Active on Tuesday
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveWednesday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Wednesday.
Notes:	Values: 0: Not active on Wednesday 1: Active on Wednesday
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModified

Property Name	Value
Description:	The time this appointment was last modified in Exchange - for synchronization.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a ScehduelDetail object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleObjectId

Property Name	Value
Description:	The unique identifier of the parent Schedule object to which this schedule detail row belongs.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StartDate

Property Name	Value
Description:	The date when this schedule detail becomes active. A value of NULL means the schedule is active immediately.
Notes:	Although the StartDate is stored as calendar date and time, the time portion of the value is disregarded.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StartTime

Property Name	Value
Description:	The start time (in minutes) for the active day or days. The start time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL for the start time indicates 12:00 AM.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1440

Subject

Property Name	Value
Description:	The subject matter or description for this schedule detail row.
Notes:	Used primarily when synchronizing schedules with groupware systems such as Exchange.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleDetail
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

3.90. tbl_ScheduleSet

A combination of one or more schedules. For example, there could be a system schedule set that contains working hours and holidays (using the exclude option).

Additional Information

To enable this type of schedule combining, notification rules and call handlers will refer to a ScheduleSet object and not a Schedule object directly.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.	ObjectId
	DisplayName	nvarchar (64 characters)	False	The unique text name of this schedule set to be used when displaying entries in the administrative console and Cisco Personal Assistant.	DisplayName
FK	Owner_LocationObjectId	char (36 characters)	True	The owner of this schedule set. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule set (i.e., "system" schedule) belongs. Otherwise, this attribute is set to NULL.	ObjectId
FK	Owner_PersonalRuleSetObjectId	char (36 characters)	True	The owner of this schedule set. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule set belongs. Otherwise, this attribute is set to NULL.	ObjectId
FK	Owner_SubscriberObjectId	char (36 characters)	True	The owner of this schedule set. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule set belongs. Otherwise, this attribute is set to NULL.	ObjectId
	Undeleteable	smallint (2 bytes)	False	A flag indicating whether this schedule set can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool

Table Keys

CK_tbl_ScheduleSet_DisplayName_Owner_LocationObjectId_Owner_PersonalRuleSetObjectId_Owner_SubscriberObjectId

Property Name	Value
Description:	Uniquely identifies the name of a schedule set per owner.
Type:	Candidate
Column(s):	DisplayName , Owner_LocationObjectId , Owner_PersonalRuleSetObjectId , Owner_SubscriberObjectId
Clustered?	False
Constraint Error String:	Duplicate schedule set name for this owner (user, personal rule set, location).

PK_tbl_ScheduleSet

Property Name	Value
Description:	Uniquely identifies a schedule set in this table and exclusively represents this schedule set throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate schedule set. A schedule set with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_ScheduleSet.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_ScheduleSet.

Table Relationships (Foreign Keys)

tbl_ScheduleSet has the following relationships with other tables:

tbl_ScheduleSet.Owner_LocationObjectId (0..*)-----^(0..1)tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_ScheduleSet_Owner_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each schedule set may be owned by one LocationVMS. Each LocationVMS may be the owner of one or more schedule sets.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_ScheduleSet and tbl_LocationVMS linked by the foreign key Owner_LocationObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.

Property Name	Value
Notes:	When the LocationVMS is deleted, the FK Cascade Delete constraint will ensure that the corresponding schedule set is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent location as the owner of this schedule set.

tbl_ScheduleSet.Owner_PersonalRuleSetObjectId (0..*)-----^(1..1) tbl_PersonalRuleSet.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_ScheduleSet_Owner_PersonalRuleSetObjectId_tbl_PersonalRuleSet_ObjectId
Description:	Each schedule set may be owned by one personal rule set. Each personal rule set may be the owner of one or more schedule sets.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_ScheduleSet and tbl_PersonalRuleSet linked by the foreign key Owner_PersonalRuleSetObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the personal rule set is deleted, the FK Cascade Delete constraint will ensure that the corresponding schedule set is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a personal rule set that is the owner of this schedule set or to designate a nonexistent personal rule set as the owner of this schedule set.

tbl_ScheduleSet.Owner_SubscriberObjectId (0..*)-----^(0..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_ScheduleSet_Owner_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each schedule set may be owned by one subscriber. Each subscriber may be the owner of one or more schedule sets.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_ScheduleSet and tbl_UserSubscriber linked by the foreign key Owner_SubscriberObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the subscriber is deleted, the FK Cascade Delete constraint will ensure that the corresponding schedule set is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent user as the owner of this schedule set.

Additional relationships with tbl_ScheduleSet are defined in the following tables:

[tbl_CallHandler](#)

[tbl_NotificationRule](#)

[tbl_ScheduleSetMemberMap](#)

[tbl_PersonalRuleSet](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_ScheduleSet:

Name	Object Type	Description
vw_ScheduleSet	View	A simple view for tbl_ScheduleSet.
csp_ScheduleSetCreate	Stored Procedure	Creates a new ScheduleSet object by inserting a new row into tbl_ScheduleSet. A ScheduleSet is a group of schedules.
csp_ScheduleSetDelete	Stored Procedure	Deletes a ScheduleSet object from tbl_ScheduleSet as specified by the @ObjectId parameter.
csp_ScheduleSetIsActive	Stored Procedure	Determines if a ScheduleSet is currently active. Returns a value of 1 in @IsActive if the ScheduleSet object specified by @ScheduleSetObjectId is found to be active.
csp_ScheduleSetModify	Stored Procedure	Updates the attributes of a ScheduleSet object based on the values passed in via the parameters. The @ObjectId parameter identifies the ScheduleSet object that is updated.

Table Triggers

No triggers are specified for tbl_ScheduleSet.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this schedule set to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Notes:	
Business Rules:	The name of the schedule set must be unique.
Developer Notes:	
Occurrences In Views:	vw_ScheduleSet
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_ScheduleSet
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_LocationObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule set (i.e., "system" schedule) belongs. Otherwise, this attribute is set to NULL.

Property Name	Value
Notes:	Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NU
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleSet
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_PersonalRuleSetObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule set belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NU
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleSet
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule set belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NU
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleSet
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this schedule set can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	This setting is used to prevent the deletion of factory defaults such as the "All Hours" schedule set included with every VMS. Values: 0: The schedule set can be deleted by an administrator (with the required privilege). 1: The schedule set cannot be deleted by an administrator.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleSet
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.91. tbl_ScheduleSetMemberMap

A mapping of a schedule to a schedule set.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ScheduleObjectId	char (36 characters)	False	The unique identifier of the Schedule object that is a member of the schedule set.	ObjectID
PK, FK	ScheduleSetObjectId	char (36 characters)	False	The unique identifier of the ScheduleSet object to which the schedule belongs.	ObjectID
	Exclude	smallint (2 bytes)	False	A flag indicating whether the schedule is to be included or excluded from the schedule set.	Bool

Table Keys

PK_tbl_ScheduleSetMemberMap

Property Name	Value
Description:	Uniquely identifies a schedule set member in this table and exclusively represents this schedule set member throughout the database.
Type:	Primary
Column(s):	ScheduleObjectId , ScheduleSetObjectId
Clustered?	True
Constraint Error String:	Duplicate schedule set member. A schedule set member with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_ScheduleSetMemberMap.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_ScheduleSetMemberMap.

Table Relationships (Foreign Keys)

tbl_ScheduleSetMemberMap has the following relationships with other tables:

tbl_ScheduleSetMemberMap.ScheduleObjectId (1..1) ----- (1..1) tbl_Schedule.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_ScheduleSetMemberMap_ScheduleObjectId_tbl_Schedule_ObjectId
Description:	Each schedule is a member of a schedule set.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_ScheduleSetMemberMap and tbl_Schedule linked by the foreign key ScheduleObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the schedule is deleted, the FK Cascade Delete constraint will ensure that the corresponding schedule set member map is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this schedule set to a nonexistent schedule.

tbl_ScheduleSetMemberMap.ScheduleSetObjectId (1..1) ----- (1..1) tbl_ScheduleSet.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_ScheduleSetMemberMap_ScheduleSetObjectId_tbl_ScheduleSet_ObjectId
Description:	Each schedule set has members.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_ScheduleSetMemberMap and tbl_ScheduleSet linked by the foreign key ScheduleSetObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a schedule set to which this schedule set member map is assigned or to assign this schedule set member map to a nonexistent schedule set

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_ScheduleSetMemberMap:

Name	Object Type	Description
vw_ScheduleSetMemberMap	View	A simple view for tbl_ScheduleSetMemberMap.

Name	Object Type	Description
csp_ScheduleSetMemberMapCreate	Stored Procedure	Creates a new ScheduleSetMemberMap object by inserting a new row into tbl_ScheduleSetMemberMap thereby assigning a Schedule to a particular ScheduleSet.
csp_ScheduleSetMemberMapDelete	Stored Procedure	Deletes a ScheduleSetMemberMap object from tbl_ScheduleSetMemberMap as specified by the @ScheduleObjectId and @ScheduleSetObjectId parameters.

Table Triggers

No triggers are specified for tbl_ScheduleSetMemberMap.

Column Properties

Exclude

Property Name	Value
Description:	A flag indicating whether the schedule is to be included or excluded from the schedule set.
Notes:	Values: 0: Include 1: Exclude
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleSetMemberMap
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleObjectId

Property Name	Value
Description:	The unique identifier of the Schedule object that is a member of the schedule set.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleSetMemberMap
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectID

Property Name	Value
Description:	The unique identifier of the ScheduleSet object to which the schedule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_ScheduleSetMemberMap
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.92. tbl_SchemaInformation

The schema version for the database.

Additional Information

This table will contain a history of all upgrades.

This table does not have any constraints. Data will be inserted into the table before constraints become active.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	Build	int (4 bytes)	False	The schema build version.	
PK	CreationTime	datetime (8 bytes)	False	The date and time when the record was created.	
PK	Major	int (4 bytes)	False	The major version of the schema.	
PK	Minor	int (4 bytes)	False	The minor version of the schema.	
	IsCurrent	smallint (2 bytes)	False	The current product version.	
	Product	varchar (32 characters)	False	The product version.	

Table Keys

PK_tbl_SchemaInformation

Property Name	Value
Description:	Uniquely identifies a schema information row in this table and exclusively represents this schema information row throughout the database.
Type:	Primary
Column(s):	Build , CreationTime , Major , Minor
Clustered?	False
Constraint Error String:	Duplicate schema information record. A schema information record with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_SchemaInformation.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_SchemaInformation.

Table Relationships (Foreign Keys)

tbl_SchemaInformation has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_SchemaInformation:

Name	Object Type	Description
vw_SchemaInformation	View	Simple view for tbl_SchemaInformation

Table Triggers

No triggers are specified for tbl_SchemaInformation.

Column Properties

Build

Property Name	Value
Description:	The schema build version.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SchemaInformation
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time when the record was created.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SchemaInformation
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsCurrent

Property Name	Value
Description:	The current product version.
Notes:	The currently installed version is indicated by the row that has this column set to 1.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SchemaInformation
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Major

Property Name	Value
Description:	The major version of the schema.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SchemaInformation
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Minor

Property Name	Value
Description:	The minor version of the schema.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SchemaInformation
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Product

Property Name	Value
Description:	The product version.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SchemaInformation
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (32 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.93. tbl_Service

A process run as a service.

Additional Information

This table is used to keep track of the services that will be running, including the process name and information about the trace file used for the process.

Currently only used by the logging subsystem.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	Unique identifier for this service.	ObjectID
	AlarmCatalogId	varchar (254 characters)	True	Alarm catalog file name.	
	DefaultMaxTraceFileNumber	int (4 bytes)	False	The default value for the "MaxTraceFileNumber" column, the maximum number of trace files for this process.	
	DefaultMaxTraceFileSize	int (4 bytes)	False	The default value for the "MaxTraceFileSize" column, the maximum size of the trace file for this process (in MB).	
	DefaultMaxTraceStatementsPerFile	int (4 bytes)	False	The default value for the "MaxTraceStatementsPerFile" column, maximum number of trace statements per file.	
	Description	lvarchar (256 characters)	False	Description of the service.	
	DisplayName	nvarchar (64 characters)	False	Unitue text name of the service for display purposes.	DisplayName
	MaxTraceFileNumber	int (4 bytes)	False	Maximum number of trace files for this process.	
	MaxTraceFileSize	int (4 bytes)	False	Maximum size of the trace file for this process (in MB).	
	MaxTraceStatementsPerFile	int (4 bytes)	False	Maximum number of trace statements per file.	
	ProcessName	varchar (254 characters)	False	Name of process.	

Table Keys

CK_tbl_Service_DisplayName

Property Name	Value
Description:	Uniquely identifies the name of the service.
Type:	Candidate
Column(s):	DisplayName
Clustered?	False
Constraint Error String:	Duplicate service name.

PK_tbl_Service

Property Name	Value
Description:	Uniquely identifies service entry in the table.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate service record. A service record with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_Service.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_Service.

Table Relationships (Foreign Keys)

tbl_Service has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_Service:

Name	Object Type	Description
vw_Service	View	Simple view for tbl_Service
csp_ServiceModify	Stored Procedure	Updates the attributes of a Service object based on the values passed in via the parameters. The @ObjectId parameter identifies the Service object that is updated.

Table Triggers

No triggers are specified for tbl_Service.

Column Properties

AlarmCatalogId

Property Name	Value
Description:	Alarm catalog file name.
Notes:	
Business Rules:	A value of NULL indicates that the default catalog name from configuration data should be used.
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultMaxTraceFileNumber

Property Name	Value
Description:	The default value for the "MaxTraceFileNumber" column, the maximum number of trace files for this process.
Notes:	This is used to reset "MaxTraceFileNumber" to its default value.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultMaxTraceFileSize

Property Name	Value
Description:	The default value for the "MaxTraceFileSize" column, the maximum size of the trace file for this process (in MB).
Notes:	This is used to reset "MaxTraceFileSize" to its default value.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultMaxTraceStatementsPerFile

Property Name	Value
Description:	The default value for the "MaxTraceStatementsPerFile" column, maximum number of trace statements per file.
Notes:	This is used to reset "MaxTraceStatementsPerFile" to its default value.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Description

Property Name	Value
Description:	Description of the service.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	Unitue text name of the service for display purposes.
Notes:	
Business Rules:	DisplayName must be unique.
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxTraceFileNumber

Property Name	Value
Description:	Maximum number of trace files for this process.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxTraceFileSize

Property Name	Value
Description:	Maximum size of the trace file for this process (in MB).
Notes:	Ignored if MaxTraceStatementsPerFile is set.
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxTraceStatementsPerFile

Property Name	Value
Description:	Maximum number of trace statements per file.
Notes:	If this is set to a non-zero value, it overrides MaxTraceFileSize, since only one may be used.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Unique identifier for this service.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ProcessName

Property Name	Value
Description:	Name of process.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Service
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	254 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.94. tbl_SMPPProvider

A provider of Short Message Peer-To-Peer services that has been configured within Cisco Unity Connection to provide message notification for subscribers with a Short Message Service (SMS) capable device.

Additional Information

This table contains the configuration data for a SMPP (Short Message Peer-To-Peer) Provider. Configuration data for providers created by both administrator (via Cisco Unity Connection Administration) and subscriber (via CPCA) are contained here.

The Short Message Peer to Peer (SMPP) protocol is an open industry standard messaging protocol designed to simplify integration of data applications with wireless mobile networks such as GSM, TDMA, CDMA and PDC. The protocol is widely deployed in the mobile telecommunications industry. The SMPP protocol specification is freely available from www.smpp.org.

Glossary:

- * ESME - External Short Message Entity. An application communicating with SMSC
- * GSM - Global System for Mobile communication. Originally known as "Groupe de travail Spéciale pour les services Mobiles". A standard for digital cellular communications (in the process of being) adopted by over 60 countries. The GSM standard is currently used in the 900 MHz and 1800 MHz bands.
- * SME - Short Message Entity.
- * SMS - Short Message Service. A message service offered by the Global System for Mobile communication (GSM) digital cellular telephone system. Using SMS, a short alphanumeric message (160 alphanumeric characters) can be sent to a mobile phone to be displayed there, much like in an alphanumeric paging system. SMS is a store and forward service where a short message is sent via a Short Message Service Center (SMSC). The message is buffered by the GSM network until the phone becomes active.
- * SMSC - Short Message Service Center. The home of the SMPP server.

The SMPPProviderObjectId is referenced by a subscriber's SMS notification device in the NotificationDevice table.

The size of some of the columns includes a NULL terminator character. For example, source_addr has a length of 65 and a maximum length constraint of 64. The 1 character difference is to account for the NULL terminator character.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system generated identifier for a SMPP Provider object.	ObjectID
	addr_npi	smallint (2 bytes)	False	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	Numbering-PlanIdentity

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	addr_ton	smallint (2 bytes)	False	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	TypeOfNumber
	address_range	nvarchar (41 characters)	True	A set of addresses or a single address the SMPP server uses to communicate with the Cisco Unity Connection server.	
	data_coding	smallint (2 bytes)	False	The character set that each SMS message will be converted to when the messages are sent to the SMS device.	DataCoding
	dest_addr_npi	smallint (2 bytes)	False	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	Numbering-PlanIdentity
	dest_addr_ton	smallint (2 bytes)	False	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	TypeOfNumber
	destination_addr	nvarchar (65 characters)	True	The destination address of this short message.	
	esm_class	int (4 bytes)	False	The special message attributes (Message Mode and Message Type) associated with the short message.	
	interface_version	int (4 bytes)	False	The version of the SMPP protocol (e.g., v3.3 or v3.4) that the SMPP server uses to communicate with ESMEs like Cisco Unity Connection.	
	IsEnabled	smallint (2 bytes)	False	A flag indicating whether the SMPP is enabled and available to all applicable subscribers to use for SMS (SMPP) message notifications.	Bool
	local_addr	nvarchar (65 characters)	True	The IP address or hostname.	
	local_port	int (4 bytes)	False	The port number.	
FK	Owner_LocationObjectId	char (36 characters)	True	The owner of this SMPP provider. If the owner is the system, the unique identifier of the LocationVMS object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.	ObjectID
FK	Owner_SubscriberObjectId	char (36 characters)	True	The owner of this SMPP provider. If the owner is a subscriber, the unique identifier of the Subscriber object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.	ObjectID

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	password	nvarchar (9 characters)	True	The password (as provided by the service provider) Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.	
	priority_flag	smallint (2 bytes)	False	The priority level of the message.	SMSPriority-Flag
	protocol_id	int (4 bytes)	False	The protocol identifier.	
	registered_delivery	int (4 bytes)	False	Whether an SMSC delivery receipt or an SME acknowledgment is required.	
	remote_addr	nvarchar (65 characters)	False	The IP address or host name of the SMPP server at the SMSC.	
	remote_port	int (4 bytes)	False	The port used by the SMPP server to connect to an ESME like Cisco Unity Connection.	
	replace_if_present_flag	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection can request the SMSC to replace a previously submitted message, that is still pending delivery. The SMSC will replace an existing message provided that the source address, destination address and service_type match the same fields in the new message.	Bool
	schedule_delivery_time	nvarchar (17 characters)	True	The time the short message is scheduled by the SMSC for delivery. Set to NULL for immediate message delivery.	
	service_type	nvarchar (6 characters)	True	The SMS Application service associated with the message.	
	sm_default_msg_id	int (4 bytes)	False	The short message to send from a list of predefined short messages stored in the SMSC.	
	source_addr	nvarchar (65 characters)	True	The IP address or hostname of the SME which originated this message.	
	source_addr_npi	smallint (2 bytes)	False	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	Numbering-PlanIdentity
	source_addr_ton	smallint (2 bytes)	False	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	TypeOfNumber
	system_id	nvarchar (16 characters)	False	The name or system ID that Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	system_type	nvarchar (13 characters)	True	The type of ESME that is communicating with the SMPP server at the SMSC. For example, an application like Cisco Unity Connection may be categorized as a "VMS" (voice mail system).	
	TextName	nvarchar (128 characters)	False	The unique text name of the SMPP Provider that represents the service provider in Cisco Unity Connection applications and is used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	
	validity_period	nvarchar (17 characters)	True	The SMSC expiration time, after which the message should be discarded if not delivered to the destination.	

Table Keys

CK_tbl_SMPPProvider_TextName

Property Name	Value
Description:	Uniquely identifies the name of an SMPP Provider in tbl_SMPPProvider.
Type:	Candidate
Column(s):	TextName
Clustered?	False
Constraint Error String:	Duplicate SMPP provider name.

PK_tbl_SMPPProvider

Property Name	Value
Description:	Uniquely identifies an SMPP Provider in this table and exclusively represents this SMPP Provider throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate SMPP provider. A SMPP provider with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_SMPPProvider.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_SMPPProvider.

Table Relationships (Foreign Keys)

tbl_SMPPProvider has the following relationships with other tables:

tbl_SMPPProvider.Owner_LocationObjectId (0..*)----- (0..1) tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_SMPPProvider_Owner_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each SMPP provider may belong to one LocationVMS. Each LocationVMS may own one or more SMPP providers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_SMPPProvider and tbl_LocationVMS linked by the foreign key Owner_LocationObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the LocationVMS is deleted, the FK Cascade Delete constraint will ensure that the corresponding SMPP provider is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent location as the owner of this SMPP provider.

tbl_SMPPProvider.Owner_SubscriberObjectId (0..*)----- (0..1) tbl_UserSubscriber.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_SMPPProvider_Owner_SubscriberObjectId_tbl_UserSubscriber_ObjectId
Description:	Each SMPP provider may belong to one subscriber. Each subscriber may own one or more SMPP providers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_SMPPProvider and tbl_UserSubscriber linked by the foreign key Owner_SubscriberObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the subscriber is deleted, the FK Cascade Delete constraint will ensure that the corresponding SMPP provider is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent user as the owner of this SMPP provider.

Additional relationships with tbl_SMPPProvider are defined in the following tables:

[tbl_NotificationDeviceSMS](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_SMPPProvider:

Name	Object Type	Description
vw_SMPPProvider	View	A simple view for tbl_SMPPProvider.
csp_SMPPProviderCreate	Stored Procedure	Creates a new SMPPProvider object, by inserting a new row into tbl_SMPPProvider. A SMPPProvider object contains the configuration data for a Short Message Peer-To-Peer Provider in tbl_SMPPProvider.
csp_SMPPProviderDelete	Stored Procedure	Deletes a SMPPProvider object from tbl_SMPPProvider as specified by the @ObjectId parameter.
csp_SMPPProviderModify	Stored Procedure	Updates the attributes of a SMPPProvider object based on the values passed in via the parameters. The @ObjectId parameter identifies the SMPPProvider object that is updated.

Table Triggers

No triggers are specified for tbl_SMPPProvider.

Column Properties

addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	<p>Corresponds to the "addr_npi" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>The addr_ton and addr_npi values tell the SMSC how to interpret the address found in the address_range field.</p> <p>Values: 0: Unknown 1: ISDN (E163/E164) 10: ERMES (European Radio Messaging System) 14: Internet (IP) 18: WAP (Wireless Application Protocol) Client ID 3: Data (X.121.) 4: Telex (F.69) 6: Land Mobile (E.212) 8: National 9: Private</p>
Business Rules:	Set to zero if unknown.
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	NumberingPlanIdentity
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	<p>Corresponds to the "addr_ton" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>The addr_ton and addr_npi values tell the SMSC how to interpret the address found in the address_range field.</p> <p>Values: 0: Unknown. 1: International. 2: National. 3: Network specific. 4: Subscriber number. 5: Alphanumeric. 6: Abbreviated.</p>
Business Rules:	Set to zero if unknown.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TypeOfNumber
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

address_range

Property Name	Value
Description:	A set of addresses or a single address the SMPP server uses to communicate with the Cisco Unity Connection server.
Notes:	<p>Corresponds to the "address_range" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>The address_range parameter is used in the bind_receiver and bind_transceiver command to specify a set of SME addresses serviced by the ESME client. A single SME address may also be specified in the address_range parameter. Messages addressed to any destination in this range shall be routed to the ESME.</p> <p>IPv6 is not supported in version 3.4 of the SMPP Protocol.</p>
Business Rules:	<ul style="list-style-type: none"> * If a provider does not require an address, set to NULL. * It is only possible to specify a single IP address. A range of IP addresses is not allowed.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (41 characters)
Validation - Expression:	^[^x20-^x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

data_coding

Property Name	Value
Description:	The character set that each SMS message will be converted to when the messages are sent to the SMS device.

Property Name	Value
Notes:	<p>Corresponds to the "data_coding" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>For multilingual systems, consider creating a separate SMPP provider for each character set that will be offered to subscribers.</p> <p>Values:</p> <p>0: Default Alphabet</p> <p>1: IA5/ASCII - 7-bit (Windows code page 20127 or 20105)</p> <p>14: Korean (KS C 5601) - 16-bit (Windows code page 1361 or 949). Multi-bit character set: most characters are 16 bit; some are 8 bit.</p> <p>3: Latin1 (ISO-8859-1) - 8-bit (Windows code page 28591 or 1252)</p> <p>5: Japanese (JIS) - 16-bit (Windows code page 20932 or 932). Multi-bit character set: most characters are 16 bit; some are 8 bit.</p> <p>6: Cyrillic (ISO-8859-5) - 8-bit (Windows code page 28595 or 1251).</p> <p>7: Latin/Hebrew (ISO-8859-8) - 8-bit (Windows code page 28598 or 1255).</p> <p>8: Unicode (USC2) - 16-bit.</p>
Business Rules:	If the provider does not specify a value, set to zero.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	DataCoding
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

dest_addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.

Property Name	Value
Notes:	Corresponds to the "dest_addr_npi" parameter as specified in version 3.4 of the SMPP Protocol Specification. Values: 0: Unknown 1: ISDN (E163/E164) 10: ERMES (European Radio Messaging System) 14: Internet (IP) 18: WAP (Wireless Application Protocol) Client ID 3: Data (X.121.) 4: Telex (F.69) 6: Land Mobile (E.212) 8: National 9: Private
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	NumberingPlanIdentity
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

dest_addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.

Property Name	Value
Notes:	Corresponds to the "dest_addr_ton" parameter as specified in version 3.4 of the SMPP Protocol Specification. Values: 0: Unknown. 1: International. 2: National. 3: Network specific. 4: Subscriber number. 5: Alphanumeric. 6: Abbreviated.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TypeOfNumber
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

destination_addr

Property Name	Value
Description:	The destination address of this short message.
Notes:	Corresponds to the "destination_addr" parameter as specified in version 3.4 of the SMPP Protocol Specification. For mobile terminated messages, this is the directory number of the recipient MS. An IP address is specified in "aaa.bbb.ccc.ddd" notation. IPv6 is not supported in version 3.4 of the SMPP.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	
SQL Data Type/Length:	nvarchar (65 characters)
Validation - Expression:	^[\\x20-\\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

esm_class

Property Name	Value
Description:	The special message attributes (Message Mode and Message Type) associated with the short message.
Notes:	<p>Corresponds to the "esm_class" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>Although several Message Modes and Message Types are defined in the SMPP Protocol, Cisco Unity Connection currently only supports the Default SMSC Mode (e.g., store and forward) and Default Message Type (i.e., normal message).</p>
Business Rules:	
Developer Notes:	<p>Cisco Unity Connection default setting is zero, which specifies:</p> <ul style="list-style-type: none"> * Message Mode: Default SMSC Message Mode (e.g., Store and Forward) * Message Type: Default Message Type (i.e., normal message) <p>This field is not currently exposed in Unity 4.x SA.</p>
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	255

interface_version

Property Name	Value
Description:	The version of the SMPP protocol (e.g., v3.3 or v3.4) that the SMPP server uses to communicate with ESMEs like Cisco Unity Connection.
Notes:	<p>Corresponds to the "interface_version" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>The following interface version values are defined: 51: (0x33) Indicates that the EMSE supports version 3.3 or earlier of the SMPP protocol: 52: (0x34) Indicates that the ESME is supporting SMPP version 3.4:</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	52
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	255

IsEnabled

Property Name	Value
Description:	A flag indicating whether the SMPP is enabled and available to all applicable subscribers to use for SMS (SMPP) message notifications.
Notes:	<p>Values: 0: Disabled. SMPP Provider is not available for use by subscribers. 1: Enabled. SMPP Provider is available to all applicable subscribers to use for SMS (SMPP) message notifications.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

local_addr

Property Name	Value
Description:	The IP address or hostname.
Notes:	An IP address is specified in "aaa.bbb.ccc.ddd" notation. IPv6 is not supported in version 3.4 of the SMPP.
Business Rules:	
Developer Notes:	Cisco Unity Connection default setting is NULL. This field is not currently exposed in Unity 4.x SA.
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (65 characters)
Validation - Expression:	^[\\x20-\\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

local_port

Property Name	Value
Description:	The port number.
Notes:	
Business Rules:	
Developer Notes:	Cisco Unity Connection default setting is zero. This field is not currently exposed in Unity 4.x SA.
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	9999

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system generated identifier for a SMPP Provider object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_LocationObjectId

Property Name	Value
Description:	The owner of this SMPP provider. If the owner is the system, the unique identifier of the LocationVMS object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.

Property Name	Value
Notes:	
Business Rules:	Either Owner_LocationObjectId or Owner_SubscriberObjectId, but not both, need to be non NULL.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this SMPP provider. If the owner is a subscriber, the unique identifier of the Subscriber object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	Either Owner_LocationObjectId or Owner_SubscriberObjectId, but not both, need to be non NULL. A user or subscriber template cannot be the owner of a SMPPProvider.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

password

Property Name	Value
Description:	The password (as provided by the service provider) Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Notes:	<p>Corresponds to the "password" parameter as defined in version 3.4 of the SMPP Protocol Specification.</p> <p>The password parameter is used by the SMSC to authenticate the identity of the binding ESME. The Service Provider may require ESME's to provide a password when binding to the SMSC. This password is normally issued by the SMSC system administrator. The password parameter may also be used by the ESME to authenticate the identity of the binding SMSC (e.g. in the case of the outbind operation).</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (9 characters)
Validation - Expression:	^[^x20-^x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

priority_flag

Property Name	Value
Description:	The priority level of the message.

Property Name	Value
Notes:	<p>Corresponds to the "priority_flag" parameter in version 3.4 of the SMPP Protocol Specification. Allows the originating SME to assign a priority level to the short message.</p> <p>These priority levels are applied in different networks as follows:</p> <ul style="list-style-type: none"> * Priority Level GSMa: For GSM mobile terminated, messages with priority greater than Level 0 are treated as priority when making a delivery attempt (i.e. a delivery attempt is made even when MWD is set in the HLR). <p>Cisco Unity Connection currently only supports Level 0 priority.</p> <p>Values:</p> <ul style="list-style-type: none"> 0: Level 0 (lowest) priority. 1: Level 1 priority. 2: Level 2 priority. 3: Level 3 (highest) priority.
Business Rules:	
Developer Notes:	Cisco Unity Connection default setting is zero. This field is not currently exposed in Unity 4.x SA.
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	SMSPriorityFlag
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

protocol_id

Property Name	Value
Description:	The protocol identifier.

Property Name	Value
Notes:	Corresponds to the "protocol_id" parameter as specified in version 3.4 of the SMPP Protocol Specification. Network specific field: * GSM: Set according to GSM 03.40 [GSM 03.40] * ANSI-136 (TDMA): For mobile terminated messages, this field is not used and is therefore ignored by the SMSC. For ANSI-136 mobile originated messages, the SMSC should set this value to NULL. * IS-95 (CDMA): For mobile terminated messages, this field is not used and is therefore ignored by the SMSC. For IS-95 mobile originated messages, the SMSC should set this value to NULL.
Business Rules:	
Developer Notes:	Cisco Unity Connection default setting is zero. This field is not currently exposed in Unity 4.x SA.
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	255

registered_delivery

Property Name	Value
Description:	Whether an SMSC delivery receipt or an SME acknowledgment is required.
Notes:	Corresponds to the "registered_delivery" parameter as specified in version 3.4 of the SMPP Protocol Specification. Cisco Unity Connection default setting for this field is zero, which specifies: * No SMSC delivery receipt requested * No recipient SME acknowledgement requested * No Intermediate notification requested
Business Rules:	
Developer Notes:	This field is not currently exposed in Unity 4.x SA.
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	255

remote_addr

Property Name	Value
Description:	The IP address or host name of the SMPP server at the SMSC.
Notes:	An IP address is specified in "aaa.bbb.ccc.ddd" notation. IPv6 is not supported in version 3.4 of the SMPP.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (65 characters)
Validation - Expression:	^[\x20-\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

remote_port

Property Name	Value
Description:	The port used by the SMPP server to connect to an ESME like Cisco Unity Connection.

Property Name	Value
Notes:	When the Cisco Unity Connection server is set up behind a firewall, the TCP port must be configured to allow incoming and outgoing communication between Cisco Unity Connection and the SMPP server.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	9999

replace_if_present_flag

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection can request the SMSC to replace a previously submitted message, that is still pending delivery. The SMSC will replace an existing message provided that the source address, destination address and service_type match the same fields in the new message.
Notes:	Corresponds to the "replace_if_present_flag" parameter as specified in version 3.4 of the SMPP Protocol Specification. Values: 0: Do not replace 1: Replace existing message with submitted message
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

schedule_delivery_time

Property Name	Value
Description:	The time the short message is scheduled by the SMSC for delivery. Set to NULL for immediate message delivery.
Notes:	Corresponds to the "schedule_delivery_time" parameter as specified in version 3.4 of the SMPP Protocol Specification.
Business Rules:	
Developer Notes:	Cisco Unity Connection default setting is NULL. This field is not currently exposed in Unity 4.x SA.
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (17 characters)
Validation - Expression:	^[^x20-x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

service_type

Property Name	Value
Description:	The SMS Application service associated with the message.

Property Name	Value
Notes:	<p>Corresponds to the "service_type" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>Specifying the "service_type" allows an ESME such as Cisco Unity Connection to do the following:</p> <ul style="list-style-type: none"> * Use enhanced messaging services such as the replace previous notification option * Control the teleservice used on the air interface <p>SMSC's may implicitly associate a "replace if present" function from the indicated service_type in a message submission operation, i.e., the SMSC will always replace an existing message pending delivery, that has the same originating and destination address as the submitted message. For example, an SMSC can ensure that a Voice Mail System using a service_type of "VMA" has at most one outstanding notification per destination MS by automatically invoking the "replace if present" function.</p> <p>The following generic service types are defined:</p> <ul style="list-style-type: none"> * NULL - None * CMT - Cellular Messaging * CPT - Cellular Paging * VMN - Voice Mail Notification * VMA - Voice Mail Alerting * WAP - Wireless Application Protocol * USSD - Unstructured Supplementary Services Data <p>All other values are carrier specific and are defined by mutual agreement between the SMSC Service Provider and the ESME application.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (6 characters)
Validation - Expression:	^[\\x20-\\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	5 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

sm_default_msg_id

Property Name	Value
Description:	The short message to send from a list of predefined short messages stored in the SMSC.
Notes:	Corresponds to the "sm_default_msg_id" parameter as specified in version 3.4 of the SMPP Protocol Specification.

Property Name	Value
Business Rules:	If not using a predefined SMSC short message, set to zero.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	255

source_addr

Property Name	Value
Description:	The IP address or hostname of the SME which originated this message.
Notes:	<p>Corresponds to the "source_addr" parameter as defined in version 3.4 of the SMPP Protocol Specification.</p> <p>An ESME which is implemented as a single SME address, may set this column to NULL to allow the SMSC to default the source address of the submitted message.</p> <p>An IP address is specified in "aaa.bbb.ccc.ddd" notation. IPv6 is not supported in version 3.4 of the SMPP.</p>
Business Rules:	If unknown, set to NULL.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (65 characters)
Validation - Expression:	^[\x20-\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

source_addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	Corresponds to the "source_addr_npi" parameter as defined in version 3.4 of the SMPP Protocol Specification. Values: 0: Unknown 1: ISDN (E163/E164) 10: ERMES (European Radio Messaging System) 14: Internet (IP) 18: WAP (Wireless Application Protocol) Client ID 3: Data (X.121.) 4: Telex (F.69) 6: Land Mobile (E.212) 8: National 9: Private
Business Rules:	If unknown, set to zero.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	NumberingPlanIdentity
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

source_addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.

Property Name	Value
Notes:	Corresponds to the "source_addr_ton" parameter in version 3.4 of the SMPP Protocol Specification. Values: 0: Unknown. 1: International. 2: National. 3: Network specific. 4: Subscriber number. 5: Alphanumeric. 6: Abbreviated.
Business Rules:	If unknown, set to zero.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TypeOfNumber
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

system_id

Property Name	Value
Description:	The name or system ID that Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Notes:	Corresponds to the "system_id" parameter in version 3.4 of the SMPP Protocol Specification. The system_id parameter is used to identify an ESME or an SMSC at bind time. An ESME system_id identifies the ESME or ESME agent to the SMSC. The SMSC system_id provides an identification of the SMSC to the ESME.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	

Property Name	Value
SQL Data Type/Length:	nvarchar (16 characters)
Validation - Expression:	^[^x20-^x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	15 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

system_type

Property Name	Value
Description:	The type of ESME that is communicating with the SMPP server at the SMSC. For example, an application like Cisco Unity Connection may be categorized as a "VMS" (voice mail system).
Notes:	<p>Corresponds to the "system_type" parameter in version 3.4 of the SMPP Protocol Specification.</p> <p>The system_type parameter is used to categorize the type of ESME that is binding to the SMSC. Examples include "VMS" (voice mail system), "OTA" (over-the-air activation system), and "EMAIL" (email system). Specification of the system_type is optional - some SMSC's may not require ESME's to provide this detail. In this case, the ESME can set the system_type to NULL.</p>
Business Rules:	This field is case-sensitive. Check the SMPP configuration documentation from your service provider for the correct capitalization.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (13 characters)
Validation - Expression:	^[^x20-^x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	12 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TextName

Property Name	Value
Description:	The unique text name of the SMPP Provider that represents the service provider in Cisco Unity Connection applications and is used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The name you enter here will be listed on the Provider SMPP lists displayed on the SMS (SMPP) Message Notification pages for templates and individual subscribers in the Cisco Unity Connection Administration, as well as in the Cisco Unity Assistant.
Business Rules:	The text name must be unique.
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII or Unicode).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

validity_period

Property Name	Value
Description:	The SMSC expiration time, after which the message should be discarded if not delivered to the destination.

Property Name	Value
Notes:	<p>Corresponds to the "validity_period" parameter in version 3.4 of the SMPP Protocol Specification.</p> <p>The validity_period can be defined in absolute time format or relative time format. The encoding of absolute and relative time format is:</p> <ul style="list-style-type: none"> * Absolute time format. This is the default format used by SMPP. Scheduled delivery times and expiry times are specified in their global UTC format, including the quarter hour offset and direction symbol '+' or '-'. * Relative time format. Relative Time can be indicated by setting the UTC orientation flag to 'R' instead of '+' or '-'. In this form, the SMSC interprets the time format as the number of years, months, days, hours, minutes and seconds from the current SMSC time. Values for tenths of seconds 't' and UTC offset 'nn' are ignored and should be set to '0' and '00' respectively. <p>For example, the following time format "020610233429000R" would be interpreted as a relative period of 2 years, 6 months, 10 days, 23 hours, 34 minutes and 29 seconds from the current SMSC time.</p> <p>Set to NULL to request the SMSC default validity period.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SMPPProvider
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (17 characters)
Validation - Expression:	^[^x20-^x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.95. tbl_SmtpServer

A Simple Mail Transport Protocol (SMTP) service. In Unity Connection, the SMTP server is used to send outbound SMTP notifications and send/receive VPIM messages to/from other messaging systems such as Cisco Unity.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a SMTPServer object.	ObjectID
	DisplayName	nvarchar (64 characters)	False	The human readable text name of the SMTP server to be used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.	
	DomainName	varchar (255 characters)	False	An internet-addressable SMTP domain name identifying the SMTP domain that this SMTP server services.	Domain-Name
	IsDefault	smallint (2 bytes)	False	Specifies if this is the default smtp server for this location. There can only be one default at a time. If a smtp server is set to default value 1, all other servers must be set value 0.	Bool
	IsEnabled	smallint (2 bytes)	False	A flag indicating whether this SMTP server is active or not. Values: 0: Not active. 1: Active	Bool
	LimitConnections	smallint (2 bytes)	False	A flag indicating whether the SMTP server shall limit the number of simultaneous connections. This applies to both incoming and outgoing connections. Values: 0: No limit on number of connections. 1: The maximum number of connections is limited to the value contained in ?MaxNumberConnections.?	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	LimitMessageSize	smallint (2 bytes)	False	A flag indicating whether the SMTP server shall limit the size of an incoming message. Values: 0: No message size limit 1: Incoming message size is limited by the value contained in ?MaxMessageSize.?	Bool
	LimitMessagesSession	smallint (2 bytes)	False	A flag indicating whether the SMTP server shall limit the number of incoming messages per SMTP session. Values: 0: No limit on the number of messages per SMTP session 1: The number of outgoing messages per SMTP session are limited by the value contained in ?MaxNumberMessagesSession	Bool
	LimitRecipients	smallint (2 bytes)	False	A flag indicating whether the SMTP sever shall limit the number of recipients for both incoming and outgoing messages. Values: 0: No limit on the number of recipients 1: The number of recipients for both incoming and outgoing messages is limited by the value contained in ?MaxNumberRecipients.?	Bool
FK	LocationObjectId	char (36 characters)	False	The unique identifier of the LocationVMS object to which this SMTP server belongs. All Unity Connection SMTP servers belong to the LocationVMS. A Foreign Key to tbl_LocationVMS.ObjectId.	ObjectID
	MailRootDirectory	nvarchar (255 characters)	False	The root directory for mail for the SMTP server.	
	MaxMessageSizeKb	int (4 bytes)	False	The maximum size (in KBytes) of an incoming message. If a message exceeds this value, the message is rejected, and an NDR is sent to the sender.	
	MaxNumberConnections	int (4 bytes)	False	The maximum number of simultaneous connections for both incoming and outgoing connections.	
	MaxNumberMessagesSession	int (4 bytes)	False	The maximum number of incoming messages per SMTP session.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	MaxNumberRecipients	int (4 bytes)	False	The maximum number of recipients (i.e., addresses) for both incoming and outgoing messages. For an incoming message, if the number of recipients exceeds this value, the message is rejected. For an outgoing message, if the number of recipients exceeds this value, the message will be sent to the maximum number of recipients, and then another copy of the message is sent to the remaining recipients.	
	Port	int (4 bytes)	False	The TCP/IP port number on which the SMTP server listens.	

Table Keys

CK_DomainPort_tbl_SmtpServer_DomainName_Port

Property Name	Value
Description:	Domain and port make up unique address for a server
Type:	Candidate
Column(s):	DomainName , Port
Clustered?	False
Constraint Error String:	Duplicate port for this SMTP server.

PK_tbl_SmtpServer

Property Name	Value
Description:	
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate SMTP server. A SMTP server with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_SmtpServer.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_SmtpServer.

Table Relationships (Foreign Keys)

tbl_SmtpServer has the following relationships with other tables:

tbl_SmtpServer.LocationObjectId (1..1) ----- (1..1) tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_SmtpServer_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each SMTP Server belongs to one LocationVMS. Each LocationVMS must be the owner of one SMTP server.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_SmtpServer and tbl_LocationVMS linked by the foreign key LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent location as the owner of this SMTP server.

Additional relationships with tbl_SmtpServer are defined in the following tables:

[tbl_IpAddressAccessList](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_SmtpServer:

Name	Object Type	Description
vw_SmtpServer	View	A Simple Mail Transport Protocol (SMTP) service. In Unity Connection, the SMTP server is used to send outbound SMTP notifications and send/receive VPIM messages to/from other messaging systems such as Cisco Unity.
csp_DomainNameModify	Stored Procedure	This sproc will change the domain name in tbl_alias, tbl_smtpserver and tbl_location.
csp_SmtpServerCreate	Stored Procedure	Creates an entry for an SMTP server that exists at this location.
csp_SmtpServerDelete	Stored Procedure	Deletes an SMTP server entry for this location.
csp_SmtpServerModify	Stored Procedure	Modifies an entry for an SMTP server that exists at this location.

Table Triggers

No triggers are specified for tbl_SmtpServer.

Column Properties

DisplayName

Property Name	Value
Description:	The human readable text name of the SMTP server to be used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DomainName

Property Name	Value
Description:	An internet-addressable SMTP domain name identifying the SMTP domain that this SMTP server services.
Notes:	<p>The syntax specification for this column is based on RFC 1035 (Domain Names - Implementation and Specification) and RFC 2282 (Internet Message Format). The syntax allows "host name" and FQDN as valid domain name.</p> <p>Syntax Specification: Domain Name (Max size : 255)</p> <pre><domain> ::= <subdomain> " " <subdomain> ::= <label> <subdomain> "." <label> <label> ::= <letter> [[<ldh-str>] <let-dig>] <ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str> <let-dig-hyp> ::= <let-dig> "-"</pre> <p>The labels must follow the rules for ARPANET host names. They must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.</p>
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DomainName
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^([a-zA-Z](\-[a-zA-Z\d]*[a-zA-Z\d])?.)+([a-zA-Z\d])+\$
Validation - Description:	<p><domain> ::= <subdomain> " "</p> <p><subdomain> ::= <label> <subdomain> "." <label></p> <p><label> ::= <letter> [[<ldh-str>] <let-dig>]</p> <p><ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str></p> <p><let-dig-hyp> ::= <let-dig> "-"</p> <p>The labels must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.</p>
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsDefault

Property Name	Value
Description:	<p>Specifies if this is the default smtp server for this location.</p> <p>There can only be one default at a time. If a smtp server is set to default value 1, all other servers must be set value 0.</p>
Notes:	
Business Rules:	
Developer Notes:	This is used to help generate vw_IpAddressAccessList_Composite
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

IsEnabled

Property Name	Value
Description:	A flag indicating whether this SMTP server is active or not. Values: 0: Not active. 1: Active
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LimitConnections

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the number of simultaneous connections. This applies to both incoming and outgoing connections. Values: 0: No limit on number of connections. 1: The maximum number of connections is limited to the value contained in ?MaxNumberConnections.?
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LimitMessageSize

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the size of an incoming message. Values: 0: No message size limit 1: Incoming message size is limited by the value contained in ?MaxMessageSize.?
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LimitMessagesSession

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the number of incoming messages per SMTP session. Values: 0: No limit on the number of messages per SMTP session 1: The number of outgoing messages per SMTP session are limited by the value contained in ?MaxNumberMessagesSession
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LimitRecipients

Property Name	Value
Description:	A flag indicating whether the SMTP sever shall limit the number of recipients for both incoming and outgoing messages. Values: 0: No limit on the number of recipients 1: The number of recipients for both incoming and outgoing messages is limited by the value contained in ?MaxNumberRecipients.?
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this SMTP server belongs. All Unity Connection SMTP servers belong to the LocationVMS. A Foreign Key to tbl_LocationVMS.ObjectId.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailRootDirectory

Property Name	Value
Description:	The root directory for mail for the SMTP server.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMessageSizeKb

Property Name	Value
Description:	The maximum size (in KBytes) of an incoming message. If a message exceeds this value, the message is rejected, and an NDR is sent to the sender.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	10000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50000

MaxNumberConnections

Property Name	Value
Description:	The maximum number of simultaneous connections for both incoming and outgoing connections.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50

MaxNumberMessagesSession

Property Name	Value
Description:	The maximum number of incoming messages per SMTP session.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	10
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

MaxNumberRecipients

Property Name	Value
Description:	The maximum number of recipients (i.e., addresses) for both incoming and outgoing messages. For an incoming message, if the number of recipients exceeds this value, the message is rejected. For an outgoing message, if the number of recipients exceeds this value, the message will be sent to the maximum number of recipients, and then another copy of the message is sent to the remaining recipients.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	5000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50000

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a SMTPServer object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

Port

Property Name	Value
Description:	The TCP/IP port number on which the SMTP server listens.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SmtpServer
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.96. tbl_StreamFile

A name reference to a file (stream file) that contains the recorded audio for a greeting or voice name used in Cisco Unity Connection. This will normally be the name of a WAV file, and is a relative path - the complete path is stored in the configuration table.

Additional Information

When the Cisco Unity Connection conversation needs to play a voice name or greeting, it fetches the name of the file from this table.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a StreamFile object.	ObjectID
	FileName	varchar (40 characters)	False	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	File-NameGuid
	TimeDeleted	smalldatetime (4 bytes)	True	The date and time at which the deletion of the actual stream file containing the audio is schedule to be deleted or was deleted. Otherwise, this attribute is set to NULL.	

Table Keys

CK_tbl_StreamFile_FileName

Property Name	Value
Description:	Uniquely identifies the file name of a stream file in tbl_StreamFile.
Type:	Candidate
Column(s):	FileName
Clustered?	False
Constraint Error String:	Duplicate stream file name.

PK_tbl_StreamFile

Property Name	Value
Description:	Primary key.

Property Name	Value
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate stream file. A stream file with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_StreamFile.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_StreamFile.

Table Relationships (Foreign Keys)

tbl_StreamFile has no relationships specified with other tables.

Additional relationships with tbl_StreamFile are defined in the following tables:

[tbl_Handler](#)

[tbl_DistributionList](#)

[tbl_InterviewQuestion](#)

[tbl_Location](#)

[tbl_User](#)

[tbl_PersonalGroup](#)

[tbl_GreetingStreamFile](#)

[tbl_PersonalRuleSet](#)

[tbl_BroadcastMessage](#)

[tbl_Contact](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_StreamFile:

Name	Object Type	Description
vw_BroadcastMessage	View	A simple view for tbl_BroadcastMessage.

Name	Object Type	Description
vw_CallerGroup	View	A grouping of callers for use in personal rules. A caller is identified by ANI/CallerId, and can be a personal contact, another subscriber, a contact or another personal group.
vw_Callhandler	View	An all-purpose call transfer, greeting, message taking, and routing object. A call handler answers calls, greet callers with recorded prompts and provide them with information and options, route calls, and take messages.
vw_CallhandlerNonPrimary	View	An application call handler. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 0, which indicates this call handler is not a primary call handler for a subscriber.
vw_CallhandlerPrimary	View	A primary call handler for a subscriber. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 1, which indicates this is the primary call handler for a subscriber.
vw_CallhandlerPrimaryTemplate	View	A call handler template that is part of a subscriber template.
vw_CallhandlerTemplate	View	A template for a call handler object. This view contains all the same columns as a call handler object. The value of the "IsTemplate" column must be 1, which indicates this row of a call handler object is a template.
vw_Contact	View	A system contact along with its associated alias, dtmfaccessid, and streamfile attributes.
vw_DirectoryHandler	View	A call routing object that enables outside callers to search for subscribers by spelling their name in the case where they don't know the user's extension number. When a caller searches on a subscriber name or part of a name, a directory handler looks up the extension and routes the call to the appropriate subscriber. Formerly called "NameLookupHandler."
vw_DistributionList	View	A group of recipients created to send a message to all members of the group. When a message is sent to a distribution list, all members of the list receive a copy of the message. Formerly referred to as "Public" distribution lists.
vw_GreetingStreamFile	View	A simple view for tbl_GreetingStreamFile.
vw_Handler	View	A base table for all type of handler objects such as call handler, interview handler and directory handler (formerly referred to as "name lookup handler").
vw_InterviewHandler	View	A type of Handler object that collects information from callers by playing a series of questions that have been recorded, and then recording the answers offered by callers.
vw_LocalVms	View	A recordset containing the properties of the local location VMS.
vw_Location	View	A simple view for tbl_Location
vw_LocationVMS	View	A simple view for tbl_LocationVMS.
vw_LocationVPIM	View	An object representing another voice messaging system to which Unity Connection can exchange messages via the VPIM protocol. This object is a sub-class of tbl_Location.
vw_PersonalGroup	View	A view of tbl_PersonalGroup.

Name	Object Type	Description
vw_PersonalVoiceMailList	View	A view of tbl_PersonalGroup that is flagged as a personal voice mail list. In the UI this is referred to as a "Private List." Similar to Private Distribution Lists in Unity 4.0(x), this type of group contains only addressable entities such as other Unity Connection subscribers or contacts.
vw_StreamFile	View	A simple view for tbl_StreamFile.
vw_Subscriber	View	The subscriber view contains all users that have a voice mail subscription. It includes the user information and the associated voice mail information.
vw_Subscriber_VoiceFileName	View	A listing of subscriber objects and their associate voicefile filenames.
vw_SubscriberTemplate	View	Provides default values for new voice mail user (subscriber) properties when creating a new voice mail user.
vw_User	View	Contains the account data and contact information of persons who have an account on the system and who can logon to the system. A person must have a user account on the system in order to logon and gain access system services such as a subscription to a voice mailbox.
vw_UserNonSubscriber	View	Same as vw_User, but excludes users with voice mail subscriptions
csp_AllocateVoiceFile	Stored Procedure	Allocates a voice file that can be used for voice names and greetings by creating a new StreamFile object in tbl_StreamFile.
csp_BroadcastMessageCreate	Stored Procedure	Creates a new BroadcastMessage object by inserting a new row into tbl_BroadcastMessage. Broadcast messages are a special type of message that is created for all Cisco Unity Connection subscribers on a VMS.
csp_BroadcastMessageModify	Stored Procedure	Updates the attributes of a BroadcastMessage object based on the values passed in via the parameters. The @ObjectId parameter identifies the BroadcastMessage object that is updated. The associated StreamFile is also updated.
csp_CallerGroupCreate	Stored Procedure	Creates a new caller group by executing csp_PersonalGroupCreate, which inserts a new row into tbl_PersonalGroup.
csp_CallerGroupModify	Stored Procedure	Updates the properties of a caller group by executing csp_PersonalGroupModify, which updates the attributes of a PersonalGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.
csp_CallhandlerModify	Stored Procedure	Updates the attributes of a CallHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.
csp_CallhandlerPrimaryTemplate Modify	Stored Procedure	<p>Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.</p> <p>Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.</p>

Name	Object Type	Description
csp_CallhandlerTemplateCreate	Stored Procedure	<p>Creates a new call handler template by inserting a new row into tbl_CallHandler. A call handler template is identical to a call handler except for one distinction --- IsTemplate column = true (1) signifies that a call handler object is a template. This procedure is used to create both primary and non-primary call handlers. csp_CallhandlerTemplateCreate sets the callhandler template attributes by using the values passed in and the default values from the specified callhandler template (optional). Note that a call handler template is optional to create a call handler template.</p> <p>In addition to creating a new handler and callhandler object, this stored procedure also creates the sub collections of call action, greeting, transferoption and menuentry objects associated with this callhandler template. If a VoiceName is passed in, a new voice name for the call handler template is created (executes csp_StreamFileModify) by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.</p> <p>To change the attributes for a call handler template, see csp_CallhandlerTemplateModify.</p>
csp_CallhandlerTemplateModify	Stored Procedure	<p>Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.</p> <p>Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.</p>
csp_ContactCreate	Stored Procedure	<p>Creates a contact representing a user in a remote mail system by inserting a new row into tbl_Contact. In addition to creating a new Contact object, this procedure also creates several Contact related objects:</p> <ul style="list-style-type: none"> * A DtmfAccessId object by inserting a new row into tbl_DtmfAccessId. * An Alias object is created in the tbl_Alias table by calling csp_AliasCreate. * If the parameter @VoiceName contains a value other than NULL, a StreamFile object is created with the value of tbl_StreamFile.FileName = @VoiceName. If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.
csp_ContactModify	Stored Procedure	<p>Updates the attributes of a Contact object based on the values passed in via the parameters. The @ObjectId parameter identifies the Contact object that is updated.</p>
csp_DirectoryHandlerCreate	Stored Procedure	<p>Creates a new DirectoryHandler object by inserting a new row into tbl_DirectoryHandler. This procedure also creates several other objects:</p> <ul style="list-style-type: none"> * The call actions for Exit, No Input, No Selection and Zero conditions by inserting a new row into tbl_CallAction for each condition. * A new handler by inserting a new row into tbl_Handler * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.

Name	Object Type	Description
csp_DirectoryHandlerModify	Stored Procedure	Updates the attributes of a DirectoryHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the DirectoryHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in.
csp_DistributionListCreate	Stored Procedure	Creates a new DistributionList object by inserting a new row into tbl_DistributionList. It also creates a new Alias object in tbl_Alias by executing csp_AliasCreate. Two other objects may also be created: * If a DtmfAccessID is passed in, a new DtmfAccessId object is created by executing csp_DtmfAccessIdCreate. * If a VoiceName is passed in, a new StreamFile object is created by executing csp_StreamFileModify.
csp_DistributionListModify	Stored Procedure	Updates the attributes of a DistributionList object based on the values passed in via the parameters. The @ObjectId parameter identifies the DistributionList object that will be updated. This procedure will also update the DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.
csp_GreetingStreamFileCreate	Stored Procedure	Creates a new GreetingStreamFile object in the specified language for a call handler by inserting a new row into tbl_GreetingStreamFile.
csp_GreetingStreamFileModify	Stored Procedure	Updates the attributes of a GreetingStreamFile object based on the values passed in via the parameters. The combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters identify the GreetingStreamFile object that is updated. The StreamFile object in tbl_StreamFile as specified by @StreamFile is also updated.
csp_GreetingStreamFileSet	Stored Procedure	Creates a new GreetingStreamFile object or updates the attributes of an existing GreetingStreamFile object in tbl_GreetingStreamFile. If the GreetingFileStream object is not found as specified by the combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters, a new GreetingStreamFile object is created by executing csp_GreetingStreamFileCreate. If a GreetingStreamFile object is found matching the combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters, it is modified by executing csp_GreetingStreamFileModify.
csp_InterviewHandlerCreate	Stored Procedure	Creates a new InterviewHandler object by inserting a new row into tbl_InterviewHandler. This procedure also creates several other objects: * The after message action by inserting a new row into tbl_CallAction * A new handler by inserting a new row into tbl_Handler * Twenty empty interview handler questions by inserting 20 new rows into tbl_InterviewHandlerQuestion * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.
csp_InterviewHandlerModify	Stored Procedure	Updates the attributes of an InterviewHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the InterviewHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.

Name	Object Type	Description
csp_InterviewHandlerQuestionModify	Stored Procedure	Updates the attributes of an InterviewHandlerQuestion object based on the values passed in via the parameters. The combination of the @InterviewHandlerObjectId and @QuestionNumber parameters identify the InterviewHandlerQuestion object that will be updated. This procedure will also update the VoiceFile (StreamFile object), if the parameter @VoiceFile is passed in.
csp_LocationVMSCreate	Stored Procedure	Creates a new LocationVMS object by inserting a new row into tbl_LocationVMS. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVMSModify	Stored Procedure	Updates the attributes of a LocationVMS object and those attributes of a Location object relevant to a VMS based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVMS and Location objects that are updated.
csp_LocationVPIMCreate	Stored Procedure	Creates a new LocationVPIM object by inserting a new row into tbl_LocationVPIM. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVPIMModify	Stored Procedure	Updates the attributes of a LocationVPIM object and those attributes of a Location object relevant based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVPIM and Location objects that are updated.
csp_PersonalGroupCreate	Stored Procedure	Creates a new PersonalGroup object for a user by inserting a new row into tbl_PersonalGroup. A PersonalGroup can contain users, personal contacts, other personal groups, and even distribution lists. To create a "personal voicemail list," use csp_PersonalVoiceMailListCreate.
csp_PersonalGroupModify	Stored Procedure	Updates the attributes of a PersonalGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.
csp_PersonalRuleSetCreate	Stored Procedure	Creates a new PersonalRuleSet object for a subscriber by inserting a new row into tbl_PersonalRuleSet.
csp_PersonalRuleSetModify	Stored Procedure	Updates the attributes of a PersonalRuleSet object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalRuleSet object that is updated.
csp_PersonalVoiceMailListCreate	Stored Procedure	Creates a new personal voicemail list for a user by inserting a new row into tbl_PersonalGroup. A "personal voicemail list" is a personal group that contains only Cisco Unity Connection subscribers ("IsVoiceMailList" == 1). It is used for addressing messages, either via the TUI or CPCA.
csp_PersonalVoiceMailListModify	Stored Procedure	Updates the attributes of a personal voicemail list (PersonalGroup object) based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.
csp_StreamFileDelete	Stored Procedure	Deletes a StreamFile object from tbl_StreamFile as specified by the @ObjectId parameter. The delete doesn't actually remove the row. It simply marks it for delete by setting the TimeDeleted column to the current date/time. The SysAgent service deletes the actual row once the file is deleted from the file system.
csp_StreamFileModify	Stored Procedure	Activates an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile. This procedure sets the value of the TimeDeleted column to NULL. The @FileName parameter identifies the StreamFile object that is updated.

Name	Object Type	Description
csp_SubscriberCreate	Stored Procedure	Creates a new voice mail user (subscriber).
csp_SubscriberModify	Stored Procedure	Updates the attributes of a voice mail user (subscriber) based on the values passed in.
csp_UserCreate	Stored Procedure	Creates a new User account from a user template by inserting a new row into tbl_User.
csp_UserModify	Stored Procedure	Updates the attributes of a User account based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User that is updated.
csp_UserModifyName	Stored Procedure	<p>Updates a subset of the attributes (name attributes only) of a User object based on the values passed in via the parameters. The @ObjectId parameter identifies the User object that is updated.</p> <p>This offers a subset of the UserModify procedure whereby only the name elements of a user may be modified. It is restricted in scope so it may be assigned to a finer-grained privilege that allows only name updates on users.</p>

Table Triggers

No triggers are specified for tbl_StreamFile.

Column Properties

FileName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Subscriber_VoiceFileName , vw_StreamFile , vw_BroadcastMessage , vw_GreetingStreamFile , vw_User , vw_LocalVms , vw_DistributionList , vw_SubscriberTemplate , vw_Subscriber , vw_Callhandler , vw_PersonalGroup , vw_Handler , vw_InterviewHandler , vw_DirectoryHandler , vw_CallhandlerTemplate , vw_UserNonSubscriber , vw_CallhandlerPrimary , vw_CallhandlerNonPrimary , vw_LocationVMS , vw_PersonalVoiceMailList , vw_CallerGroup , vw_Contact , vw_CallhandlerPrimaryTemplate , vw_LocationVPIM , vw_Location
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid

Property Name	Value
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a StreamFile object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_StreamFile
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeDeleted

Property Name	Value
Description:	The date and time at which the deletion of the actual stream file containing the audio is schedule to be deleted or was deleted. Otherwise, this attribute is set to NULL.

Property Name	Value
Notes:	<p>Stream (audio/WAV) files are not stored in SQL. When an object that owns a stream file is deleted, the date and time the parent object was deleted is recorded in this column as an indication to an external process which will delete the actual file from the file system (typically \Commserver\StreamFiles).</p> <p>A background process is responsible for checking this table and performing the deletions. This eliminates the need for an extended stored procedure doing the file deletions for each table with streams. This is generally a safer and more robust approach.</p>
Business Rules:	Default is 1 hour from the current time because we don't keep the file around unless a client specifically requests so.
Developer Notes:	
Occurrences In Views:	vw_StreamFile
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	smalldatetime (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.97. tbl_TaskContext

A collection of named-value pairs associated with a task.

Additional Information

The primary purpose of this table is to provide a mechanism for clients so that they can optionally specify task-specific information to be used when tasks are executed. There can be N pairs per task.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	Name	varchar (64 characters)	False	The text name for the name value pair.	
PK, FK	TaskPeriodicObjectId	char (36 characters)	False	The unique identifier of the TaskPeriodic object to which this named-value pair applies.	ObjectID
	Value	nvarchar (255 characters)	True	The value for the name, value pair.	

Table Keys

PK_tbl_TaskContext

Property Name	Value
Description:	Uniquely identifies a task context named-value pair in this table and exclusively represents this named-value pair throughout the database.
Type:	Primary
Column(s):	Name , TaskPeriodicObjectId
Clustered?	True
Constraint Error String:	Duplicate task context. A task context with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_TaskContext.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_TaskContext.

Table Relationships (Foreign Keys)

tbl_TaskContext has the following relationships with other tables:

tbl_TaskContext.TaskPeriodicObjectId (0..*)-----^(1..1)tbl_TaskPeriodic.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_TaskContext_TaskPeriodicObjectId_tbl_TaskPeriodic_ObjectId
Description:	Each task context named-value pair must apply to a task periodic object. Each task periodic object may apply to one or more task context objects.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_TaskContext and tbl_TaskPeriodic linked by the foreign key TaskPeriodicObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the periodic task to which this task context is assigned or to assign this task context to a nonexistent periodic task.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_TaskContext:

Name	Object Type	Description
vw_TaskContext	View	A simple view for tbl_TaskContext.
csp_TaskContextCreate	Stored Procedure	Creates a new TaskContext object by inserting a new row into tbl_TaskContext.
csp_TaskContextDelete	Stored Procedure	Deletes a TaskContext object from tbl_TaskContext as specified by the combination of the @Name and TaskPeriodicObjectId parameters.
csp_TaskContextModify	Stored Procedure	Modify a row in tbl_TaskContext

Table Triggers

No triggers are specified for tbl_TaskContext.

Column Properties

Name

Property Name	Value
Description:	The text name for the name value pair.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskContext
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TaskPeriodicObjectId

Property Name	Value
Description:	The unique identifier of the TaskPeriodic object to which this named-value pair applies.
Notes:	FK to the tbl_TaskPeriodic
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskContext
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	The value for the name, value pair.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskContext
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.98. tbl_TaskDefinition

A task that might be run on the system.

Additional Information

This table is used by the SA and SysAgent to run periodic and ad-hoc tasks

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ClassName	varchar (255 characters)	False	The full name of the java class to load when running this task.	
	DisplayNameKey	varchar (255 characters)	False	A key into the localized text table, which provides a display name for this task.	
	IsAdHoc	smallint (2 bytes)	False	A flag indicating whether this task should be presented in the SA as a possible Ad-Hoc task to run. Ad Hoc tasks are those which are run "on-demand." They are run one time, and results from the tasks execution are displayed at that time.	Bool
	Summary	nvarchar (255 characters)	True	A summary of the task used for display purposes.	

Table Keys

PK_tbl_TaskDefinition

Property Name	Value
Description:	Uniquely identifies a task definition object in this table and exclusively represents this task definition object throughout the database.
Type:	Primary
Column(s):	ClassName
Clustered?	True
Constraint Error String:	Duplicate task definition. A task definition with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_TaskDefinition.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_TaskDefinition.

Table Relationships (Foreign Keys)

tbl_TaskDefinition has no relationships specified with other tables.

Additional relationships with tbl_TaskDefinition are defined in the following tables:

[tbl_TaskPeriodic](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_TaskDefinition:

Name	Object Type	Description
vw_TaskDefinition	View	A simple view for tbl_TaskDefinition.
csp_TaskDefinitionCreate	Stored Procedure	Creates a new TaskDefinition object by inserting a new row into tbl_TaskDefinition.
csp_TaskDefinitionDelete	Stored Procedure	Deletes a TaskDefinition object from tbl_TaskDefinition as specified by the combination of the @ClassName and @DisplayNameKey parameters.
csp_TaskDefinitionModify	Stored Procedure	Updates the attributes of a TaskDefinition object based on the values passed in via the parameters. The @ClassName and @DisplayNameKey parameters identify the TaskDefinition object that is updated.

Table Triggers

No triggers are specified for tbl_TaskDefinition.

Column Properties

ClassName

Property Name	Value
Description:	The full name of the java class to load when running this task.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskDefinition

Property Name	Value
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayNameKey

Property Name	Value
Description:	A key into the localized text table, which provides a display name for this task.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskDefinition
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsAdHoc

Property Name	Value
Description:	A flag indicating whether this task should be presented in the SA as a possible Ad-Hoc task to run. Ad Hoc tasks are those which are run "on-demand." They are run one time, and results from the tasks execution are displayed at that time.

Property Name	Value
Notes:	Values: 0: Not an Ad-Hoc task. 1: This is an Ad-Hoc task.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskDefinition
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Summary

Property Name	Value
Description:	A summary of the task used for display purposes.
Notes:	This value is filled in by client applications.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskDefinition
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.99. tbl_TaskPeriodic

A task which can be scheduled to run repeatedly, either by interval (i.e. every 15 minutes), or at a fixed time of day.

Additional Information

The tasks to be run by the SysAgent are stored here. Tasks represent units of processing which the SysAgent manages.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a TaskPeriodic object.	ObjectID
FK	ClassName	varchar (255 characters)	False	The full name of the java class to load when running this task.	
	DefaultDelayOnStart	int (4 bytes)	True	The original setting for DelayOnStart.	
	DefaultIsEnabled	smallint (2 bytes)	True	The original setting for IsEnabled	Bool
	DefaultPeriod	int (4 bytes)	True	The original setting for Period.	
	DefaultRunOnStart	smallint (2 bytes)	True	The original setting for RunOnStart.	Bool
	DefaultSchedExpression	nvarchar (255 characters)	True	The original setting for SchedExpression.	
	DelayOnStart	int (4 bytes)	True	The amount of time (in minutes) to delay before starting a task with a period. This does not apply to tasks using a schedule expression.	
	InstanceDetails	nvarchar (255 characters)	True	A string that may be used to further explain a schedule task. This in conjunction with the TaskDefinition.DisplayName should give the Admin a good idea what this task will be doing. Ex: TaskDefinition.DisplayName - MWI Resync TaskPeriodic.InstanceDetails - Switch #1	
	IsEnabled	smallint (2 bytes)	False	A flag indicating whether SysAgent should schedule this periodic task.	Bool
	IsReadOnly	smallint (2 bytes)	False	A flag to indicate if the SA should allow the schedule information for this periodic task to be edited.	Bool
	Period	int (4 bytes)	True	The interval (in minutes) at which SysAgent will run the task.	
	RunOnStart	smallint (2 bytes)	False	A flag indicating whether this task will be run during startup.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	SchedExpression	nvarchar (255 characters)	True	The schedule expression used to schedule this task. This includes information such as when to start the task, when to end it and how often to run the task.	

Table Keys

PK_tbl_TaskPeriodic

Property Name	Value
Description:	Uniquely identifies a task periodic object in this table and exclusively represents this task periodic object throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate task periodic. A task periodic with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_TaskPeriodic.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_TaskPeriodic.

Table Relationships (Foreign Keys)

tbl_TaskPeriodic has the following relationships with other tables:

tbl_TaskPeriodic.ClassName (0..*) ----- (1..1) tbl_TaskDefinition.ClassName

Property Name	Value
Relationship Name:	FK_tbl_TaskPeriodic_ClassName_tbl_TaskDefinition_ClassName
Description:	Each task periodic must be assigned one class name. Each class name may be assigned to one or more task periodic objects.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_TaskPeriodic and tbl_TaskDefinition linked by the foreign key ClassName.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Constraint Error String:	An attempt was made to either delete a class to which this periodic task is assigned or to assign this periodic task to a nonexistent class.

Additional relationships with tbl_TaskPeriodic are defined in the following tables:

[tbl_TaskContext](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_TaskPeriodic:

Name	Object Type	Description
vw_TaskPeriodic	View	A simple view for tbl_TaskPeriodic.
csp_TaskPeriodicCreate	Stored Procedure	Creates a new TaskPeriodic object by inserting a new row into tbl_TaskPeriodic.
csp_TaskPeriodicDelete	Stored Procedure	Deletes a TaskPeriodic object from tbl_TaskPeriodic as specified by the @ObjectId parameter.
csp_TaskPeriodicModify	Stored Procedure	Updates the attributes of a TaskPeriodic object based on the values passed in via the parameters. The @ObjectId identifies the TaskPeriodic object that is updated.

Table Triggers

No triggers are specified for tbl_TaskPeriodic.

Column Properties

ClassName

Property Name	Value
Description:	The full name of the java class to load when running this task.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	

Property Name	Value
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultDelayOnStart

Property Name	Value
Description:	The original setting for DelayOnStart.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultIsEnabled

Property Name	Value
Description:	The original setting for IsEnabled
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultPeriod

Property Name	Value
Description:	The original setting for Period.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultRunOnStart

Property Name	Value
Description:	The original setting for RunOnStart.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultSchedExpression

Property Name	Value
Description:	The original setting for SchedExpression.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DelayOnStart

Property Name	Value
Description:	The amount of time (in minutes) to delay before starting a task with a period. This does not apply to tasks using a schedule expression.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	2147483647

InstanceDetails

Property Name	Value
Description:	A string that may be used to further explain a schedule task. This in conjunction with the TaskDefinition.DisplayName should give the Admin a good idea what this task will be doing. Ex: TaskDefinition.DisplayName - MWI Resync TaskPeriodic.InstanceDetails - Switch #1
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

IsEnabled

Property Name	Value
Description:	A flag indicating whether SysAgent should schedule this periodic task.
Notes:	Values: 0: Task will not be scheduled by SysAgent. 1: Task will be scheduled by SysAgent.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsReadOnly

Property Name	Value
Description:	A flag to indicate if the SA should allow the schedule information for this periodic task to be edited.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectID

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a TaskPeriodic object.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Period

Property Name	Value
Description:	The interval (in minutes) at which SysAgent will run the task.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	10
Validation - Maximum Value:	2147483647

RunOnStart

Property Name	Value
Description:	A flag indicating whether this task will be run during startup.
Notes:	<p>This flag can be used alone (Period=null and SchedExpression=null) or in conjunction with them.</p> <p>Note that Period=X and RunOnStart=1 is the same as Period=X and RunOnStart=0. All tasks with Period!=null are run on startup and again every x minutes after that.</p> <p>Values: 0: This task is not run at startup 1: Run this task at startup</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TaskPeriodic
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SchedExpression

Property Name	Value																					
Description:	The schedule expression used to schedule this task. This includes information such as when to start the task, when to end it and how often to run the task.																					
Notes:	<p>More details can be found at: http://quartz.sourceforge.net/javadoc/org/quartz/CronTrigger.html</p> <table><tr><th>Field Name</th><th>Allowed Values</th><th>Allowed Special Characters</th></tr><tr><td>Seconds</td><td>0-59</td><td>, - * /</td></tr><tr><td>Minutes</td><td>0-59</td><td>, - * /</td></tr><tr><td>Hours</td><td>0-23</td><td>, - * /</td></tr><tr><td>Day-of-month</td><td>1-31</td><td>, - * ? / L W C</td></tr><tr><td>Month</td><td>JAN-DEC</td><td>, - * /</td></tr><tr><td>Day-of-Week</td><td>MON- WED</td><td>, - * ? / L C #</td></tr></table> <p>EX:</p> <p>"0 0 12 * * ?" Fire at 12pm (noon) every day</p> <p>"0 15 10 ? * *" Fire at 10:15am every day</p> <p>"0 15 10 * * ?" Fire at 10:15am every day</p> <p>"0 15 10 * * ? *" Fire at 10:15am every day</p> <p>"0 * 14 * * ?" Fire every minute starting at 2pm and ending at 2:59pm, every day</p> <p>"0 0/5 14 * * ?" Fire every 5 minutes starting at 2pm and ending at 2:55pm, every day</p> <p>"0 0/5 14,18 * * ?" Fire every 5 minutes starting at 2pm and ending at 2:55pm, AND fire every 5 minutes starting at 6pm and ending at 6:55pm, every day</p> <p>"0 0-5 14 * * ?" Fire every minute starting at 2pm and ending at 2:05pm, every day</p> <p>"0 10,44 14 ? 3 WED" Fire at 2:10pm and at 2:44pm every Wednesday in the month of March.</p> <p>"0 15 10 ? * MON-FRI" Fire at 10:15am every Monday, Tuesday, Wednesday, Thursday and Friday</p> <p>"0 15 10 15 * ?" Fire at 10:15am on the 15th day of every month</p> <p>"0 15 10 L * ?" Fire at 10:15am on the last day of every month</p> <p>"0 15 10 ? * 6L" Fire at 10:15am on the last Friday of every month</p> <p>"0 15 10 ? * 6L" Fire at 10:15am on the last Friday of every month</p> <p>"0 15 10 ? * 6#3" Fire at 10:15am on the third Friday of every month</p>	Field Name	Allowed Values	Allowed Special Characters	Seconds	0-59	, - * /	Minutes	0-59	, - * /	Hours	0-23	, - * /	Day-of-month	1-31	, - * ? / L W C	Month	JAN-DEC	, - * /	Day-of-Week	MON- WED	, - * ? / L C #
Field Name	Allowed Values	Allowed Special Characters																				
Seconds	0-59	, - * /																				
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Hours	0-23	, - * /																				
Day-of-month	1-31	, - * ? / L W C																				
Month	JAN-DEC	, - * /																				
Day-of-Week	MON- WED	, - * ? / L C #																				
Business Rules:																						
Developer Notes:																						
Occurrences In Views:	vw_TaskPeriodic																					
Primary Key:	False																					
Allow Null:	True																					
Default Value:																						
Custom Type:																						
SQL Data Type/Length:	nvarchar (255 characters)																					
Validation - Expression:																						
Validation - Description:																						
Validation - Minimum Length:																						
Validation - Maximum Length:																						
Validation - Minimum Value:																						
Validation - Maximum Value:																						

3.100. tbl_TimeZone

Time zone information in a platform independent format to facilitate the necessary time zone calculations using the Java SimpleTimeZone class.

Additional Information

All the default timezone objects are created by the default object scripts. If Microsoft changes a timezone (highly unlikely), a change to the default object scripts will be required.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	TimeZoneId	int (4 bytes)	False	The unique ID for this time zone entry.	
	Bias	int (4 bytes)	False	The number of minutes that need to be subtracted from the Coordinated Universal Time (UTC) to convert to standard time in this time zone.	
	DaylightBias	int (4 bytes)	False	The number of minutes (negative or positive) that need to be added to a standard local time to convert to daylight savings time. In most timezones, this value is -60 minutes.	
	DaylightEndDay-OfWeek	smallint (2 bytes)	False	The day of week daylight savings ends on (0=Sunday, 6=Saturday).	TimezoneDayOfWeek
	DaylightEndHour	smallint (2 bytes)	False	The hour of the day expressed in 24-hour clock format (0-23) daylight savings time ends.	
	DaylightEndMonth	smallint (2 bytes)	False	The month daylight savings begins in (1=January, 12=December).	TimezoneMonth
	DaylightEndWeek	smallint (2 bytes)	False	The week of the month that daylight savings time ends.	TimezoneWeek
	DaylightStartDay-OfWeek	smallint (2 bytes)	False	The day of the week daylight savings starts on (0=Sunday, 6=Saturday).	TimezoneDayOfWeek
	DaylightStartHour	smallint (2 bytes)	False	The hour of the day expressed in 24-hour clock format (0-23) daylight savings time starts.	
	DaylightStartMonth	smallint (2 bytes)	False	The month daylight savings begins in (1=January, 12=December).	TimezoneMonth
	DaylightStartWeek	smallint (2 bytes)	False	The week of month that daylight savings time starts.	TimezoneWeek
	LocalizationKey	varchar (192 characters)	False	The key into localized text table for display name of this time zone.	

Table Keys

PK_tbl_TimeZone

Property Name	Value
Description:	Uniquely identifies a timezone in this table and exclusively represents this timezone throughout the database.
Type:	Primary
Column(s):	TimeZoneId
Clustered?	True
Constraint Error String:	Duplicate time zone. A time zone with that unique identifier already exists

Table Indexes

No indexes are specified for tbl_TimeZone.

Table Ad-Hoc Constraints

DSTOrNot

Property Name	Value
Description:	Columns must consistently indicate daylight savings time is or is not in effect
Notes:	DaylightStartMonth=0 indicates that daylight savings time is not in effect for this timezone. If that's the case, all the DayOfWeek, Hour, Month, and Week columns must also be zero. If not, then the Month and Week values must be non-zero as well since zeros in those columns mean "Daylight savings time not in effect".
Developer Notes:	
Business Rules:	
Constraint Error String:	DST settings are inconsistent

Table Relationships (Foreign Keys)

tbl_TimeZone has no relationships specified with other tables.

Additional relationships with tbl_TimeZone are defined in the following tables:

[tbl_CallHandler](#)

[tbl_User](#)

[tbl_LocationVMS](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_TimeZone:

Name	Object Type	Description
vw_TimeZone	View	A simple view for tbl_TimeZone.
csp_TimeZoneLocalUtc	Stored Procedure	Converts local time to Coordinated Universal Time (UTC) using the provided timezone identifier.
csp_TimeZoneLocalUtc_s	Stored Procedure	Wrapper around csp_TimeZoneLocalUtc that uses varchars to transmit the input and output dates.
csp_TimeZoneSet	Stored Procedure	Sets the time zone for a VMS. It sets the timezone in all user templates, default users, and for the VMS.
csp_TimeZoneUtcLocal	Stored Procedure	Converts Coordinated Universal Time (UTC) to local time using the provided timezone identifier.
csp_TimeZoneUtcLocal_s	Stored Procedure	Wrapper around csp_TimeZoneUtcLocal that uses varchars to transmit the input and output dates.

Table Triggers

No triggers are specified for tbl_TimeZone.

Column Properties

Bias

Property Name	Value
Description:	The number of minutes that need to be subtracted from the Coordinated Universal Time (UTC) to convert to standard time in this time zone.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightBias

Property Name	Value
Description:	The number of minutes (negative or positive) that need to be added to a standard local time to convert to daylight savings time. In most timezones, this value is -60 minutes.
Notes:	Use the start/end dates on daylight savings time to determine if this needs to be added or not.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightEndDayOfWeek

Property Name	Value
Description:	The day of week daylight savings ends on (0=Sunday, 6=Saturday).
Notes:	Values: 0: Sunday 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday
Business Rules:	
Developer Notes:	7 occurs - not sure what it means.
Occurrences In Views:	vw_TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneDayOfWeek
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightEndHour

Property Name	Value
Description:	The hour of the day expressed in 24-hour clock format (0-23) daylight savings time ends.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	23

DaylightEndMonth

Property Name	Value
Description:	The month daylight savings begins in (1=January, 12=December).

Property Name	Value
Notes:	Values: 0: DST not in effect 1: January 10: October 11: November 12: December 2: February 3: March 4: April 5: May 6: June 7: July 8: August 9: September
Business Rules:	
Developer Notes:	Originally thought this was 0 based, but empirical evidence shows it to be 1 based.
Occurrences In Views:	vw_TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneMonth
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightEndWeek

Property Name	Value
Description:	The week of the month that daylight savings time ends.
Notes:	Values: 0: DST not in effect 1: First week in month 2: Second week in month 3: Third week in month 4: Fourth week in month 5: Last week of the month
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TimeZone
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneWeek
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightStartDayOfWeek

Property Name	Value
Description:	The day of the week daylight savings starts on (0=Sunday, 6=Saturday).
Notes:	Values: 0: Sunday 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneDayOfWeek
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightStartHour

Property Name	Value
Description:	The hour of the day expressed in 24-hour clock format (0-23) daylight savings time starts.
Notes:	From 0 to 23.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	23

DaylightStartMonth

Property Name	Value
Description:	The month daylight savings begins in (1=January, 12=December).
Notes:	Values: 0: DST not in effect 1: January 10: October 11: November 12: December 2: February 3: March 4: April 5: May 6: June 7: July 8: August 9: September
Business Rules:	
Developer Notes:	Originally thought this was 0 based, but empirical evidence shows it to be 1 based.
Occurrences In Views:	vw_TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneMonth

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightStartWeek

Property Name	Value
Description:	The week of month that daylight savings time starts.
Notes:	Values: 0: DST not in effect 1: First week in month 2: Second week in month 3: Third week in month 4: Fourth week in month 5: Last week of the month
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneWeek
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalizationKey

Property Name	Value
Description:	The key into localized text table for display name of this time zone.

Property Name	Value
Notes:	Multiple entries exist in LocalizedText table, one for each language.
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (192 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	192 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZoneId

Property Name	Value
Description:	The unique ID for this time zone entry.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TimeZone
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.101. tbl_TransferOption

A rule that defines for each call handler how Cisco Unity Connection transfers calls from the automated attendant or a directory handler to subscriber phones. (Note that transfer rules do not apply when an outsider caller or another subscriber dials a subscriber extension directly.) Formerly referred to as "Contact Rules."

Additional Information

By default, the first thing a call handler does when a call is passed into it is to process its transfer rules and act on them. Each call handler has a collection of three transfer rules:

- * Standard - In effect during the times specified by the system "Standard" schedule.
- * Off Hours - In effect during the times specified by the system "Off Hours" schedule.
- * Alternate - Overrides the standard and off hours transfer rules, and is in effect at all times.

However, primary call handlers that are associated with subscribers, only use one transfer rule - the "Alternate" rule. Which rule is evaluated depends on which are enabled in Cisco Unity Connection Administration and the time of day. If the alternate rule is active, it is always the one evaluated, it overrides the other two in all cases. If the off hours rule is enabled and the schedule the call handler is associated with indicates it is after hours, it is evaluated. If neither the alternate or the off hours rules trigger, the standard rule is evaluated. The standard rule can never be disabled. The standard rule is enabled to prevent calls from falling through all three rules.

When transferring a call to a subscriber extension, Cisco Unity Connection can either release the call to the phone system, or it can supervise the transfer. When Cisco Unity Connection is set to supervise transfers, it can provide call screening and call holding options on indirect calls:

- * Call screening - Cisco Unity Connection will ask for the name of the caller before connecting to a subscriber. The subscriber can then hear who is calling and, when a phone is shared by more than one subscriber, who the call is for. The subscriber can then accept or refuse the call.
- * Call holding - When the phone is busy, Cisco Unity Connection can ask callers to hold. Each caller on hold uses a Cisco Unity Connection port and a phone system port, and therefore the total number of callers that can be holding in the queue at any one time is limited by the number of available ports.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	CallHandlerObjectId	char (36 characters)	False	The unique identifier of the CallHandler object to which this transfer rule belongs.	ObjectID
PK	TransferOptionType	nvarchar (64 characters)	False	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."	Transfer-RuleName
	Action	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection transfers the call to the call handler greeting or attempts to transfer the call to an extension.	Transfer-RuleAction
	Extension	nvarchar (40 characters)	True	The extension (phone number) to transfer to.	PhoneNumberE123
FK	MediaSwitchObjectId	char (36 characters)	True	The unique identifier of the MediaSwitch object that Cisco Unity Connection uses for transferring the call to the subscriber phone.	ObjectID

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	RnaAction	smallint (2 bytes)	False	The action Cisco Unity Connection takes for a "Ring-No-Answer" (RNA) condition. Cisco Unity Connection will either transfer the call to the appropriate greeting or releases the call to the phone system.	CallHandler-RNAAction
	TimeExpires	datetime (8 bytes)	True	The date and time when this transfer option expires. If the transfer rule is enabled, the value is NULL or a date in the future. If the transfer rule is disable, the value is a past date.	
	TransferAnnounce	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection plays "transferring call" when the subscriber answers the phone.	Bool
	TransferConfirm	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection prompts the subscriber to accept or refuse a call ("Press 1 to take the call or 2 and I'll take a message"). If the call is accepted, it is transferred to the subscriber phone. If the call is refused, Cisco Unity Connection plays the applicable subscriber greeting.	Bool
	TransferDtDetect	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will check for dialtone before attempting to transfer the call.	Bool
	TransferHoldingMode	smallint (2 bytes)	False	The action Cisco Unity Connection will take when the extension is busy.	CallHandler-HoldMode
	TransferIntroduce	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will say "call for <recorded name of the call handler>" when the subscriber answers the phone.	Bool
	TransferRings	smallint (2 bytes)	False	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.	
	TransferScreening	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will prompt callers to say their names. When the phone is answered, the subscriber hears "Call from..." before Cisco Unity Connection transfers the call.	Bool
	TransferType	smallint (2 bytes)	False	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).	TransferType

Table Keys

PK_tbl_TransferOption

Property Name	Value
Description:	Uniquely identifies a transfer rule in this table and exclusively represents this transfer rule throughout the database.
Type:	Primary
Column(s):	CallHandlerObjectId , TransferOptionType
Clustered?	True
Constraint Error String:	Duplicate transfer option. A transfer option with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_TransferOption.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_TransferOption.

Table Relationships (Foreign Keys)

tbl_TransferOption has the following relationships with other tables:

tbl_TransferOption.MediaSwitchObjectId (0..*) ----- (1..1) tbl_MediaSwitch.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_TransferOption_MediaSwitchObjectId_tbl_MediaSwitch_ObjectId
Description:	Each transfer option must be serviced by one media switch. Each media switch may service one or more transfer options.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_TransferOption and tbl_MediaSwitch linked by the foreign key MediaSwitchObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a phone system to which this transfer option is assigned or to assign this transfer option to a nonexistent phone system.

tbl_TransferOption.CallHandlerObjectId (3..3) ----- (1..1) tbl_CallHandler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_TransferOption_CallHandlerObjectId_tbl_CallHandler_ObjectId
Description:	Each transfer option is assigned to one call handler. Each call handler must be assigned three transfer options.
Foreign Key:	True

Property Name	Value
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_TransferOption and tbl_CallHandler linked by the foreign key CallHandlerObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the call handler is deleted, the FK Cascade Delete constraint will ensure that the corresponding transfer option is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to assign this transfer option to a nonexistent call handler.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_TransferOption:

Name	Object Type	Description
vw_Contact	View	A system contact along with its associated alias, dtmfaccessid, and streamfile attributes.
vw_TransferOption	View	View for transfer options of a call handler.
csp_CallhandlerGetActiveTransferOption	Stored Procedure	Retrieve the active transfer option for a specified call handler.
csp_ContactCreate	Stored Procedure	Creates a contact representing a user in a remote mail system by inserting a new row into tbl_Contact. In addition to creating a new Contact object, this procedure also creates several Contact related objects: * A DtmfAccessId object by inserting a new row into tbl_DtmfAccessId. * An Alias object is created in the tbl_Alias table by calling csp_AliasCreate. * If the parameter @VoiceName contains a value other than NULL, a StreamFile object is created with the value of tbl_StreamFile.FileName = @VoiceName. If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.
csp_ContactModify	Stored Procedure	Updates the attributes of a Contact object based on the values passed in via the parameters. The @ObjectId parameter identifies the Contact object that is updated.
csp_TransferOptionCreate	Stored Procedure	Creates a new TransferOption object by inserting a new row into tbl_TransferOption.
csp_TransferOptionDelete	Stored Procedure	Deletes a TransferOption object from tbl_TransferOption as specified by the combination of the @CallHandlerObjectId and @TransferOptionType parameters.
csp_TransferOptionModify	Stored Procedure	Updates the attributes of a TransferOption object based on the values passed in via the parameters. The @CallHandlerObjectId and @TransferOptionType parameters identify the TransferOption object that is updated.

Table Triggers

No triggers are specified for tbl_TransferOption.

Column Properties

Action

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection transfers the call to the call handler greeting or attempts to transfer the call to an extension.
Notes:	Values: 0: Play greeting - Cisco Unity Connection transfers the call to the call handler greeting. 1: Transfer - Cisco Unity Connection transfers the call to the number in the "Extension" column in tbl_TransferOption.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TransferRuleAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this transfer rule belongs.
Notes:	A transfer rule can belong only to a call handler object.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	True
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Extension

Property Name	Value
Description:	The extension (phone number) to transfer to.
Notes:	If an administrator using Cisco Unity Connection Administration chooses to transfer to the extension of a subscriber or call handler, Cisco Unity Connection will automatically enter the DtmfAccessId value pulled from the DtmfAccessId table for the call handler into this column.
Business Rules:	<ol style="list-style-type: none"> 1. The default value is the DtmfAccessId of the call handler to which this transfer rule belongs. 2. The valid characters for the extension are digits 0-9, T and t (indicates tone dialing), comma (indicating a pause - not supported if integration is SIP), asterisk (*) and hash (#) characters. This is for backwards compatibility with Unity 4.x.
Developer Notes:	
Occurrences In Views:	vw_TransferOption , vw_Contact
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object that Cisco Unity Connection uses for transferring the call to the subscriber phone.
Notes:	Used to support multiple phone system (i.e., switch) integrations. If a call comes in on a PBX, for instance, and a subscriber is on a Call Manager IP phone, Cisco Unity Connection needs to know that to transfer to that subscriber phone it may need to dial a trunk access code to bridge the call across the PBX to the IP phone. FK to tbl_MediaSwitch.ObjectId
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RnaAction

Property Name	Value
Description:	The action Cisco Unity Connection takes for a "Ring-No-Answer" (RNA) condition. Cisco Unity Connection will either transfer the call to the appropriate greeting or releases the call to the phone system.
Notes:	This column only applies if the value of the TransferType column is set to supervised (1). Normally, this column is not used. Cisco Unity Connection simply processes the transfer rules if the transfer is RNA. Values: 0: Release - release the call to the phone system. 1: Play greeting - after the number of rings (as defined by "TransferRings" column), pull back the call and transfer the call to the appropriate greeting.
Business Rules:	
Developer Notes:	Unconfirmed information from Unity 4.0(3) data dictionary: Values of 2, 3, and 4 were added for special mobility functionality being released post 4.0(1). These values are only viable on primary call handlers (assigned to subscribers).
Occurrences In Views:	vw_TransferOption

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	CallHandlerRNAAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeExpires

Property Name	Value
Description:	The date and time when this transfer option expires. If the transfer rule is enabled, the value is NULL or a date in the future. If the transfer rule is disable, the value is a past date.
Notes:	<p>Rather than use a simple on and off scheme for enabling transfer options and greetings, Cisco Unity Connection employs a date scheme. If the value is NULL or a date in the future then the transfer option is considered enabled. If the date is sometime in the past, then the transfer option is considered disabled.</p> <p>The "Standard" transfer option should never be disabled. For primary call handlers associated with subscribers, the "Alternate" transfer option should always be enabled since subscribers have only one transfer option used currently.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferAnnounce

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays "transferring call" when the subscriber answers the phone.
Notes:	Requires a TransferType column value = "Supervised" (1). Values: 0: Do not say "Transferring call" when the subscriber answers the phone 1: Say "Transferring call" when the subscriber answers the phone
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferConfirm

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection prompts the subscriber to accept or refuse a call ("Press 1 to take the call or 2 and I'll take a message"). If the call is accepted, it is transferred to the subscriber phone. If the call is refused, Cisco Unity Connection plays the applicable subscriber greeting.
Notes:	Requires a TransferType column value = "Supervised" (1). Typically this is used in conjunction with the call screening option ("TransferScreening" column) enabled. This combination enables the subscriber to hear the name of the caller and then decide if they want to take the call or not. Values: 0: Transfer confirm disabled 1: Transfer confirm enabled
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferDtDetect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will check for dialtone before attempting to transfer the call.
Notes:	<p>Requires a TransferType column value = "Supervised" (1).</p> <p>This is usually used for phone systems that do not have "positive disconnect" capabilities to avoid sending terminated calls to the operator console, for instance.</p> <p>Values: 0: Do not check for dialtone prior to transferring a call 1: Check for dialtone prior to transferring a call</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferHoldingMode

Property Name	Value
Description:	The action Cisco Unity Connection will take when the extension is busy.
Notes:	Requires a TransferType column value = "Supervised" (1). Values: 0: No - Cisco Unity Connection prompts the caller to leave a message and allows the caller to dial another extension. 1: Yes - Cisco Unity Connection plays a prompt indicating that the extension is busy. The caller is put on hold. Note that this hold is not performed by the phone system. 2: Ask - Cisco Unity Connection gives the caller the options of holding, leaving a message, or dialing another extension.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	CallHandlerHoldMode
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferIntroduce

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will say "call for <recorded name of the call handler>" when the subscriber answers the phone.
Notes:	Requires a TransferType column value = "Supervised" (1). This functionality is normally used when a single extension number is being shared by multiple subscribers or a scenario where the subscriber who is the message recipient takes calls for more than one dialed extension. The introduction alerts the subscriber who answers that the call is for the call handler.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferOptionType

Property Name	Value
Description:	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."
Notes:	Values: Alternate: Alternate - in effect at all times, overrides standard and offhours. Off Hours: Off hours - off or closed hours based on specified schedule. Standard: Standard - standard hours based on specified schedule.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	TransferRuleName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferRings

Property Name	Value
Description:	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.

Property Name	Value
Notes:	Applies only when the value of the TransferType column is set to "Supervised" (1).
Business Rules:	The value of this column should never be less than 2 for a supervised transfer.
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	2
Validation - Maximum Value:	19

TransferScreening

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will prompt callers to say their names. When the phone is answered, the subscriber hears "Call from..." before Cisco Unity Connection transfers the call.
Notes:	Requires a TransferType column value = "Supervised" (1). Normally this column is used along with the TransferConfirm column to allow the subscriber to screen calls. Values: 0: Call screening disabled 1: Ask and record caller name
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferType

Property Name	Value
Description:	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Notes:	Values: 0: Unsupervised (release) transfer - just let the switch do the transfer, and do not stay on the line and take action on RNA or busy. 1: Supervised transfer - listen for busy, ring no answer.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TransferOption
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TransferType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.102. tbl_TreeControlNode

A node of a tree control menu.

Additional Information

This table defines all of the nodes of a tree control menu, which is used by the Cisco Unity Connection Administration.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a TreeControl object (node).	ObjectID
	Action	nvarchar (255 characters)	True	The URL for the href attribute of the tree node when rendered.	
	DisplayOrder	int (4 bytes)	True	The order in which the nodes are displayed. An index value.	
	Expanded	smallint (2 bytes)	False	A flag indicating whether this node should be expanded by default.	Bool
	Icon	nvarchar (255 characters)	True	A Uniform Resource Identifier (URI) containing the internet address to an image.	
	Label	nvarchar (128 characters)	True	The label is used to localize the displayable text for the node, it could be the name of a Java ResourceBundle key, or a String literal.	
	NodeName	nvarchar (50 characters)	False	The name of this node.	
	ParentObjectId	char (36 characters)	True	The unique identifier of the parent Node to which this node belongs.	ObjectID
	Target	nvarchar (255 characters)	True	The target HTML frame for the Action request - e.g. when the Action for the tree node is executed it is rendered in the frame specified by this attribute.	
	Tooltip	nvarchar (100 characters)	True	A tool tip for menu item.	

Table Keys

CK_tbl_TreeControlNode_NodeName

Property Name	Value
Description:	The NodeName must be unique.
Type:	Candidate

Property Name	Value
Column(s):	NodeName
Clustered?	False
Constraint Error String:	Duplicate tree control node name.

PK_tbl_TreeControlNode

Property Name	Value
Description:	Uniquely identifies a node in this table and exclusively represents this node throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate tree control node. A tree control node with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_TreeControlNode.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_TreeControlNode.

Table Relationships (Foreign Keys)

tbl_TreeControlNode has no relationships specified with other tables.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_TreeControlNode:

Name	Object Type	Description
vw_TreeControlNode	View	A simple view for tbl_TreeControlNode.

Table Triggers

No triggers are specified for tbl_TreeControlNode.

Column Properties

Action

Property Name	Value
Description:	The URL for the href attribute of the tree node when rendered.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TreeControlNode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayOrder

Property Name	Value
Description:	The order in which the nodes are displayed. An index value.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TreeControlNode
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	256

Expanded

Property Name	Value
Description:	A flag indicating whether this node should be expanded by default.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TreeControlNode
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Icon

Property Name	Value
Description:	A Uniform Resource Identifier (URI) containing the internet address to an image.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TreeControlNode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Label

Property Name	Value
Description:	The label is used to localize the displayable text for the node, it could be the name of a Java ResourceBundle key, or a String literal.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TreeControlNode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NodeName

Property Name	Value
Description:	The name of this node.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TreeControlNode
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (50 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	50 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a TreeControl object (node).
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_TreeControlNode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ParentObjectId

Property Name	Value
Description:	The unique identifier of the parent Node to which this node belongs.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TreeControlNode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Target

Property Name	Value
Description:	The target HTML frame for the Action request - e.g. when the Action for the tree node is executed it is rendered in the frame specified by this attribute.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TreeControlNode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Tooltip

Property Name	Value
Description:	A tool tip for menu item.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_TreeControlNode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (100 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	100 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.103. tbl_User

A user account in the Cisco Unity Connection system.

Additional Information

This table contains the account data and contact information of persons who have an account on the system. A person must have a user account on the system in order to logon and gain access system services such as a subscription to a voice mailbox. A Unity user is not required to have a voice mail subscription or mailbox assigned to the user's account. Also it is possible for a user to be a subscriber but not have a mailbox. This is to allow supporting "Internet Subscribers" which are essentially the same as subscribers but with a remote email address.

Views are made for User and Contact that expose only the properties those should have, so that we can later split them up if desired without impacting clients. This of course means having separate sprocs too.

We may also want a view of this in Unified Communications Manager property terms - I believe their table is called EndUser, so if we made a vw_EndUser view it would make things nice and consistent.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectId
	Address	nvarchar (128 characters)	True	The physical address such as a house number and street name where the user is located, or with which a user is associated.	
	AltFirstName	nvarchar (64 characters)	True	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	AltLastName	nvarchar (64 characters)	True	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	BillingId	nvarchar (32 characters)	True	Accounting information or project code associated with this user.	
	Building	nvarchar (64 characters)	True	The name of the building where the user is based (e.g., SJ-21).	
	CcmId	nvarchar (128 characters)	True	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager	
	CcmIdType	int (4 bytes)	True	Type of CCM user/object this id refers to (end user, application user, or directory number)	CcmIdType

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	City	nvarchar (64 characters)	True	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.	
FK	CosObjectId	char (36 characters)	True	The unique identifier of the COS (Class of Service) object to which this user account is associated.	ObjectID
	Country	nvarchar (2 characters)	True	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.	
	CreationTime	datetime (8 bytes)	False	The date and time the user account was created.	
	Department	nvarchar (64 characters)	True	The name or number for the department or subdivision of an organization to which a person belongs.	
	DirectoryId	lvarchar (2048 characters)	True	The identifier of a user in a corporate directory (such as Active Directory).	DirectoryId
	DisplayName	nvarchar (64 characters)	True	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	DtmfNameFirst	varchar (16 characters)	True	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameFirstLast	varchar (16 characters)	True	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameLast	varchar (16 characters)	True	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameLastFirst	varchar (16 characters)	True	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	EmailAddress	lvarchar (320 characters)	True	The primary email address of the user. Not used for incoming mail delivery - informational only.	EmailAddress
	EmployeeId	nvarchar (64 characters)	True	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	EnhancedSecurityAlias	nvarchar (50 characters)	True	The unique text name used to identify and authenticate the user with an RSA SecurID security system.	
	FirstName	nvarchar (64 characters)	True	The first name (i.e., givenName) of this user. Not their surname nor middle name.	Name
	Initials	nvarchar (12 characters)	True	The initial letters of some or all of the names of this user.	
	IsTemplate	smallint (2 bytes)	False	A flag indicating whether this instance of a User object is a "template" for creating new users.	Bool
	Language	int (4 bytes)	True	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.	Language-Code
	LastName	nvarchar (64 characters)	True	The last name (i.e., surname or family name) of this user, by which a user is commonly known.	Name
FK	LocationObjectId	char (36 characters)	False	The unique identifier of the LocationVMS object to which this user belongs.	ObjectID
	MailboxDn	lvarchar (392 characters)	True	The distinguished name of the mailbox.	
	Manager	nvarchar (64 characters)	True	The name of the person who is the manager or supervisor of the user.	
	PabLastImported	datetime (8 bytes)	True	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.	
	PostalCode	nvarchar (40 characters)	True	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.	
	ReadOnly	smallint (2 bytes)	False	If set to 1 (true) user is read-only and cannot be modified.	Bool
	RouteNDRToSender	smallint (2 bytes)	False	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.	Bool
	State	nvarchar (64 characters)	True	The full name of the state or province where this user is located, or with which a user is associated.	
FK	StreamFileObjectId	char (36 characters)	True	The unique identifier of the StreamFile object that represents the voice name for this user.	ObjectID
FK	TimeZone	int (4 bytes)	True	The time zone to which this user account is associated.	
	Title	nvarchar (64 characters)	True	The position or function of a user within an organization, such as 'Vice President.'	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	Undeleteable	smallint (2 bytes)	False	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool

Table Keys

PK_tbl_User

Property Name	Value
Description:	Uniquely identifies a user account in this table and exclusively represents this user account throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	False
Constraint Error String:	Duplicate user. A user with that unique identifier already exists.

Table Indexes

Name	Description	Unique	Clustered	Sort Direction	Columns
IX_tbl_User_IsTemplate		False	False	Ascending	IsTemplate

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_User.

Table Relationships (Foreign Keys)

tbl_User has the following relationships with other tables:

tbl_User.CosObjectId (0..*) -----(1..1) tbl_Cos.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_User_CosObjectId_tbl_Cos_ObjectId
Description:	Each user must be assigned to one COS. Each COS may be assigned to one or more users.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_User and tbl_Cos linked by the foreign key CosObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a COS to which this user is assigned or to assign this user to a nonexistent COS.

tbl_User.LocationObjectId (0..*) ----- (1..1) tbl_LocationVMS.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_User_LocationObjectId_tbl_LocationVMS_ObjectId
Description:	Each user must belong to one LocationVMS. Each LocationVMS may be assigned one or more users.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_User and tbl_LocationVMS linked by the foreign key LocationObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the location to which this user belongs or to assign this user to a nonexistent location.

tbl_User.StreamFileObjectId (0..*) ----- (0..1) tbl_StreamFile.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_User_StreamFileObjectId_tbl_StreamFile_ObjectId
Description:	Each user may have one recorded voice name. Each recorded voice name may apply to one user.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_User and tbl_StreamFile linked by the foreign key StreamFileObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a stream file that has the name of the audio file containing the recorded voice name of this user or to assign this user to a nonexistent stream file.

tbl_User.TimeZone (0..*)-----^(0..1)tbl_TimeZone.TimeZoneId

Property Name	Value
Relationship Name:	FK_tbl_User_TimeZone_tbl_TimeZone_TimeZoneId
Description:	Each user may be assigned to one time zone. Each time zone may be assigned to one or more users.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_User and tbl_TimeZone linked by the foreign key TimeZone.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a time zone to which this user is assigned or to assign this user to a nonexistent time zone.

Additional relationships with tbl_User are defined in the following tables:

tbl_Credential

tbl_DistributionListSetMember

tbl_UserSubscriber

tbl_UserCredentialHistory

tbl_DistributionListMember

tbl_PhoneNumber

tbl_Policy

tbl_Policy

tbl_PersonalContact

tbl_PersonalGroup

tbl_PersonalGroupMember

tbl_MailboxMap

tbl_PersonalRuleCaller

tbl_Alias

tbl_AlternateName

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_User:

Name	Object Type	Description
vw_DistributionListMemberTemplate	View	A distribution list member template.
vw_NotificationAllActiveDevices	View	This view shows all active devices for users on the system. If a user does not have a single active device then a row will be present for this user with deviceobjectid and mwioobjectid both set to null.
vw_Subscriber	View	The subscriber view contains all users that have a voice mail subscription. It includes the user information and the associated voice mail information.
vw_Subscriber_List	View	A narrow view of a user with voice mail. This view provides a list of all users who have a voice mail box, which is used by CUSA to provide list of users with voice mail in drop-down lists. It contains only the ObjectId and DisplayName for each user with voice mail.
vw_Subscriber_MediaSwitchAssocCounts	View	For each subscriber the number of devices owned by the subscriber on each phone system, where the subscriber's extension (primary call handler) is treated as a "device".
vw_Subscriber_MediaSwitchAssocCounts_NonEmpty	View	For each subscriber that has either a call handler, notificationMWI or notification device - the number of devices owned by the subscriber on each phone system, where the subscriber's extension (primary call handler) is treated as a "device".
vw_Subscriber_PrimaryDtmf	View	A list of subscriber objects and their associated primary dtmf access ids.
vw_Subscriber_VoiceFileName	View	A listing of subscriber objects and their associated voicefile filenames.
vw_SubscriberExternalServiceMapDetail	View	Subscriber to External Service mapping, with added detail.
vw_SubscriberPolicy	View	Internal use only.
vw_SubscriberTemplate	View	Provides default values for new voice mail user (subscriber) properties when creating a new voice mail user.
vw_User	View	Contains the account data and contact information of persons who have an account on the system and who can logon to the system. A person must have a user account on the system in order to logon and gain access system services such as a subscription to a voice mailbox.
vw_UserMailboxMap	View	Provides the mailbox information (server, database, mailbox id) for all of a user's mailboxes.
vw_UserNonSubscriber	View	Same as vw_User, but excludes users with voice mail subscriptions
vw_UserPrimarySmtpAddress	View	Provides a list of only the primary SMTP address for all users that have at least one mailbox associated with their user account.
vw_UserTemplate	View	Provides the default values for user properties when creating new users. User properties include the account data and contact information of persons who have an account on the system. A person must have a user account on the system in order to logon and gain access system services such as a subscription to a voice mailbox.
csp_BroadcastMessageSetRead	Stored Procedure	Marks a broadcast message as read (or unread) for a subscriber.

Name	Object Type	Description
csp_CheckAccessToResource	Stored Procedure	Determines what access a user has to the specified resource. Retrieves the value of all *Access columns for the specified instance of a User object.
csp_CredentialHistoryClear	Stored Procedure	Clears the credential history for a user.
csp_SubscriberCreate	Stored Procedure	Creates a new voice mail user (subscriber).
csp_SubscriberModify	Stored Procedure	Updates the attributes of a voice mail user (subscriber) based on the values passed in.
csp_SubscriberTemplateCreate	Stored Procedure	Creates a new Subscriber template, either from scratch or based on an existing template or user, by inserting a new row into tbl_UserSubscriber and tbl_User.
csp_SubscriberTemplateDelete	Stored Procedure	Deletes a Subscriber template from tbl_UserSubscriber as specified by the @ObjectId parameter.
csp_SubscriberTemplateModify	Stored Procedure	Updates the attributes of a Subscriber template based on the values passed in via the parameters. The @ObjectId identifies the Subscriber object in tbl_UserSubscriber that is updated.
csp_UserCreate	Stored Procedure	Creates a new User account from a user template by inserting a new row into tbl_User.
csp_UserDelete	Stored Procedure	Deletes a User object from tbl_User as specified by the @ObjectId parameter.
csp_UserModify	Stored Procedure	Updates the attributes of a User account based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User that is updated.
csp_UserModifyName	Stored Procedure	<p>Updates a subset of the attributes (name attributes only) of a User object based on the values passed in via the parameters. The @ObjectId parameter identifies the User object that is updated.</p> <p>This offers a subset of the UserModify procedure whereby only the name elements of a user may be modified. It is restricted in scope so it may be assigned to a finer-grained privilege that allows only name updates on users.</p>
csp_UserTemplateCreate	Stored Procedure	Creates a new User template by inserting a new row into tbl_User and tbl_UserTemplate.
csp_UserTemplateModify	Stored Procedure	Updates the attributes of a User template based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User and tbl_UserTemplate that is updated.

Table Triggers

No triggers are specified for tbl_User.

Column Properties

Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	This address may not necessarily be the same as the address where the user receives letters or parcels (i.e. postal address). This column is for informational purposes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltFirstName

Property Name	Value
Description:	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user firstname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altfirstname column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$

Property Name	Value
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltLastName

Property Name	Value
Description:	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user lastname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altlastname column.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	The BillingID can be used in report generation to group call activity for subscribers. For example, to group the call activity for all subscriber in the same department or those subscribers who are part of the same billing group on a phone system.
Business Rules:	If a BillingID exists for a user, it is logged for all phone activity for a user.

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or Unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmId

Property Name	Value
Description:	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Notes:	See CcmIdType to determine what type of object this refers to.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any non-printable character
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmIdType

Property Name	Value
Description:	Type of CCM user/object this id refers to (end user, application user, or directory number)
Notes:	Values: 0: End User 1: Application User (such as Unity) 2: Directory Number
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	CcmIdType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	PA Speech Enabled Name Dialing uses 'city' as a disambiguation method when duplicate names are present.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	The Class of Service (COS) specifies the features for which a user is licensed and limits such as recording limits. See tbl_COS table for more details.
Business Rules:	A user object is not required to have a COS associated with it. For example, a user who does not have any subscriptions to services such as voice mail or PA would not have a COS.
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (2 characters)
Validation - Expression:	^[a-zA-Z]*\$
Validation - Description:	ASCII lower or upper case alphabetical character only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the user account was created.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).

Property Name	Value
Notes:	Exactly what is stored here changes depending on the directory.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	<p>The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns.</p> <p>If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.</p>
Developer Notes:	
Occurrences In Views:	vw_SubscriberPolicy , vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber , vw_Subscriber_List , vw_Subscriber_MediaSwitchAssocCounts , vw_Subscriber_MediaSwitchAssocCounts_NonEmpty , vw_DistributionListMemberTemplate , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirst

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name of the user. These digits are used for searching the user by name via the phone.
Notes:	
Business Rules:	When the first name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirstLast

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the user. These digits are used for searching the user by name via the phone.
Notes:	The digits corresponding to the user first name are first, followed by the digits corresponding to the user last name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of either the user first or last name columns. For example, if a user name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 8424282733427439

Property Name	Value
Business Rules:	When the first or last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLast

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name of the user. These digits are used for searching the user by name via the phone.
Notes:	
Business Rules:	When the last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLastFirst

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the user. These digits are used for searching the user by name via the phone.
Notes:	The digits corresponding to the user last name are first, followed by the digits corresponding to the user first name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of the user last or first name columns. For example, if a user name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 4274392842428273
Business Rules:	When the last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmailAddress

Property Name	Value
Description:	The primary email address of the user. Not used for incoming mail delivery - informational only.
Notes:	Not auto-generated.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	EmailAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmployeeId

Property Name	Value
Description:	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EnhancedSecurityAlias

Property Name	Value
Description:	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Notes:	The COS that the user belongs to must have Enhanced Security enabled. If the COS that the user belongs to has Enhanced Security enabled, and this column is blank, then the SignIn conversation uses the user alias column instead.
Business Rules:	
Developer Notes:	The Enhanced Security feature (i.e., RSA two-factor security) is not a requirement for Cisco Unity Connection.
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (50 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	50 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Notes:	The firstname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.
Business Rules:	This column is optional - not required to create a user.
Developer Notes:	
Occurrences In Views:	vw_SubscriberPolicy , vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Initials

Property Name	Value
Description:	The initial letters of some or all of the names of this user.

Property Name	Value
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	^[p{L}\p{Digit}`~!@#%&^&_{} \.,']*
Validation - Description:	Any alphabetical or numeric character (ANSI or Unicode); special ASCII characters ` , ~ , ! , @ , # , \$, % , ^ , & , - , _ , ' , period, comma, and space.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	6 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsTemplate

Property Name	Value
Description:	A flag indicating whether this instance of a User object is a "template" for creating new users.
Notes:	Used to provide default values for selected columns when creating new users. Example: In a corporate campus environment, an administrator can create a user template for each building that is prepopulated with the address information (address, building, city, state, postalcode, timezone, etc.) for the particular building.
Business Rules:	Cannot be modified.
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.

Property Name	Value
Notes:	<p>NULL is not allowed because the subscriber language cannot be inherited. See customtype "LanguageCode" for more information.</p> <p>There is another language value for a subscriber that outside callers hear when they call this subscriber. This is set on the primary call handler for this subscriber and CAN be set to NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069</p>

Property Name	Value
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057

Property Name	Value
	2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	The default value for this column is derived from the user template.
Developer Notes:	Allowing NULL now.
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Notes:	The lastname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.
Business Rules:	This column is optional - not required to create a user.
Developer Notes:	
Occurrences In Views:	vw_SubscriberPolicy , vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this user belongs.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	Identifies a mailbox in foreign email system for use in synchronizing information stored there, such as calendar information for personal rules.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (392 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	392 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_DistributionListMemberTemplate , vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber , vw_Subscriber_MediaSwitchAssocCounts , vw_Subscriber_MediaSwitchAssocCounts_NonEmpty , vw_Subscriber_PrimaryDtmf , vw_Subscriber_VoiceFileName , vw_NotificationAllActiveDevices , vw_SubscriberExternalServiceMapDetail , vw_SubscriberPolicy , vw_UserPrimarySmtAddress , vw_UserMailboxMap
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	A specific format for zip or postal codes is not required since these items differ so widely and can change at any time. This column is for informational purposes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	Normally used only for system objects.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.

Property Name	Value
Notes:	<p>Values:</p> <p>0: Cisco Unity Connection will not route an NDR to the sender's mailbox. Rather Cisco Unity Connection will delete the NDR.</p> <p>1: Cisco Unity Connection will route an NDR to the sender's mailbox when the message is undeliverable. The NDR message will be presented in the new message stack. Cisco Unity Connection will activate the MWI similar to new voice messages. Cisco Unity Connection will also notify based on subscriber notification device settings when new NDR's are present in the subscriber mailbox similar to new voice messages.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserMailboxMap , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that represents the voice name for this user.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	<p>The TimeZone value refers to an entry in the table tbl_TimeZone.</p> <p>By default this value is NULL, which means the user is in the same time zone as the VMS on which their account resides. If, however, a user is checking messages from another time zone, this value can be set to associate them with any time zone.</p> <p>Since messages are all stored with time stamps in Universal Time Coordinated (UTC), Unity translates the times into the appropriate time zone on the fly when users are checking messages in the same way an email client does when showing you your inbox.</p>
Business Rules:	

Property Name	Value
Developer Notes:	In versions prior to Cisco Unity Connection, the bias was stored in the lower 16-bits of the integer and the upper 16-bits was reserved for an identifier.
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber , vw_NotificationAllActiveDevices
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Title

Property Name	Value
Description:	The position or function of a user within an organization, such as 'Vice President.'
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Values: 0: Can be deleted 1: Cannot be deleted
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_User , vw_UserTemplate , vw_SubscriberTemplate , vw_Subscriber , vw_UserNonSubscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.104. tbl_UserCredentialHistory

A history of user credentials. A change is recorded for each creation or change of a user credential, e.g. PIN or password.

Additional Information

This data is used to prevent former user credentials from being reused when a new credential is created, if desired.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ChangeId	int (4 bytes)	False	A historical index of credential changes. Allows the fetching of the last 'n' credentials, if desired.	
PK	CredentialType	int (4 bytes)	False	The type of credential such as a password or PIN.	Credential-Type
PK, FK	UserObjectId	char (36 characters)	False	The unique identifier of the User object for which this credential change occurred.	ObjectID
	Credentials	varchar (254 characters)	True	The credential, e.g., PIN or password created by this change. Credentials can be an encoded PIN or password.	
	TimeChanged	datetime (8 bytes)	False	The date and time the credential was created or changed.	

Table Keys

PK_tbl_UserCredentialHistory

Property Name	Value
Description:	Uniquely identifies a combination of a user account, credentials type, and change ID in this table and exclusively represents this combination throughout the database.
Type:	Primary
Column(s):	ChangeId , CredentialType , UserObjectId
Clustered?	True
Constraint Error String:	Duplicate user credential history. A user credential history record with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_UserCredentialHistory.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_UserCredentialHistory.

Table Relationships (Foreign Keys)

tbl_UserCredentialHistory has the following relationships with other tables:

tbl_UserCredentialHistory.UserObjectId (0..*) ----- (1..1) tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_UserCredentialHistory_UserObjectId_tbl_User_ObjectId
Description:	Each user credential history must belong to one user. Each user has one or more credential histories.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_UserCredentialHistory and tbl_User linked by the foreign key UserObjectId.
Cascade On Delete:	Enabled - SQL will perform cascading DELETE.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	When the user is deleted, the FK Cascade Delete constraint will ensure that the corresponding user credential history is also deleted.
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to designate a nonexistent user as the owner of this credential history.

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_UserCredentialHistory:

Name	Object Type	Description
vw_UserCredentialHistory	View	Simple view for tbl_UserCredentialHistory
csp_CredentialHistoryClear	Stored Procedure	Clears the credential history for a user.

Table Triggers

No triggers are specified for tbl_UserCredentialHistory.

Column Properties

Changeld

Property Name	Value
Description:	A historical index of credential changes. Allows the fetching of the last 'n' credentials, if desired.
Notes:	
Business Rules:	
Developer Notes:	The maximum value is the maximum value allowed by the data type.
Occurrences In Views:	vw_UserCredentialHistory
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Credentials

Property Name	Value
Description:	The credential, e.g., PIN or password created by this change. Credentials can be an encoded PIN or password.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserCredentialHistory
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CredentialType

Property Name	Value
Description:	The type of credential such as a password or PIN.
Notes:	Values: 1: Windows credential. 2: Domino credential. 3: Password (such as would be used with a GUI client). 4: PIN (as would be used over the phone via the TUI).
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserCredentialHistory
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	CredentialType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeChanged

Property Name	Value
Description:	The date and time the credential was created or changed.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserCredentialHistory
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object for which this credential change occurred.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserCredentialHistory
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.105. tbl_UserSubscriber

A subscription to a service such as voice mail or personal call routing by a user.

Additional Information

This table contains all the parameters for the services.

A User object combined with a UserSubscriber object is basically the same as a "Subscriber" was in the 4.0x product. A separate object (the "CallHandler") contains instructions for handling phone calls to this person, including the DTMFID and extension assigned to the subscriber.

In Cisco Unity Connection, all subscribers will "own" a voice mailbox..

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK, FK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a UserSubscriber object.	ObjectID
	AddressAfterRecord	smallint (2 bytes)	False	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.	Bool
	AddressMode	smallint (2 bytes)	False	The default method the subscriber will use to address messages to other subscribers.	Address-Mode
	AnnounceUpcoming-Meetings	int (4 bytes)	False	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.	
	AssistantRowsPerPage	int (4 bytes)	False	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.	
	CallAnswerTimeout	int (4 bytes)	False	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.	
FK	CallHandlerObjectId	char (36 characters)	True	The unique identifier of the primary CallHandler object for the subscriber.	ObjectID

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	ClientMatterCode	varchar (40 characters)	True	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.	ClientMatter-Code
	ClockMode	smallint (2 bytes)	False	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.	ClockMode
	ConfirmationConfidenceThreshold	int (4 bytes)	False	Voice Recognition Confirmation Confidence Threshold	
	ConfirmDeleteDeletedMessage	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.	Bool
	ConfirmDeleteMessage	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.	Bool
	ConfirmDeleteMultipleMessages	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.	Bool
FK	ConversationTui	nvarchar (64 characters)	True	The name of the conversation the subscriber uses to set up, send, and retrieve messages.	ConversationName
FK	ConversationVui	nvarchar (64 characters)	True	The VUI conversation assigned to the subscriber.	ConversationName
	DelayAfterGreeting	int (4 bytes)	True	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.	
	DeletedMessageSortOrder	smallint (2 bytes)	False	The order in which Cisco Unity Connection presents deleted messages to the subscriber.	Message-SortOrder
	EnableMessageLocator	smallint (2 bytes)	False	A flag indicating whether the message locator feature is enabled for the subscriber.	Bool
	EnablePersonalRules	smallint (2 bytes)	False	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.	Bool
	EnableTts	smallint (2 bytes)	False	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	EnableVisualMessageLocator	smallint (2 bytes)	False	A flag indicating whether the visual message locator feature is enabled for the subscriber.	Bool
	EnAltGreetDontRingPhone	smallint (2 bytes)	False	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.	Bool
	EnAltGreetPreventMsg	smallint (2 bytes)	False	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.	Bool
	EnAltGreetPreventSkip	smallint (2 bytes)	False	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.	Bool
	EncryptPrivateMessages	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.	Bool
FK	ExitCallActionObjectId	char (36 characters)	False	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.	ObjectID
	FirstDigitTimeout	int (4 bytes)	False	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.	
	ForcedAuthorizationCode	varchar (40 characters)	True	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.	ForcedAuthorizationCode
	GreetByName	smallint (2 bytes)	False	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.	Bool
	InboxAutoRefresh	int (4 bytes)	False	The rate (in minutes) at which Unity Inbox performs a refresh.	
	InboxAutoResolveMessageRecipients	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.	Bool
	InboxMessagesPerPage	int (4 bytes)	False	The number of messages Unity Inbox displays in a page.	
	InterdigitDelay	int (4 bytes)	False	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.	
	IsClockMode24Hour	smallint (2 bytes)	False	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.	Bool
	IsVmEnrolled	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	JumpToMessagesOn-Login	smallint (2 bytes)	False	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.	Bool
	ListInDirectory	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.	Bool
FK	MediaSwitchObjectId	char (36 characters)	False	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId	ObjectID
	MessageLocator-SortOrder	smallint (2 bytes)	False	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.	Message-SortOrder
	MessageTypeMenu	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.	Bool
	NewMessageSortOrder	smallint (2 bytes)	False	The order in which Cisco Unity Connection will sort new messages.	Message-SortOrder
	NewMessageStack-Order	nvarchar (7 characters)	False	The order in which Cisco Unity Connection plays the following types of "new" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices	Mes-sageStack-Order
	PcaAddressBook-RowsPerPage	int (4 bytes)	False	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.	
	PcaHomePage	lvarchar (256 characters)	True	The Home Page is the first page that is displayed after logging in to the PCA.	
	PromptSpeed	smallint (2 bytes)	False	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.	
	PromptVolume	int (4 bytes)	False	The volume level for playback of system prompts.	Volume
	RecordUnknown-CallerName	smallint (2 bytes)	False	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.	Bool
	RepeatMenu	int (4 bytes)	False	The number of times to repeat a menu in TUI.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	RingPrimaryPhoneFirst	smallint (2 bytes)	False	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.	Bool
	SavedMessage-SortOrder	smallint (2 bytes)	False	The order in which Cisco Unity Connection will sort saved messages.	Message-SortOrder
	SavedMessageStack-Order	nvarchar (7 characters)	False	The order in which Cisco Unity Connection plays the following types of "saved" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices 	Mes-sageStack-Order
	SayAltGreetWarning	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.	Bool
	SayAni	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.	Bool
	SayCopiedNames	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.	Bool
	SayDistributionList	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.	Bool
	SayMsgNumber	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.	Bool
	SaySender	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.	Bool
	SaySenderExtension	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.	Bool
	SayTimestampAfter	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.	Bool

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	SayTimestampBefore	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.	Bool
	SayTotalNew	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.	Bool
	SayTotalNewEmail	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.	Bool
	SayTotalNewFax	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.	Bool
	SayTotalNewVoice	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.	Bool
	SayTotalReceipts	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.	Bool
	SayTotalSaved	smallint (2 bytes)	False	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.	Bool
	SendBroadcastMsg	smallint (2 bytes)	False	A flag indicating whether the subscriber may send broadcast messages.	Bool
	SendConv	smallint (2 bytes)	False	Type of send conversation to use - standard or streamlined.	SendConversationType
	SkipPassword-ForKnownDevice	smallint (2 bytes)	False	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.	Bool
	SpeechComplete-Timeout	int (4 bytes)	False	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	SpeechConfidenceThreshold	int (4 bytes)	False	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.	
	SpeechIncompleteTimeout	int (4 bytes)	False	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the <code>SpeechCompleteTimeout</code> property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long <code>SpeechIncompleteTimeout</code> value delays the result completion and therefore makes the system's response slow. A short <code>SpeechIncompleteTimeout</code> value may lead to the inappropriate break up of an utterance.</p> <p>The <code>SpeechIncompleteTimeout</code> value is usually longer than the <code>completetimeout</code> value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the <code>completetimeout</code> property are only supported if they are less than the <code>incompletetimeout</code> property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>	
	SpeechSensitivity	int (4 bytes)	False	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.	
	SpeechSpeedVsAccuracy	int (4 bytes)	False	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.	
	Speed	smallint (2 bytes)	False	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.	
FK	SynchScheduleObjectId	char (36 characters)	True	The unique identifier of the Schedule object to use for synchronization Calendar information from groupware (such as Exchange).	ObjectID
	TimeLastCall	datetime (8 bytes)	True	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	UpdateBroadcastMsg	smallint (2 bytes)	False	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.	Bool
	UseBriefPrompts	smallint (2 bytes)	False	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.	Bool
	UseVui	smallint (2 bytes)	False	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.	Bool
	VoiceNameRequired	smallint (2 bytes)	False	A flag indicating whether a recorded voice name is required for this subscriber.	Bool
	Volume	int (4 bytes)	False	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.	Volume
	XferString	nvarchar (40 characters)	True	The alternate transfer option extension for the primary call handler for the subscriber.	DtmfAccessId

Table Keys

PK_tbl_UserSubscriber

Property Name	Value
Description:	Uniquely identifies a subscriber object in this table and exclusively represents this subscriber object throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate user with a voice mailbox. A user with a voice mailbox with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_UserSubscriber.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_UserSubscriber.

Table Relationships (Foreign Keys)

tbl_UserSubscriber has the following relationships with other tables:

tbl_UserSubscriber.ObjectId_(0..1)-----^(1..1)tbl_User.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_UserSubscriber_ObjectId_tbl_User_ObjectId
Description:	Each subscriber is a user. Each user may be a subscriber.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_UserSubscriber and tbl_User linked by the foreign key ObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a user that is designated as this user with a voice mailbox or to designate a nonexistent user as this user with a voice mailbox.

tbl_UserSubscriber.CallHandlerObjectId_(0..1)-----^(1..1)tbl_CallHandler.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_UserSubscriber_CallHandlerObjectId_tbl_CallHandler_ObjectId
Description:	Each subscriber must be assigned one call handler - primary call handler. Each call handler may be assigned to one subscriber.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_UserSubscriber and tbl_CallHandler linked by the foreign key CallHandlerObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call handler to which this user with a voice mailbox is assigned or to assign this user with a voice mailbox to a nonexistent call handler.

tbl_UserSubscriber.ConversationTui_(0..*)-----^(1..1)tbl_Conversation.ConversationName

Property Name	Value
Relationship Name:	FK_tbl_UserSubscriber_ConversationTui_tbl_Conversation_ConversationName
Description:	Each subscriber must be assigned one conversation name. Each conversation name may be assigned to one or more subscribers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_UserSubscriber and tbl_Conversation linked by the foreign key ConversationTui.
Cascade On Delete:	Disabled - DELETE fails with an error.

Property Name	Value
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a TUI type conversation to which this user with a voice mailbox is assigned or to assign this user with a voice mailbox to a nonexistent conversation.

tbl_UserSubscriber.ConversationVui (0..*)-----^(0..1) tbl_Conversation.ConversationName

Property Name	Value
Relationship Name:	FK_tbl_UserSubscriber_ConversationVui_tbl_Conversation_ConversationName
Description:	Each subscriber may have a VUI conversation name. Each conversation name may be assigned to one or more subscribers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_UserSubscriber and tbl_Conversation linked by the foreign key ConversationVui.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a VUI type conversation to which this user with a voice mailbox is assigned or to assign this user with a voice mailbox to a nonexistent conversation.

tbl_UserSubscriber.ExitCallActionObjectId (0..*)-----^(1..1) tbl_CallAction.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_UserSubscriber_ExitCallActionObjectId_tbl_CallAction_ObjectId
Description:	Each subscriber must be assigned one call action for when the call exists the conversation. Each call action may be assigned to one or more subscribers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_UserSubscriber and tbl_CallAction linked by the foreign key ExitCallActionObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a call action designated as the exit action for this user with a voice mailbox or to designate a nonexistent call action as the exit action for this user with a voice mailbox.

tbl_UserSubscriber.MediaSwitchObjectId (0..*) ----- (1..1) tbl_MediaSwitch.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_UserSubscriber_MediaSwitchObjectId_tbl_MediaSwitch_ObjectId
Description:	Each subscriber must be serviced by one media switch. Each media switch may service one or more subscribers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_UserSubscriber and tbl_MediaSwitch linked by the foreign key MediaSwitchObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a phone system to which this user with a voice mailbox is assigned or to assign this user with a voice mailbox to a nonexistent phone system.

tbl_UserSubscriber.SynchScheduleObjectId (1..1) ----- (1..1) tbl_Schedule.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_UserSubscriber_SynchScheduleObjectId_tbl_Schedule_ObjectId
Description:	Each subscriber must be assigned to one synch schedule set. Each synch schedule set must be assigned to one subscriber.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_UserSubscriber and tbl_Schedule linked by the foreign key SynchScheduleObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete the schedule to which this user with a voice mailbox is assigned or to assign this user with a voice mailbox to a nonexistent schedule.

Additional relationships with tbl_UserSubscriber are defined in the following tables:

[tbl_CallHandler](#)

[tbl_DtmfAccessId](#)

[tbl_InterviewHandler](#)

[tbl_NotificationDevice](#)
[tbl_NotificationMwi](#)
[tbl_NotificationRule](#)
[tbl_Schedule](#)
[tbl_ScheduleSet](#)
[tbl_SMPPProvider](#)
[tbl_PersonalDestination](#)
[tbl_PersonalDestinationGroup](#)
[tbl_PersonalRule](#)
[tbl_PersonalRuleCaller](#)
[tbl_PersonalRuleSet](#)
[tbl_BroadcastMessage](#)
[tbl_BroadcastMessage](#)
[tbl_BroadcastMessageRecipient](#)

Table Dependencies

The following views and/or stored procedures have dependencies on [tbl_UserSubscriber](#):

Name	Object Type	Description
vw_Subscriber	View	The subscriber view contains all users that have a voice mail subscription. It includes the user information and the associated voice mail information.
vw_Subscriber_List	View	A narrow view of a user with voice mail. This view provides a list of all users who have a voice mail box, which is used by CUSA to provide list of users with voice mail in drop-down lists. It contains only the <code>ObjectId</code> and <code>DisplayName</code> for each user with voice mail.
vw_SubscriberTemplate	View	Provides default values for new voice mail user (subscriber) properties when creating a new voice mail user.
csp_SubscriberCreate	Stored Procedure	Creates a new voice mail user (subscriber).
csp_SubscriberDelete	Stored Procedure	Deletes a voice mail user (subscriber).
csp_SubscriberModify	Stored Procedure	Updates the attributes of a voice mail user (subscriber) based on the values passed in.
csp_SubscriberResetMWI	Stored Procedure	Resets MWI devices for a subscriber (e.g., user with a voice mailbox).
csp_SubscriberTemplateCreate	Stored Procedure	Creates a new Subscriber template, either from scratch or based on an existing template or user, by inserting a new row into <code>tbl_UserSubscriber</code> and <code>tbl_User</code> .
csp_SubscriberTemplateModify	Stored Procedure	Updates the attributes of a Subscriber template based on the values passed in via the parameters. The <code>@ObjectId</code> identifies the Subscriber object in <code>tbl_UserSubscriber</code> that is updated.

Table Triggers

No triggers are specified for tbl_UserSubscriber.

Column Properties

AddressAfterRecord

Property Name	Value
Description:	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.
Notes:	Values: 0: Prompt subscriber to address message before recording. 1: Prompt subscriber to address message after recording.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AddressMode

Property Name	Value
Description:	The default method the subscriber will use to address messages to other subscribers.

Property Name	Value
Notes:	<p>Used by the conversation to determine how the conversation prompts subscribers to address messages to other subscribers.</p> <p>If an organization does not require first and last names be entered for their users, then this column should be set to "address by extension" for all subscribers.</p> <p>Note that subscribers can switch between spelling by name and addressing by extension by pressing ## over the phone, however when using spelling by name, the first and last name order can be set only by an administrator via Cisco Unity Connection Administration or a user via Cisco PCA.</p> <p>Subscribers can address messages over the phone by one of the following method listed below.</p> <p>Values: 0: Address by spelling last name and then first name. 1: Address by extension number. 2: Address by spelling first name and then last name.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	AddressMode
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AnnounceUpcomingMeetings

Property Name	Value
Description:	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.
Notes:	When this is set to 60, the subscriber will be reminded of any upcoming meetings within the next hour. To turn off meeting reminders, set this to 0.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	60
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	525600

AssistantRowsPerPage

Property Name	Value
Description:	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	99

CallAnswerTimeout

Property Name	Value
Description:	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.

Property Name	Value
Notes:	This applies only to subscribers with the personal call routing rules feature enabled. The CFNA setting of the phone are still in effect.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	60

CallHandlerObjectID

Property Name	Value
Description:	The unique identifier of the primary CallHandler object for the subscriber.
Notes:	The call handler determines how calls to the subscriber mailbox are handled, which greeting is played, and what options callers are given during after the greetings.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClockMode

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Notes:	Values: 0: The time format (12 or 24-hour) based on the 'system' setting. 1: Message timestamps are played to the subscriber using a 12-hour clock. For example, subscribers hear 1:00 PM when listening to a timestamp for a message left at 1:00 PM. 2: Message timestamps are played to the subscriber using a 24-hour clock. For example, subscribers hear 13:00 when listening to a timestamp for a message left at 1:00 PM.
Business Rules:	
Developer Notes:	Deprecating this - use IsClockMode24Hour instead
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	ClockMode
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConfirmationConfidenceThreshold

Property Name	Value
Description:	Voice Recognition Confirmation Confidence Threshold
Notes:	Specifies the confidence level at which the voice recognition conversation will bypass requesting confirmation from the user. For example, if the threshold value is set so that confirmations will be requested when the confidence level is low, an unclear "delete" from the user will result in the user hearing "are you sure you want to delete?" Increasing the threshold value results in more frequent confirmation requests. Set the value to 0 (zero) to never request confirmation; set to 100 to always request confirmation.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	60
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

ConfirmDeleteDeletedMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.

Property Name	Value
Notes:	<p>To delete a deleted message, the subscriber must belong to a class of service that allows them to retain and review deleted messages.</p> <p>Values: 0: Cisco Unity Connection will proceed with a deletion of a single deleted message without requesting confirmation from a subscriber. 1: Cisco Unity Connection will request confirmation from subscribers before proceeding with a deletion of a single deleted message.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConfirmDeleteMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Notes:	<p>Values: 0: Cisco Unity Connection will not request confirmation from a subscriber before proceeding with a deletion of a single new or saved message. 1: Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConfirmDeleteMultipleMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.
Notes:	<p>Values:</p> <p>0: Cisco Unity Connection does not prompt the subscriber to choose, and instead permanently deletes the type of messages you specify: either deleted voice messages or all deleted messages (voice, fax, and e-mail, as applicable).</p> <p>1: Cisco Unity Connection allows the subscriber to choose which messages they want to delete; subscriber can either delete their deleted voice messages or delete all of their deleted messages.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConversationTui

Property Name	Value
Description:	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Notes:	

Property Name	Value
Business Rules:	The default value is the standard Unity TUI subscriber conversation - SubMenu.
Developer Notes:	In the Unity 4.x SA and product documentation, this column is referred to as "Conversation Style." If the column is NULL, then the standard Unity TUI conversation is assumed to be the default.
Occurrences In Views:	vw_Subscriber , vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	True
Default Value:	SubMenu
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ConversationVui

Property Name	Value
Description:	The VUI conversation assigned to the subscriber.
Notes:	The "UseVui" column is the flag indicating whether the subscriber is using a Vui or Tui conversation.
Business Rules:	The default value is the VuiStart conversation.
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	True
Default Value:	VuiStart
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DelayAfterGreeting

Property Name	Value
Description:	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Notes:	NULL indicates to use system setting for this.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50000

DeletedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Notes:	Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	2
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

EnableMessageLocator

Property Name	Value
Description:	A flag indicating whether the message locator feature is enabled for the subscriber.
Notes:	Values: 0: Message locator feature is disabled for subscriber 1: Message locator feature is enabled for subscriber
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnablePersonalRules

Property Name	Value
Description:	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.
Notes:	Defaults to 1 (true) so that it is enabled by default, if it is enabled in COS. Values: 0: Call routing rules disabled for subscriber 1: Call routing rules enabled for subscriber
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableTts

Property Name	Value
Description:	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Notes:	Defaults to 1 (true) so that it is enabled by default, if it is enabled in COS. Values: 0: TTS is disabled for the subscriber 1: TTS is enabled for the subscriber
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableVisualMessageLocator

Property Name	Value
Description:	A flag indicating whether the visual message locator feature is enabled for the subscriber.

Property Name	Value
Notes:	The visual message locator feature presents a list of messages on the subscriber's IP phone display for the subscriber to select from visually.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnAltGreetDontRingPhone

Property Name	Value
Description:	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.
Notes:	<p>Values:</p> <p>0: Ring the phone.</p> <p>1: Send the caller to the alternate greeting.</p> <p>This setting overrides the subscriber setting to ring the phone.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

EnAltGreetPreventMsg

Property Name	Value
Description:	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.
Notes:	Values: 0: If alternate greeting is active, callers can leave a message for the subscriber 1: If alternate greeting is active, callers cannot leave a message for the subscriber
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnAltGreetPreventSkip

Property Name	Value
Description:	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Notes:	Values: 0: If alternate greeting is active, callers cannot skip the greeting 1: If alternate greeting is active, callers can skip the greeting
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EncryptPrivateMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Notes:	<p>Values: 0: Do not encrypt private messages. 1: Encrypt private messages.</p> <p>This column only applies to messages marked private.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ExitCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.

Property Name	Value
Notes:	The default value for this column should be the object id of the call action associated with sending the call to the "Opening Greeting" call handler.
Business Rules:	
Developer Notes:	This one column replaces the ExitAction, ExitObjectId and ExitObjectType columns that were in the SubscriberTemplate table prior to Unity 5.x.
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstDigitTimeout

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	5000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	500
Validation - Maximum Value:	10000

ForcedAuthorizationCode

Property Name	Value
Description:	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Notes:	This applies only to subscribers with the personal call routing rules feature enabled.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ForcedAuthorizationCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

GreetByName

Property Name	Value
Description:	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Notes:	Values: 0: Do not play the name. 1: Play the recorded voice name.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

InboxAutoRefresh

Property Name	Value
Description:	The rate (in minutes) at which Unity Inbox performs a refresh.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	15
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	999

InboxAutoResolveMessageRecipients

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.

Property Name	Value
Notes:	<p>AutoResolve maps a recipient address entered in the To, Cc or Bcc fields, in any of the below supported addressing formats, to a subscriber or distribution list or private list, without requiring the intervention of the user.</p> <ul style="list-style-type: none"> * Subscriber Alias (Example: hsimpson) * Subscriber DisplayName (Example: Homer Simpson) * Subscriber LastName, FirstName (Example: Simpson, Homer) * Subscriber LastName FirstName (Example: Simpson Homer) * Subscriber FirstName, LastName (Example: Homer, Simpson) * Subscriber FirstName LastName (Example: Homer Simpson) * Subscriber Extension (Example: 46637) * DistributionList DisplayName (Example: All Subscribers - UNITY1) * DistributionList Alias (Example: allsubscribers) * DistributionList Extension (Example: 99991) * PrivateList DisplayName (Example: Unity Clients Team) * BlindAddress (Example: VPIM:101_59181, somebody@somedomain.com) <p>If AutoResolve is disabled, the user will always be prompted to resolve recipient addresses.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

InboxMessagesPerPage

Property Name	Value
Description:	The number of messages Unity Inbox displays in a page.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	20
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	99

InterdigitDelay

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	3000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1000
Validation - Maximum Value:	10000

IsClockMode24Hour

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.

Property Name	Value
Notes:	<p>Possible Values:</p> <p>0: 12-Hour clock - The subscriber hears message timestamps in the time format of a 12-hour clock. For example, a subscriber will hear 1:00 PM when listening to the timestamp of a message left at 1:00 PM.</p> <p>1: 24-Hour clock - The subscriber hears message timestamps in the time format of a 24-hour clock. For example, a subscriber will hear 13:00 when listening to the timestamp of a message left at 1:00 PM.</p>
Business Rules:	
Developer Notes:	Previously this column contained three possible values, 12 hour, 24 hour, and a third value that signified use the system default setting. In Cisco Unity Connection, the "use system default setting" has been dropped. The 12/24 hour clock must be set for each user.
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsVmEnrolled

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.
Notes:	<p>Values:</p> <p>0: The enrollment conversation is not played for the subscriber when they login</p> <p>1: The enrollment conversation is played for the subscriber when they login</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber , vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

JumpToMessagesOnLogin

Property Name	Value
Description:	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.
Notes:	<p>Subscribers will not hear message counts, their own name, top level menus, etc when this setting is active.</p> <p>Values: 0: Subscriber conversation does not jump directly to first message in the message stack after subscriber sign-in. 1: Subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.

Property Name	Value
Notes:	<p>If the user is listed in the phone directory AND has a recorded voice name, outside callers can find this user by spelling their name when using a directory handler (NameLookupHandler). This value has no effect on other users addressing this user by name.</p> <p>Values: 0: Do not list the subscriber in the phone directory. 1: List the subscriber in the phone directory.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	<p>The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration.</p> <p>FK to tbl_MediaSwitchObjectId</p>
Notes:	Note that for transfers, the MediaSwitchObjectId for this subscriber is stored in tbl_TransferOption and is associated with their primary call handler. For message notification, the MediaSwitchObjectId is stored in tbl_NotificationDevices.
Business Rules:	
Developer Notes:	\$\$MIGRATION: tbl_Subscriber.SwitchId
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MessageLocatorSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Notes:	Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MessageTypeMenu

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.

Property Name	Value
Notes:	<p>The "message type" menu that subscribers will hear is "Press 1 to hear voice messages. Press 2 to hear e-mails. Press 3 to hear faxes. Press 4 to hear receipts."</p> <p>Note that although the e-mail and fax options are available in the Message Type Menu, Cisco Unity Connection plays e-mails and faxes only when the subscriber is assigned to a class of service that has the Text to Speech (TTS) and FaxMail features enabled. With fax messages, Cisco Unity Connection plays only message properties (for example, the sender, date, and time).</p> <p>Values: 0: Do not play message type menu 1: Play message type menu</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NewMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort new messages.
Notes:	<p>Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NewMessageStackOrder

Property Name	Value
Description:	<p>The order in which Cisco Unity Connection plays the following types of "new" messages:</p> <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	<p>This column consists of a sequence of seven digits with each digit representing a specific message type.</p> <p>For example, 1352467 indicates that new messages are played in the following order: Urgent voice first, then urgent fax, urgent e-mail followed by non-urgent voice, non-urgent fax, non-urgent e-mail messages, and then lastly receipts and notices.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1234567
Custom Type:	MessageStackOrder
SQL Data Type/Length:	nvarchar (7 characters)
Validation - Expression:	[1-7]{7}
Validation - Description:	A string of seven digits consisting of digits 1-7.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	7 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a UserSubscriber object.
Notes:	This column is both the unique identifier for this table as well a reference to the ObjectID of the user to which it is associated.
Business Rules:	The value of this column is the same as the ObjectID of the user to which this object is associated.
Developer Notes:	
Occurrences In Views:	vw_Subscriber_List
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PcaAddressBookRowsPerPage

Property Name	Value
Description:	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1

Property Name	Value
Validation - Maximum Value:	99

PcaHomePage

Property Name	Value
Description:	The Home Page is the first page that is displayed after logging in to the PCA.
Notes:	In 4.05 and earlier versions, the home page is fixed. This setting allows users the flexibility to choose their home page. For example, a user may want to be taken directly to Unity Inbox after logging in, instead of the default home page that simply lists all the available applications in the PCA.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PromptSpeed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Notes:	A value between 0 and 200 is allowed. Normal speed, the speed at which messages are recorded is a value of 100. Twice as fast as normal speed is a value of 200. Half as fast as normal speed is a value of 50.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	100
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	200

PromptVolume

Property Name	Value
Description:	The volume level for playback of system prompts.
Notes:	A value of NULL indicates to use system setting instead.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	Volume
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RecordUnknownCallerName

Property Name	Value
Description:	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.
Notes:	This applies only to subscribers with the personal call routing rules feature enabled.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RepeatMenu

Property Name	Value
Description:	The number of times to repeat a menu in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

RingPrimaryPhoneFirst

Property Name	Value
Description:	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.

Property Name	Value
Notes:	This applies only to subscribers with the personal call routing rules feature enabled.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SavedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort saved messages.
Notes:	Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	2
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SavedMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "saved" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	This column consists of a sequence of seven digits with each digit representing a specific message type. For example, 1352467 indicates that saved messages are played in the following order: Urgent voice first, then urgent fax, urgent e-mail followed by non-urgent voice, non-urgent fax, non-urgent e-mail messages, and then lastly receipts and notices.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1234567
Custom Type:	MessageStackOrder
SQL Data Type/Length:	nvarchar (7 characters)
Validation - Expression:	[1-7]{7}
Validation - Description:	A string of seven digits consisting of digits 1-7.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	7 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SayAltGreetWarning

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.
Notes:	Values: 0: Do not notify the subscriber that their alternate greeting is turned on 1- Notify the subscriber when they login if their alternate greeting is turned on
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayAni

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.
Notes:	<p>Note that the phone system must send Cisco Unity Connection the ANI information. If Cisco Unity Connection is connected to a phone system that does not provide ANI information, even though this setting is enabled (1), there will be no change to the conversation i.e., as if the setting is disabled.</p> <p>Values: 0: ANI information is not played. 1: ANI information is played to the user.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayCopiedNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.
Notes:	Values: 0: Do not announce copied names. 1: Announce copied names.
Business Rules:	
Developer Notes:	It may be implemented in the future. This is intended to provide a way for subscribers to hear which other subscribers were CC'd on a particular message, if they choose.
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayDistributionList

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Notes:	Values: 0: Do not announce the distribution list. 1: Announce the distribution list.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayMsgNumber

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.
Notes:	Values: 0: Do not play the message number. 1: Play the message number.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SaySender

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Notes:	Values: 0: Do not announce the sender. 1: Announce the sender.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SaySenderExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Notes:	Values: 0: Do not play the extension information of the subscriber who sent the message. 1- After playing the sender's voice name, play the primary extension information of the subscriber who sent the message.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTimestampAfter

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Notes:	Values: 0: Do not announce the timestamp after each message is played. 1: Announce the timestamp after each message is played.
Business Rules:	Both the SayTimestampAfter and the SayTimestampBefore can be set to 1. However, this would be annoying to the subscriber. Both can also be disabled, resulting in no timestamp being played during message playback for a subscriber.
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTimestampBefore

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Notes:	Values: 0: Do not announce the timestamp before each message is played. 1: Announce the timestamp before each message is played.
Business Rules:	Both the SayTimestampAfter and the SayTimestampBefore can be set to 1. However, this would be annoying to the subscriber. Both can also be disabled, resulting in no timestamp being played during message playback for a subscriber.
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNew

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.
Notes:	<p>This number includes all voice, email, fax and receipt messages as applicable (depending on the subscriber COS settings).</p> <p>Values:</p> <p>0: Do not announce total number of new messages.</p> <p>1: Announce the total number of new messages in the subscriber mailbox.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNewEmail

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.

Property Name	Value
Notes:	Applies only if TTS is installed and the subscriber's COS allows for it. Values: 0: Do not announce total number of new e-mail messages. 1: Announce the total number of new e-mail messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNewFax

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Notes:	Applies only if fax mail is enabled in the subscriber's COS. Values: 0: Do not announce total number of new fax messages. 1: Announce the total number of new fax messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	Not in Cisco Unity Connection. Integration with 3rd-party fax applications is not supported in Cisco Unity Connection.
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNewVoice

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.
Notes:	Values: 0: Do not announce total number of new voice messages. 1: Announce the total number of new voice messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalReceipts

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.
Notes:	Values: 0: Do not announce total number of new receipts. 1: Announce the total number of new receipts in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalSaved

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Notes:	Includes all message types allowed by the subscriber COS that are marked as read in their mailbox. Values: 0: Do not announce total number of saved messages. 1: Announce the total number of saved messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber may send broadcast messages.
Notes:	Values: 0: Cannot send broadcast messages. 1: Can send broadcast messages.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendConv

Property Name	Value
Description:	Type of send conversation to use - standard or streamlined.
Notes:	Values: 0: Standard 1: Streamlined
Business Rules:	
Developer Notes:	ekostenb - changed default to StreamLined per CSCsh55132
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	SendConverationType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkipPasswordForKnownDevice

Property Name	Value
Description:	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.
Notes:	A "known device" is a phone number that is listed in tbl_DtmfAccessId or tbl_PhoneNumber. Values: 0: Subscriber will not be asked for their PIN when calling in from a known device. 1: Subscriber will be asked for their PIN when calling in from a known device.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SpeechCompleteTimeout

Property Name	Value
Description:	Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar. A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.
Notes:	VUI accessibility setting.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	300
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50000

SpeechConfidenceThreshold

Property Name	Value
Description:	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	45
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

SpeechIncompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	VUI accessibility setting.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	750
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	300
Validation - Maximum Value:	10000

SpeechSensitivity

Property Name	Value
Description:	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

SpeechSpeedVsAccuracy

Property Name	Value
Description:	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

Speed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.

Property Name	Value
Notes:	A value between 0 and 200 is allowed. Normal speed, the speed at which messages are recorded is a value of 100. Twice as fast as normal speed is a value of 200. Half as fast as normal speed is a value of 50.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	100
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	200

SynchScheduleObjectId

Property Name	Value
Description:	The unique identifier of the Schedule object to use for synchronization Calendar information from groupware (such as Exchange).
Notes:	Created for each subscriber at creation time. We allow NULL though, because we must create the schedule after the subscriber is created.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

TimeLastCall

Property Name	Value
Description:	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_Subscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UpdateBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	Values: 0: Cannot update broadcast messages. 1: Can update broadcast messages.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseBriefPrompts

Property Name	Value
Description:	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Notes:	Typically, as subscribers become more experienced with the system, they switch from full to brief menus to speed up the conversation. Values: 0: Turns brief menus off (full phone menus on). 1: Turns brief menus on.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseVui

Property Name	Value
Description:	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.

Property Name	Value
Notes:	<p>Values:</p> <p>0: Speech recognition conversation is not default conversation for the subscriber.</p> <p>1: Speech recognition conversation is the default conversation for the subscriber.</p> <p>This is different from the VUI class of service which indicates that the subscriber is allowed to use the VUI conversation.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceNameRequired

Property Name	Value
Description:	A flag indicating whether a recorded voice name is required for this subscriber.
Notes:	<p>Set to true (1) to force subscriber to record a voice name.</p> <p>Values:</p> <p>0: Recorded voice name not required.</p> <p>1: Recorded voice name is required. Subscriber required to record a voice name at next login.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Volume

Property Name	Value
Description:	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.
Notes:	<p>A value between 0 and 100 is allowed.</p> <p>Normal volume, the volume used to record a message is a value of 50. Twice as loud is a value of 100. Half as loud as normal volume is a value of 25.</p> <p>Note that the value is only used for message play back, not for other parts of the conversation.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate , vw_Subscriber
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	Volume
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

XferString

Property Name	Value
Description:	The alternate transfer option extension for the primary call handler for the subscriber.

Property Name	Value
Notes:	<p>Because the primary call handler is not replicated, the transfer string is stored in the subscriber record so that the alpha directory can access it to do searches on other VMS servers in the same dialing domain and for auto attendant transfers.</p> <p>Subscribers only use the alternate contact rule so it's only necessary to access that transfer rule's extension.</p>
Business Rules:	
Developer Notes:	Not required for Cisco Unity Connection since it only supports a single VMS.
Occurrences In Views:	vw_Subscriber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.@,;\+\\ \%\'?\'()\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.106. tbl_UserTemplate

A template for a portion of a User object properties. When used together with the columns from a tbl_User object that is designated as a template (tbl_User->IsTemplate = True), forms a set of default properties for a new user; when added, the new user inherits these properties.

Additional Information

The template also contains rules for generating names for users such as display names. A user template does not contain those properties that are unique to a user or that cannot be assigned en mass (user name attributes and credential, for example).

Basing new user accounts on a template minimizes the number of settings that must be modified on individual user accounts, making the job of creating users easier. It is important to note that changes to settings in a template do not affect any existing user accounts that were based on that template. Once you create users, you cannot use a template to modify them.

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for this UserTemplate object.	ObjectId
	CantChange	smallint (2 bytes)	False	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).	Bool
	DisplayNameRule	smallint (2 bytes)	False	The format for generating the user display name.	Display-NameRule
	DoesntExpire	smallint (2 bytes)	False	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).	Bool
FK	MailboxStoreObjectId	char (36 characters)	True	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.	ObjectId
FK	MessageAgingPolicy-ObjectId	char (36 characters)	True	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.	ObjectId
	NotificationType	smallint (2 bytes)	False	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.	Notification-Type
	ReceiveQuota	int (4 bytes)	False	The mailbox size (in bytes) receive limit.	
	SendQuota	int (4 bytes)	False	The mailbox size (in bytes) send limit.	

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
	SendReadReceipts	smallint (2 bytes)	False	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.	
	WarningQuota	int (4 bytes)	False	The mailbox size (in bytes) warning limit.	

Table Keys

PK_tbl_UserTemplate

Property Name	Value
Description:	Uniquely identifies a user template in this table and exclusively represents this user template throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate user template. A user template with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_UserTemplate.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_UserTemplate.

Table Relationships (Foreign Keys)

tbl_UserTemplate has the following relationships with other tables:

tbl_UserTemplate.MailboxStoreObjectId (0..*)-----^(0..1) tbl_MailboxStoreMap.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_UserTemplate_MailboxStoreObjectId_tbl_MailboxStoreMap_ObjectId
Description:	Each user template may have one mailbox store defined for new users created with this template. Each mailbox store may be assigned to one or more user templates.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_UserTemplate and tbl_MailboxStoreMap linked by the foreign key MailboxStoreObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a mailbox store to which this user template is assigned or to assign this user template to a nonexistent mailbox store.

tbl_UserTemplate.MessageAgingPolicyObjectId (0..*) ----- (0..1) tbl_MessageAgingPolicy.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_UserTemplate_MessageAgingPolicyObjectId_tbl_MessageAgingPolicy_ObjectId
Description:	Each user template may have one message aging policy defined for new users created with this template. Each message aging policy may be assigned to one or more user templates.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_UserTemplate and tbl_MessageAgingPolicy linked by the foreign key MessageAgingPolicyObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a message aging policy to which this user template is assigned or to assign this user template to a nonexistent message aging policy.

Additional relationships with tbl_UserTemplate are defined in the following tables:

[tbl_Agency](#)

[tbl_Agency](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_UserTemplate:

Name	Object Type	Description
vw_SubscriberTemplate	View	Provides default values for new voice mail user (subscriber) properties when creating a new voice mail user.
vw_UserTemplate	View	Provides the default values for user properties when creating new users. User properties include the account data and contact information of persons who have an account on the system. A person must have a user account on the system in order to logon and gain access system services such as a subscription to a voice mailbox.
csp_SubscriberCreate	Stored Procedure	Creates a new voice mail user (subscriber).

Name	Object Type	Description
csp_SubscriberTemplateCreate	Stored Procedure	Creates a new Subscriber template, either from scratch or based on an existing template or user, by inserting a new row into tbl_UserSubscriber and tbl_User.
csp_SubscriberTemplateModify	Stored Procedure	Updates the attributes of a Subscriber template based on the values passed in via the parameters. The @ObjectId identifies the Subscriber object in tbl_UserSubscriber that is updated.
csp_UserCreate	Stored Procedure	Creates a new User account from a user template by inserting a new row into tbl_User.
csp_UserTemplateCreate	Stored Procedure	Creates a new User template by inserting a new row into tbl_User and tbl_UserTemplate.
csp_UserTemplateDelete	Stored Procedure	Deletes a User template from tbl_User and tbl_UserTemplate as specified by the @ObjectId parameter.
csp_UserTemplateModify	Stored Procedure	Updates the attributes of a User template based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User and tbl_UserTemplate that is updated.

Table Triggers

No triggers are specified for tbl_UserTemplate.

Column Properties

CantChange

Property Name	Value
Description:	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).
Notes:	<p>Most organizations normally want to allow users to change their credentials. However, there are cases where this may not be desired. For example, in a scenario when more than one user has access to the same account; an administrator can set the credential, inform the users of the value of the credential, and not allow the users to change it.</p> <p>Values: 0: User is allowed to change their credential 1: User cannot change their credential</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserTemplate , vw_SubscriberTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayNameRule

Property Name	Value
Description:	The format for generating the user display name.
Notes:	<p>If an organization uses a format other than those listed, one of these options must be used anyway, then manually adjust the display name in each user account.</p> <p>For Japanese, a value of 2 must be used.</p> <p>Values: 1: First name, then last name. 2: Last name, then first name.</p>
Business Rules:	<p>The rule for automatically generating the display name uses the user "FirstName" and "LastName" columns.</p> <p>If neither the user firstname or lastname columns are populated, the display name shall be composed using the user "Alias" column.</p>
Developer Notes:	
Occurrences In Views:	vw_UserTemplate , vw_SubscriberTemplate
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	DisplayNameRule
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DoesntExpire

Property Name	Value
Description:	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).
Notes:	<p>The scope of this setting is per credential. It enables an administrator to disable credential expiration on a per credential/user basis while maintaining a credential expiration policy for all users on the system. See tbl_Credential->DoesntExpire for more information.</p> <p>Values: 0: The user credential will automatically expire. The expiration of the credential is controlled by the value of the column tbl_CredentialPolicy->MaxDays. 1: The user credential will not automatically expire.</p>
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserTemplate , vw_SubscriberTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserTemplate , vw_SubscriberTemplate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MessageAgingPolicyObjectId

Property Name	Value
Description:	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_UserTemplate , vw_SubscriberTemplate
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NotificationType

Property Name	Value
Description:	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Notes:	Values: 0: Classical - marking a message unread, read and back to unread will turn the notification (mwi) on, off and back on. 1: Modern - once a message has been touched (read) then it will not trigger notifications each time the message is marked unread and read again.
Business Rules:	
Developer Notes:	

Property Name	Value
Occurrences In Views:	vw_SubscriberTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	NotificationType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for this UserTemplate object.
Notes:	The value of this column is the same as that of the tbl_User->ObjectId column of the associated user record.
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReceiveQuota

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	Values: -2: The default system quota is assigned. -1: The quota is unlimited. 1- n : Limit in bytes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate
Primary Key:	False
Allow Null:	False
Default Value:	-2
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendQuota

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	Values: -2: The default system quota is assigned. -1: The quota is unlimited. 1- n : Limit in bytes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate
Primary Key:	False
Allow Null:	False
Default Value:	-2
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

SendReadReceipts

Property Name	Value
Description:	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WarningQuota

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	Values: -2: The default system quota is assigned. -1: The quota is unlimited. 1- n : Limit in bytes.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_SubscriberTemplate
Primary Key:	False
Allow Null:	False
Default Value:	-2

Property Name	Value
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.107. tbl_VMSServer

A collection of components running on one or more servers acting as one virtual voice messaging system. Contains the information for each server in the Virtual Messaging System (VMS) that the SRM needs to manage the servers in the VMS.

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID
	IpAddress	varchar (40 characters)	True	The IP address of the server.	IPAddress
	MaximumTelephony-Ports	smallint (2 bytes)	False	Maximum allowed telephony ports in system.	
	Name	nvarchar (64 characters)	False	The name of the server.	
	TotalRTPWaveDevices	smallint (2 bytes)	False	The total number of Wave devices exposed by the avaudio.sys device driver on this VMSServer.	
	TotalSkinnyTSP-Devices	smallint (2 bytes)	False	The total number of SCCP TSP devices exposed by the CCM SCCP TSP on this VMSServer.	
FK	VmsTemplateObjectId	char (36 characters)	False	The unique identifier of the VMSTemplate object that defines the roles that run on this server.	ObjectID

Table Keys

CK_tbl_VMSServer_Name

Property Name	Value
Description:	Uniquely identifies the name of a VMS server in tbl_VMSServer.
Type:	Candidate
Column(s):	Name
Clustered?	False
Constraint Error String:	Duplicate VMS Server name.

PK_tbl_VMSServer

Property Name	Value
Description:	Uniquely identifies a server in this table and exclusively represents this server throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate VMS server. A VMS server with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_VMSServer.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_VMSServer.

Table Relationships (Foreign Keys)

tbl_VMSServer has the following relationships with other tables:

tbl_VMSServer.VmsTemplateObjectId (0..*)-----^(1..1)tbl_VMSTemplate.ObjectId

Property Name	Value
Relationship Name:	FK_tbl_VMSServer_VmsTemplateObjectId_tbl_VMSTemplate_ObjectId
Description:	Each VMS server must be assigned one VMS template that defines the roles that run on the server. Each VMS template may be assigned to one or more VMS servers.
Foreign Key:	True
FK Constraint:	Enabled - SQL will enforce referential integrity between the table tbl_VMSServer and tbl_VMSTemplate linked by the foreign key VmsTemplateObjectId.
Cascade On Delete:	Disabled - DELETE fails with an error.
Cascade On Update:	Disabled - UPDATE fails with an error.
Notes:	
Business Rules:	
Developer Notes:	
Constraint Error String:	An attempt was made to either delete a VMS template to which this VMS server is assigned or to assign this VMS server to a nonexistent VMS template

Additional relationships with tbl_VMSServer are defined in the following tables:

[tbl_MediaPort](#)

[tbl_IPPortReservation](#)

tbl_MediaPortGroupIPPort

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_VMSServer:

Name	Object Type	Description
vw_chk_MediaPort_PortsDeleted	View	A check for deleted ports that are still running in a role. Shows the telephony ports that have been deleted from the Cisco Unity Connection configuration but are still running inside the Voice Processing role.
vw_chk_MediaPort_PortsNeedRestart	View	A check for media ports that need to be restarted. Shows the telephony ports that have been reconfigured in such a way that the ports need to be restarted for the changes to take effect.
vw_chk_MediaPort_PortsNeverStarted	View	A check for media ports that have never been started. Shows the telephony ports that have been added to the Cisco Unity Connection configuration but are not yet running.
vw_chk_MediaPort_SIPSendPortOutOfRange	View	A collection of components running on one or more servers acting as one virtual voice messaging system. Contains the information for each server in the Virtual Messaging System (VMS) that the SRM needs to manage the servers in the VMS.
vw_chk_MediaPort_VmsServerVPRoleRequiresRestart	View	A check for a voice processing role that needs to be restarted. Shows the VMS servers where the Voice Processing role needs to be restarted to cause telephony configuration changes to take effect.
vw_chk_MediaPortGroup_NoUnitySIPPort	View	A check for media port groups without a defined Unity SIP port. Shows the telephony ports having no Unity SIP port specified.
vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange	View	A check for out of range SIP ports. Shows the Unity SIP ports falling outside the range configured for SIP.
vw_MediaPort_UsingMediaPortGroupIPPort	View	Shows IP ports on the Cisco Unity Connection server reserved for use by telephony ports.
vw_MediaPort_VmsServerVPRoleRequiresRestart	View	A check for a voice processing role that needs to be restarted. Shows the VMS servers where the Voice Processing role needs to be restarted to cause telephony configuration changes to take effect.
vw_MediaPortGroup_PortCountOnVmsServer	View	Shows the number of telephony ports by port group on a VMS server.
vw_VMSServer	View	Contains the information for each server in the Virtual Messaging System (VMS) that the SRM needs to manage the servers in the VMS. A VMS is a collection of components running on one or more servers acting as one virtual voice messaging system.
csp_VMSServerCreate	Stored Procedure	Creates a new VMSServer object by inserting a new row into tbl_VMSServer. A VMSServer object consists of the information for each server in the Virtual Messaging System (VMS) that the SRM needs to manage the servers in the VMS.
csp_VMSServerDelete	Stored Procedure	Deletes a VMSServer object from tbl_VMSServer as specified by the @ObjectId parameter.
csp_VMSServerModify	Stored Procedure	Updates the attributes of a VMSServer object based on the values passed in via the parameters. The @ObjectId parameter identifies the VMSServer object that is updated.

Table Triggers

No triggers are specified for tbl_VMSServer.

Column Properties

IpAddress

Property Name	Value
Description:	The IP address of the server.
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	In Kubrick, the validation rule attempted to support both IPv46 and IPv6, but it had some flaws. For example it did not support having an IPv4 address embedded in an IPv6 address. For reference, here's the old regular expression. <code>(^[0-9]{1,3})\.([0-9]{1,3})\.([0-9]{1,3})\.([0-9]{1,3})) ([A-Fa-f0-9]{1,4}::){7}[A-Fa-f0-9]{1,4} [A-Fa-f0-9]{1,4}::([A-Fa-f0-9]{1,4}::){0,5}[A-Fa-f0-9]{1,4} </code>
Occurrences In Views:	vw_VMSServer
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	IPAddress
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	<code>^0*([1-9]?[d1\d\d2[0-4]\d25[0-5])\.0*([1-9]?[d1\d\d2[0-4]\d25[0-5])\.0*([1-9]?[d1\d\d2[0-4]\d25[0-5])\.0*([1-9]?[d1\d\d2[0-4]\d25[0-5])\$</code>
Validation - Description:	IPv4 Address= X.X.X.X where X=0..255. Allows the use of leading zeros. For example, 019.021.055.001
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaximumTelephonyPorts

Property Name	Value
Description:	Maximum allowed telephony ports in system.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_VMSServer

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	144
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1024

Name

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Occurrences In Views:	vw_MediaPort_UsingMediaPortGroupIPPort , vw_VMSServer , vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange , vw_chk_MediaPort_SIPSendPortOutOfRange , vw_MediaPortGroup_PortCountOnVmsServer , vw_chk_MediaPort_PortsDeleted , vw_chk_MediaPort_PortsNeedRestart , vw_chk_MediaPort_PortsNeverStarted , vw_MediaPort_VmsServerVPRoleRequiresRestart , vw_chk_MediaPort_VmsServerVPRoleRequiresRestart , vw_chk_MediaPortGroup_NoUnitySIPPort
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9_-]*\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_VMSServer , vw_VMSServer , vw_MediaPortGroup_PortCountOnVmsServer , vw_chk_MediaPort_PortsDeleted , vw_chk_MediaPort_PortsNeedRestart , vw_chk_MediaPort_PortsNeverStarted , vw_MediaPort_VmsServerVPRoleRequiresRestart , vw_chk_MediaPort_VmsServerVPRoleRequiresRestart , vw_chk_MediaPortGroup_NoUnitySIPPort , vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange , vw_chk_MediaPort_SIPSendPortOutOfRange
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TotalRTPWaveDevices

Property Name	Value
Description:	The total number of Wave devices exposed by the avaudio.sys device driver on this VMSServer.
Notes:	Avaudio.sys implements the Realtime Transport Protocol (RTP).
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	144
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1024

TotalSkinnyTSPDevices

Property Name	Value
Description:	The total number of SCCP TSP devices exposed by the CCM SCCP TSP on this VMSServer.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	False
Default Value:	144
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1024

VmsTemplateObjectId

Property Name	Value
Description:	The unique identifier of the VMSTemplate object that defines the roles that run on this server.
Notes:	See tbl_VMSTemplate for details.
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_VMSServer
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

3.108. tbl_VMSTemplate

A predefined set of roles in a tested VMS configuration. Templates assign roles on servers based upon supported, approved configurations.

Additional Information

This table contains both predefined templates that are shipped "out of the box" and customized templates created by the customer.

Table Business Rules

For K1 VMS templates cannot be created by users. This table is read-only after initial configuration. Later in K2, users will be allowed to create custom templates.

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a VMSTemplate object.	ObjectID
	LocalizationKey	varchar (192 characters)	True	The key to the localized name of the VMS template.	
	Name	nvarchar (64 characters)	False	The non-localized display name of the VMS template.	
	SystemTemplate	smallint (2 bytes)	False	A flag indicating whether the template is a read-only, factory created, system template.	Bool

Table Keys

CK_tbl_VMSTemplate_Name

Property Name	Value
Description:	Uniquely identifies the name of a VMS template in tbl_VMSTemplate.
Type:	Candidate
Column(s):	Name
Clustered?	False
Constraint Error String:	Duplicate VMS template name.

PK_tbl_VMSTemplate

Property Name	Value
Description:	Uniquely identifies a VMS template in this table and exclusively represents this VMS template throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate VMS template. A VMS template with that unique identifier already exists.

Table Indexes

No indexes are specified for tbl_VMSTemplate.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for tbl_VMSTemplate.

Table Relationships (Foreign Keys)

tbl_VMSTemplate has no relationships specified with other tables.

Additional relationships with tbl_VMSTemplate are defined in the following tables:

[tbl_VMSServer](#)

Table Dependencies

The following views and/or stored procedures have dependencies on tbl_VMSTemplate:

Name	Object Type	Description
vw_VMSServer	View	Contains the information for each server in the Virtual Messaging System (VMS) that the SRM needs to manage the servers in the VMS. A VMS is a collection of components running on one or more servers acting as one virtual voice messaging system.
vw_VMSTemplate	View	Contains templates for configuring the VMS. A template is a predefined set of roles in a tested VMS configuration. Templates assign roles on servers based upon supported, approved configurations. This view contains both predefined templates that are shipped "out of the box" and customized templates created by the customer.
vw_VMSTemplateDisplay	View	Contains templates for configuring the VMS. A template is a predefined set of roles in a tested VMS configuration. Templates assign roles on servers based upon supported, approved configurations. This view contains both predefined templates that are shipped "out of the box" and customized templates created by the customer.

Table Triggers

No triggers are specified for tbl_VMSTemplate.

Column Properties

LocalizationKey

Property Name	Value
Description:	The key to the localized name of the VMS template.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (192 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	192 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Name

Property Name	Value
Description:	The non-localized display name of the VMS template.
Notes:	
Business Rules:	Template names must be unique within the VMS.
Developer Notes:	
Occurrences In Views:	vw_VMSTemplate , vw_VMSServer , vw_VMSTemplateDisplay
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSTemplate object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_VMSTemplate , vw_VMSTemplateDisplay , vw_VMSTemplate , vw_VMSTemplateDisplay
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SystemTemplate

Property Name	Value
Description:	A flag indicating whether the template is a read-only, factory created, system template.
Notes:	Values: 0: Template is a user-defined template and can be modified 1: Template is a system template and cannot be modified by a user
Business Rules:	Users are not allowed to modify system templates.
Developer Notes:	
Occurrences In Views:	vw_VMSTemplate , vw_VMSTemplateDisplay
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

3.109. tbl_WaveFormat

Contains definitions of the format of waveform-audio data (i.e., wave file formats).

Additional Information

Table Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Allow Null	Description	Custom Type
PK	ObjectId	char (36 characters)	False	The primary key for this table. A globally unique, system-generated identifier for a WaveFormat object.	ObjectID
	AvgBytesPerSec	bigint (8 bytes)	False	Specifies the required average data-transfer rate (in bytes per second) for the FormatTag.	
	BitsPerSample	int (4 bytes)	False	Bits per sample for the FormatTag.	
	BlockAlign	int (4 bytes)	False	Block alignment, in bytes.	
	Channels	int (4 bytes)	False	Number of channels in the waveform-audio data.	
	CodecId	int (4 bytes)	False	Internal Codec ID number	
	FormatName	varchar (128 characters)	False	Name reported by the OS corresponding to FormatTag.	
	FormatTag	int (4 bytes)	False	Waveform-audio format type.	
	JavaEncoding	nvarchar (24 characters)	True	Corresponding value of javax.sound.sampled.AudioFormat.Encoding as string.	
	SamplesPerSec	bigint (8 bytes)	False	Specifies the required data-transfer rate (in bytes per second) for the FormatTag.	

Table Keys

PK_tbl_WaveFormat

Property Name	Value
Description:	Uniquely identifies a wave format in this table and exclusively represents this wave format throughout the database.
Type:	Primary
Column(s):	ObjectId
Clustered?	True
Constraint Error String:	Duplicate wave format. A wave format with that unique identifier already exists.

Table Indexes

No indexes are specified for `tbl_WaveFormat`.

Table Ad-Hoc Constraints

No ad-hoc constraints exist for `tbl_WaveFormat`.

Table Relationships (Foreign Keys)

`tbl_WaveFormat` has no relationships specified with other tables.

Additional relationships with `tbl_WaveFormat` are defined in the following tables:

[tbl_LocationVMS](#)

Table Dependencies

The following views and/or stored procedures have dependencies on `tbl_WaveFormat`:

Name	Object Type	Description
vw_WaveFormat	View	A simple view for <code>tbl_WaveFormat</code> .

Table Triggers

No triggers are specified for `tbl_WaveFormat`.

Column Properties

AvgBytesPerSec

Property Name	Value
Description:	Specifies the required average data-transfer rate (in bytes per second) for the FormatTag.
Notes:	
Business Rules:	Greater than zero
Developer Notes:	See Microsoft documentation of WAVEFORMATEX for more information. Max value is 4294967295 (DWORD max 0xffffffff). This value is too large to enter as a maximum value constraint.
Occurrences In Views:	vw_WaveFormat
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	
SQL Data Type/Length:	bigint (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

BitsPerSample

Property Name	Value
Description:	Bits per sample for the FormatTag.
Notes:	
Business Rules:	Greater than zero
Developer Notes:	See Microsoft documentation of WAVEFORMATEX for more information.
Occurrences In Views:	vw_WaveFormat
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

BlockAlign

Property Name	Value
Description:	Block alignment, in bytes.
Notes:	The block alignment is the minimum atomic unit of data for the FormatTag format type
Business Rules:	Greater than zero
Developer Notes:	See Microsoft documentation of WAVEFORMATEX for more information.
Occurrences In Views:	vw_WaveFormat

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

Channels

Property Name	Value
Description:	Number of channels in the waveform-audio data.
Notes:	Monaural data uses one channel and stereo data uses two channels.
Business Rules:	Greater than zero
Developer Notes:	See Microsoft documentation of WAVEFORMATEX for more information.
Occurrences In Views:	vw_WaveFormat
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

CodecId

Property Name	Value
Description:	Internal Codec ID number
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	C++ symbols are GY_AUDIO_CODEC_*, see un_Miu project.
Occurrences In Views:	vw_WaveFormat
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

FormatName

Property Name	Value
Description:	Name reported by the OS corresponding to FormatTag.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_WaveFormat
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FormatTag

Property Name	Value
Description:	Waveform-audio format type.
Notes:	
Business Rules:	Greater than zero
Developer Notes:	Format tags are registered with Microsoft Corporation for many compression algorithms. A complete list of format tags can be found in the Mmreg.h header file. See Microsoft documentation of WAVEFORMATEX for more information.
Occurrences In Views:	vw_WaveFormat
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

JavaEncoding

Property Name	Value
Description:	Corresponding value of javax.sound.sampled.AudioFormat.Encoding as string.
Notes:	
Business Rules:	
Developer Notes:	
Occurrences In Views:	vw_WaveFormat
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (24 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	24 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a WaveFormat object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Occurrences In Views:	vw_WaveFormat
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SamplesPerSec

Property Name	Value
Description:	Specifies the required data-transfer rate (in bytes per second) for the FormatTag.
Notes:	
Business Rules:	Greater than zero
Developer Notes:	See Microsoft documentation of WAVEFORMATEX for more information. Max value is 4294967295 (DWORD max 0xffffffff). This value is too large to enter as a maximum value constraint.
Occurrences In Views:	vw_WaveFormat
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	bigint (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

Chapter 4. Custom Types

4.1. ActionType

Indicates the media type for a message.

Additional Information

Refer to UnityDynDb for more information about this type.

This is only partial set of enum values from UnityDynDb

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Unknown		Media type is unknown for MSG actions
2	Voice		Voice media type for MSG actions
8	ResyncDataNone		Resync None for Resync Actions

Column References

The following list of table/view columns use this custom type:

4.2. AddressingMaxScope

Indicates the scope of the search that Cisco Unity Connection performs when a subscriber addresses a message by using the phone, when members are being added to a distribution list, and for incoming AMIS messages.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	LocalVMS		Local VMS - limits the search to subscribers created on the local Cisco Unity Connection VMS server.
1	DialingDomain		Dialing Domain.- if a match is not found while searching the local Cisco Unity Connection VMS server, the search expands to include subscribers created on other Cisco Unity Connection servers that are in the same dialing domain as the local Cisco Unity Connection VMS server.
2	Organization		Unity organization - after searching the local Cisco Unity Connection VMS server and then the dialing domain (if there is one), the search expands to include every subscriber created on other Cisco Unity Connection VMS servers in the entire Unity organization.

Column References

The following list of table/view columns use this custom type:

[tbl_LocationVMS.AddressingMaxScope](#)

[vw_LocalVms.AddressingMaxScope](#)

[vw_LocationVMS.AddressingMaxScope](#)

4.3. AddressMode

The method a subscriber uses when addressing a message to another subscriber.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	LastNameFirst		Address by spelling last name and then first name.
1	Extension		Address by extension number.
2	FirstNameFirst		Address by spelling first name and then last name.

Column References

The following list of table/view columns use this custom type:

[tbl_UserSubscriber.AddressMode](#)

[vw_Subscriber.AddressMode](#)

[vw_SubscriberTemplate.AddressMode](#)

4.4. AgingRuleAction

Used to describe the action applied when a message aging rule is run.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	SoftDelete		
1	HardDelete		

Column References

The following list of table/view columns use this custom type:

[tbl_MessageAgingRule.Action](#)

[vw_MessageAgingRule.Action](#)

4.5. AgingTimeType

The enum is used for message aging.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	ModificationTime		
1	ArrivalTime		

Column References

The following list of table/view columns use this custom type:

[tbl_MessageAgingRule.AgingTimeType](#)

[vw_MessageAgingRule.AgingTimeType](#)

4.6. Alias

Unique text names used to make it easy for humans to identify objects in a directory. Used for User and Distribution List objects only.

Additional Information

The alias is recognizable in the native language and character set of the system, e.g. Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI client name lookup purposes.

Data Type and Data Length

SQL Data Type/Length : nvarchar (64 characters)

Valid Length

Min: 1 characters

Max: 64 characters

Valid Characters

Regular Expression: `^[^\x00-\x1F\x7F]*$`

Expression Description:

Any character (ASCII and Unicode) except non-printing ASCII characters.

Column References

The following list of table/view columns use this custom type:

[tbl_Alias.Alias](#)

[vw_Alias.Alias](#)

[vw_Contact.Alias](#)

[vw_Credential.Alias](#)

[vw_DistributionList.Alias](#)

[vw_DistributionList_List.Alias](#)

[vw_DistributionListMember.Alias](#)

[vw_DistributionListMemberTemplate.Alias](#)

[vw_NotificationAllActiveDevices.Alias](#)

[vw_PersonalGroup.Alias](#)

[vw_PersonalGroupMemberDetail.PersonalGroupAlias](#)

[vw_PersonalVoiceMailList.Alias](#)

vw_SmtpAddress.Alias

vw_Subscriber.Alias

vw_Subscriber_List.Alias

vw_Subscriber_MediaSwitchAssocCounts.Alias

vw_Subscriber_MediaSwitchAssocCounts_NonEmpty.Alias

vw_SubscriberContact.Alias

vw_SubscriberPolicy.Alias

vw_SubscriberTemplate.Alias

vw_User.Alias

vw_UserNonSubscriber.Alias

vw_UserTemplate.Alias

4.7. AltName

Used for AltFirstName and AltLastName for users and contacts.

Additional Information

The alternate spelling of a user/contact firstname or lastname in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing.

Data Type and Data Length

SQL Data Type/Length : nvarchar (64 characters)

Valid Length

Min: 0 characters

Max: 64 characters

Valid Characters

Regular Expression: `^[a-zA-Z0-9]*$`

Expression Description:
ASCII alphabetical or numeric character.

Column References

The following list of table/view columns use this custom type:

`tbl_Contact.AltFirstName`

`tbl_Contact.AltLastName`

`tbl_PersonalContact.AltFirstName`

`tbl_PersonalContact.AltLastName`

`tbl_User.AltFirstName`

`tbl_User.AltLastName`

`vw_Contact.AltFirstName`

`vw_Contact.AltLastName`

`vw_PersonalContact.AltFirstName`

`vw_PersonalContact.AltLastName`

`vw_PersonalContactPhoneNumber.AltFirstName`

`vw_PersonalContactPhoneNumber.AltLastName`

`vw_Subscriber.AltFirstName`

vw_Subscriber.AltLastName

vw_SubscriberContact.AltFirstName

vw_SubscriberContact.AltLastName

vw_User.AltFirstName

vw_User.AltLastName

vw_UserNonSubscriber.AltFirstName

vw_UserNonSubscriber.AltLastName

4.8. AuditAlias

The Unity alias that will be associated with an audit log record.

Additional Information

This will always be the same as the Alias custom type.

Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.

Data Type and Data Length

SQL Data Type/Length : nvarchar (64 characters)

Valid Length

Min: 0 characters

Max: 64 characters

Valid Characters

Regular Expression: `^[\p{L}\p{Digit}~!@#%&^\"_{} \.,]*$`

Expression Description:

Any ASCII or Unicode alphabetical or numeric character; special characters ` , ~ , ! , @ , # , \$, % , ^ , & , - , _ , ' , period, comma, and space.

Column References

The following list of table/view columns use this custom type:

4.9. AuditComponent

The Unity component that will be associated with an audit log record.

Additional Information

Every proc will have a component name parameter for auditing purposes.

Data Type and Data Length

SQL Data Type/Length : varchar (64 characters)

Valid Characters

Regular Expression: `^[^\x00-\x1F\x7F]*$`

Expression Description:
Any character (Unicode and ASCII).

Valid Length

Min: 0 characters

Max: 64 characters

Column References

The following list of table/view columns use this custom type:

4.10. AuditEvent

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
1	StoredProcedureBegin		A stored procedure was called.
2	StoredProcedureEnd		A stored procedure returned.
3	Security		A security event
4	Diagnostic		A diagnostic trace.
5	MessageAging		A message was deleted by the system aging process.

Column References

The following list of table/view columns use this custom type:

4.11. BlindAddressingMaxScope

The scope of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	None		None - blind address searches are not allowed.
1	LocalVMS		Local VMS - limits the search to delivery locations that were created on the local Cisco Unity Connection VMS server.
2	DialingDomain		Dialing domain - if a match is not found while searching the local Cisco Unity Connection VMS server, the blind addressing search expands to include those delivery locations created on other Cisco Unity Connection VMS servers that are in the same dialing domain as the local Cisco Unity Connection VMS server.
3	Organization		Organization - after searching the local Cisco Unity Connection VMS server and then the dialing domain (if there is one), the search expands to include every delivery location created on other Cisco Unity Connection VMS servers in the entire Unity organization.

Column References

The following list of table/view columns use this custom type:

[tbl_LocationVMS.BlindAddressingMaxScope](#)

[vw_LocalVms.BlindAddressingMaxScope](#)

[vw_LocationVMS.BlindAddressingMaxScope](#)

4.12. Bool

Emulates a Boolean data type, which can have one of two values. Either 1 for true, or 0 for false.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	False		False condition.
1	True		True condition.

Column References

The following list of table/view columns use this custom type:

[tbl_AccountLogonPolicy.AllowBlankPassword](#)

[tbl_Alias.IsPrimary](#)

[tbl_BroadcastMessageRecipient.Status](#)

[tbl_CallActionParentObjectMap.ActionCallHandlerAfterGreeting](#)

[tbl_CallActionParentObjectMap.ActionCallHandlerAfterMessage](#)

[tbl_CallActionParentObjectMap.ActionCallHandlerCallerInput](#)

[tbl_CallActionParentObjectMap.ActionDirectoryHandlerExit](#)

[tbl_CallActionParentObjectMap.ActionDirectoryHandlerNoInput](#)

[tbl_CallActionParentObjectMap.ActionDirectoryHandlerNoSelection](#)

[tbl_CallActionParentObjectMap.ActionDirectoryHandlerZeroExit](#)

[tbl_CallActionParentObjectMap.ActionInterviewHandlerAfterMessage](#)

[tbl_CallActionParentObjectMap.ActionRoutingRuleForwardedCall](#)

[tbl_CallActionParentObjectMap.ActionRoutingRuleDirectCall](#)

[tbl_CallActionParentObjectMap.ActionSubscriberExit](#)

[tbl_CallActionParentObjectMap.ActionSubscriberAfterGreeting](#)

[tbl_CallActionParentObjectMap.ActionSubscriberAfterMessage](#)

tbl_CallActionParentObjectMap.ActionSubscriberCallerInput

tbl_CallHandler.EditMsg

tbl_CallHandler.IsPrimary

tbl_CallHandler.IsTemplate

tbl_CallHandler.SendSecureMsg

tbl_Configuration.ValueBool

tbl_Configuration.DefaultValueBool

tbl_Configuration.HasChildNodes

tbl_Configuration.UserSetting

tbl_Configuration.RequiresRestart

tbl_Configuration.ResetToDefaultOnUpgrade

tbl_Contact.DisableOutbound

tbl_Contact.ListInDirectory

tbl_Conversation.CnvSubscriberExit

tbl_Conversation.CnvRoutingRuleForwardedCall

tbl_Conversation.CnvRoutingRuleDirectCall

tbl_Conversation.CnvSubscriberMainConv

tbl_Conversation.RequiresSubscriber

tbl_Conversation.RequiresCallHandler

tbl_Conversation.RequiresDirectoryHandler

tbl_Conversation.RequiresInterviewHandler

tbl_Conversation.IsVui

tbl_Conversation.CnvSubscriberAfterGreeting

tbl_Conversation.CnvSubscriberAfterMessage

tbl_Conversation.CnvSubscriberCallerInput

tbl_Conversation.CnvCallHandlerAfterGreeting

tbl_Conversation.CnvCallHandlerAfterMessage

tbl_Conversation.CnvCallHandlerCallerInput

tbl_Conversation.CnvDirectoryHandlerExit

tbl_Conversation.CnvDirectoryHandlerNoInput

tbl_Conversation.CnvDirectoryHandlerNoSelection
tbl_Conversation.CnvDirectoryHandlerZeroExit
tbl_Conversation.CnvInterviewHandlerAfterMessage
tbl_Cos.AccessFaxMail
tbl_Cos.AccessTts
tbl_Cos.CallHoldAvailable
tbl_Cos.CallScreenAvailable
tbl_Cos.CanRecordName
tbl_Cos.ListInDirectoryStatus
tbl_Cos.MovetoDeleteFolder
tbl_Cos.PersonalAdministrator
tbl_Cos.Undeletable
tbl_Cos.CanSendToPublicDl
tbl_Cos.EnableEnhancedSecurity
tbl_Cos.AccessVmi
tbl_Cos.AccessLiveReply
tbl_Cos.AccessCallRoutingRules
tbl_Cos.SendBroadcastMessage
tbl_Cos.UpdateBroadcastMessage
tbl_Cos.AccessVui
tbl_Cos.ImapCanFetchMessageBody
tbl_Cos.ImapCanFetchPrivateMessageBody
tbl_Cos.AccessIMAP
tbl_Cos.AccessUnifiedClient
tbl_Cos.ReadOnly
tbl_Cos.AccessAdvancedUserFeatures
tbl_Credential.IsPrimary
tbl_Credential.CantChange
tbl_Credential.DoesntExpire
tbl_Credential.CredMustChange

tbl_CredentialPolicy.TrivialCredChecking
tbl_DirectoryHandler.AutoRoute
tbl_DirectoryHandler.MenuStyle
tbl_DirectoryHandler.SayExtension
tbl_DirectoryHandler.SearchByFirstName
tbl_DirectoryHandler.UseStarToExit
tbl_DirectoryHandler.PlayAllNames
tbl_DirectoryHandler.VoiceEnabled
tbl_DistributionList.IsPublic
tbl_DistributionList.Undeletable
tbl_DistributionList.AllowContacts
tbl_DistributionList.AllowForeignMessage
tbl_DtmfAccessId.TransmitForcedAuthorizationCode
tbl_Greeting.IgnoreDigits
tbl_Handler.Undeletable
tbl_Handler.UseCallLanguage
tbl_InstalledLanguage.Loaded
tbl_InterviewQuestion.IsActive
tbl_IpAddressAccessList.AllowConnection
tbl_LicenseFileStatus.Installed
tbl_LocationVMS.IsPrimary
tbl_LocationVMS.AllowBlindAddressing
tbl_LocationVMS.IncludeLocations
tbl_LocationVPIM.EnableAutoCreateContact
tbl_LocationVPIM.EnableAutoCreateNoVoiceName
tbl_LocationVPIM.EnableAutoDeleteContact
tbl_LocationVPIM.EnableAutoUpdateContactDisplayName
tbl_LocationVPIM.IncludeSenderVoiceName
tbl_LocationVPIM.ListContactsInDirectory
tbl_LocationVPIM.UseSmartSmtphost

tbl_LocationVPIM.PushDirectory
tbl_LocationVPIM.EnableOutgoingPrivateMessages
tbl_LocationVPIM.EnableOutgoingSecureMessages
tbl_LocationVPIM.EnableAGC
tbl_MailboxMap.IsPrimary
tbl_MailboxStoreMap.Mounted
tbl_MailboxStoreMap.UseServiceCredentials
tbl_MediaPort.SkinnyDoMediaEncryption
tbl_MediaPort.CapAnswer
tbl_MediaPort.CapNotification
tbl_MediaPort.CapMWI
tbl_MediaPort.CapEnabled
tbl_MediaPort.CapDeliverAmis
tbl_MediaPort.CapTrapConnection
tbl_MediaPortGroup.EnableMWI
tbl_MediaPortGroup.EnableAGC
tbl_MediaPortGroup.CcmDoAutoFailback
tbl_MediaPortGroup.SipRegisterWithProxyServer
tbl_MediaPortGroup.SipDoAuthenticate
tbl_MediaPortGroup.MwiReqPortSpecific
tbl_MediaPortGroupTemplate.Copy_EnableMWI
tbl_MediaPortGroupTemplate.Copy_EnableAGC
tbl_MediaPortGroupTemplate.Copy_CCMDoAutoFailback
tbl_MediaPortGroupTemplate.Copy_SIPRegisterWithProxyServer
tbl_MediaPortGroupTemplate.Copy_SIPDoAuthenticate
tbl_MediaPortGroupTemplate.Copy_MWIRReqPortSpecific
tbl_MediaSwitch.MwiAlwaysUpdate
tbl_MediaSwitch.MwiPortMemory
tbl_MediaSwitch.CallLoopSupervisedTransferDetect
tbl_MediaSwitch.CallLoopForwardNotificationDetect

tbl_MediaSwitch.EnablePhoneApplications
tbl_MediaSwitch.DefaultTRaPSwitch
tbl_MediaSwitch.MwiForceOff
tbl_MenuEntry.Locked
tbl_MessageAgingPolicy.Enabled
tbl_MessageAgingPolicy.IsSystem
tbl_MessageAgingRule.Seen
tbl_MessageAgingRule.Deleted
tbl_MessageAgingRule.Enabled
tbl_MessageAgingRule.Secure
tbl_MessageAgingRule.Recent
tbl_NotificationDevice.Active
tbl_NotificationDeviceConversation.TransmitForcedAuthorizationCode
tbl_NotificationDeviceConversation.WaitConnect
tbl_NotificationDeviceConversation.PromptForId
tbl_NotificationDeviceConversation.DetectTransferLoop
tbl_NotificationDevicePager.TransmitForcedAuthorizationCode
tbl_NotificationDevicePager.SendCount
tbl_NotificationDevicePager.WaitConnect
tbl_NotificationDevicePager.SendCallerId
tbl_NotificationDeviceSMS.SendCount
tbl_NotificationDeviceSMS.SendCallerId
tbl_NotificationDeviceSMTP.SendCount
tbl_NotificationDeviceSMTP.SendCallerId
tbl_NotificationDeviceSMTP.SendPcaLink
tbl_NotificationMwi.MwiOn
tbl_NotificationMwi.IncludeTextMessages
tbl_NotificationMwi.IncludeVoiceMessages
tbl_NotificationMwi.IncludeFaxMessages
tbl_NotificationMwi.Active

tbl_NotificationRule.RepeatNotify
tbl_PersonalDestination.TransmitForcedAuthorizationCode
tbl_PersonalDestination.DetectTransferLoop
tbl_PersonalGroup.IsVoiceMailList
tbl_PersonalRule.ScreenCall
tbl_PersonalRule.AlwaysTriggerPage
tbl_PersonalRule.RingAllDestinationsAtOnce
tbl_PersonalRuleSet.IsEnabled
tbl_PhoneNumber.AutoLogon
tbl_PhoneNumber.TransmitForcedAuthorizationCode
tbl_Privilege.ReadAccess
tbl_Privilege.UpdateAccess
tbl_Privilege.CreateAccess
tbl_Privilege.DeleteAccess
tbl_Privilege.ExecuteAccess
tbl_RestrictionPattern.Blocked
tbl_RestrictionTable.DefaultBlocked
tbl_RestrictionTable.Undeletable
tbl_Role.IsEnabled
tbl_Role.ReadOnly
tbl_RoutingRule.UseCallLanguage
tbl_Schedule.IsHoliday
tbl_Schedule.Undeletable
tbl_ScheduleDetail.IsActiveMonday
tbl_ScheduleDetail.IsActiveTuesday
tbl_ScheduleDetail.IsActiveWednesday
tbl_ScheduleDetail.IsActiveThursday
tbl_ScheduleDetail.IsActiveFriday
tbl_ScheduleDetail.IsActiveSaturday
tbl_ScheduleDetail.IsActiveSunday

tbl_ScheduleSet.Undeletable
tbl_ScheduleSetMemberMap.Exclude
tbl_SMPPProvider.IsEnabled
tbl_SMPPProvider.replace_if_present_flag
tbl_SmtpServer.LimitConnections
tbl_SmtpServer.LimitMessageSize
tbl_SmtpServer.LimitMessagesSession
tbl_SmtpServer.LimitRecipients
tbl_SmtpServer.IsEnabled
tbl_SmtpServer.IsDefault
tbl_TaskDefinition.IsAdHoc
tbl_TaskPeriodic.IsReadOnly
tbl_TaskPeriodic.RunOnStart
tbl_TaskPeriodic.DefaultRunOnStart
tbl_TaskPeriodic.DefaultIsEnabled
tbl_TaskPeriodic.IsEnabled
tbl_TransferOption.TransferAnnounce
tbl_TransferOption.TransferConfirm
tbl_TransferOption.TransferDtDetect
tbl_TransferOption.TransferIntroduce
tbl_TransferOption.TransferScreening
tbl_TreeControlNode.Expanded
tbl_User.IsTemplate
tbl_User.RouteNDRToSender
tbl_User.Undeletable
tbl_User.ReadOnly
tbl_UserSubscriber.GreetByName
tbl_UserSubscriber.ListInDirectory
tbl_UserSubscriber.IsVmEnrolled
tbl_UserSubscriber.SayCopiedNames

tbl_UserSubscriber.SayDistributionList
tbl_UserSubscriber.SayMsgNumber
tbl_UserSubscriber.SaySender
tbl_UserSubscriber.SayTimestampAfter
tbl_UserSubscriber.SayTimestampBefore
tbl_UserSubscriber.SayTotalNew
tbl_UserSubscriber.SayTotalNewEmail
tbl_UserSubscriber.SayTotalNewFax
tbl_UserSubscriber.SayTotalNewVoice
tbl_UserSubscriber.SayTotalReceipts
tbl_UserSubscriber.SayTotalSaved
tbl_UserSubscriber.UseBriefPrompts
tbl_UserSubscriber.EnAltGreetDontRingPhone
tbl_UserSubscriber.EnAltGreetPreventSkip
tbl_UserSubscriber.EnAltGreetPreventMsg
tbl_UserSubscriber.EncryptPrivateMessages
tbl_UserSubscriber.SayAltGreetWarning
tbl_UserSubscriber.SaySenderExtension
tbl_UserSubscriber.SayAni
tbl_UserSubscriber.MessageTypeMenu
tbl_UserSubscriber.EnablePersonalRules
tbl_UserSubscriber.RecordUnknownCallerName
tbl_UserSubscriber.RingPrimaryPhoneFirst
tbl_UserSubscriber.AddressAfterRecord
tbl_UserSubscriber.ConfirmDeleteMessage
tbl_UserSubscriber.ConfirmDeleteDeletedMessage
tbl_UserSubscriber.ConfirmDeleteMultipleMessages
tbl_UserSubscriber.IsClockMode24Hour
tbl_UserSubscriber.VoiceNameRequired
tbl_UserSubscriber.SendBroadcastMsg

tbl_UserSubscriber.UpdateBroadcastMsg
tbl_UserSubscriber.UseVui
tbl_UserSubscriber.SkipPasswordForKnownDevice
tbl_UserSubscriber.JumpToMessagesOnLogin
tbl_UserSubscriber.EnableMessageLocator
tbl_UserSubscriber.InboxAutoResolveMessageRecipients
tbl_UserSubscriber.EnableTts
tbl_UserSubscriber.EnableVisualMessageLocator
tbl_UserTemplate.DoesntExpire
tbl_UserTemplate.CantChange
tbl_VMSTemplate.SystemTemplate
vw_Alias.IsPrimary
vw_BroadcastMessageRecipient.Status
vw_CallActionParentObjectMap.ActionCallHandlerAfterGreeting
vw_CallActionParentObjectMap.ActionCallHandlerAfterMessage
vw_CallActionParentObjectMap.ActionCallHandlerCallerInput
vw_CallActionParentObjectMap.ActionDirectoryHandlerExit
vw_CallActionParentObjectMap.ActionDirectoryHandlerNoInput
vw_CallActionParentObjectMap.ActionDirectoryHandlerNoSelection
vw_CallActionParentObjectMap.ActionDirectoryHandlerZeroExit
vw_CallActionParentObjectMap.ActionInterviewHandlerAfterMessage
vw_CallActionParentObjectMap.ActionRoutingRuleForwardedCall
vw_CallActionParentObjectMap.ActionRoutingRuleDirectCall
vw_CallActionParentObjectMap.ActionSubscriberExit
vw_CallActionParentObjectMap.ActionSubscriberAfterGreeting
vw_CallActionParentObjectMap.ActionSubscriberAfterMessage
vw_CallActionParentObjectMap.ActionSubscriberCallerInput
vw_Callhandler.Undeletable
vw_Callhandler.EditMsg
vw_Callhandler.IsPrimary

vw_Callhandler.IsTemplate
vw_Callhandler.UseCallLanguage
vw_Callhandler.SendSecureMsg
vw_CallhandlerNonPrimary.Undeletable
vw_CallhandlerNonPrimary.EditMsg
vw_CallhandlerNonPrimary.IsPrimary
vw_CallhandlerNonPrimary.IsTemplate
vw_CallhandlerNonPrimary.UseCallLanguage
vw_CallhandlerNonPrimary.SendSecureMsg
vw_CallhandlerPrimary.Undeletable
vw_CallhandlerPrimary.EditMsg
vw_CallhandlerPrimary.IsPrimary
vw_CallhandlerPrimary.IsTemplate
vw_CallhandlerPrimary.UseCallLanguage
vw_CallhandlerPrimary.SendSecureMsg
vw_CallhandlerPrimaryTemplate.Undeletable
vw_CallhandlerPrimaryTemplate.EditMsg
vw_CallhandlerPrimaryTemplate.IsPrimary
vw_CallhandlerPrimaryTemplate.IsTemplate
vw_CallhandlerPrimaryTemplate.UseCallLanguage
vw_CallhandlerPrimaryTemplate.SendSecureMsg
vw_CallhandlerTemplate.Undeletable
vw_CallhandlerTemplate.EditMsg
vw_CallhandlerTemplate.IsPrimary
vw_CallhandlerTemplate.IsTemplate
vw_CallhandlerTemplate.UseCallLanguage
vw_CallhandlerTemplate.SendSecureMsg
vw_Configuration.DefaultValueBool
vw_Configuration.ValueBool
vw_Configuration.HasChildNodes

vw_Configuration.UserSetting
vw_Configuration.RequiresRestart
vw_Configuration.ResetToDefaultOnUpgrade
vw_Configuration_AdvSetting_Conversations.UserSetting
vw_Configuration_AdvSetting_Conversations.RequiresRestart
vw_Configuration_AdvSetting_CPCA.UserSetting
vw_Configuration_AdvSetting_CPCA.RequiresRestart
vw_Configuration_AdvSetting_Groupware.UserSetting
vw_Configuration_AdvSetting_Groupware.RequiresRestart
vw_Configuration_AdvSetting_Reports.UserSetting
vw_Configuration_AdvSetting_Reports.RequiresRestart
vw_Configuration_AdvSetting_SA.UserSetting
vw_Configuration_AdvSetting_SA.RequiresRestart
vw_Configuration_AdvSetting_SecureMessaging.UserSetting
vw_Configuration_AdvSetting_SecureMessaging.RequiresRestart
vw_Configuration_AdvSetting_SystemSetup.RequiresRestart
vw_Configuration_AdvSetting_SystemSetup.UserSetting
vw_Configuration_AdvSetting_Telephony.UserSetting
vw_Configuration_AdvSetting_Telephony.RequiresRestart
vw_Configuration_AdvSetting_TRaP.UserSetting
vw_Configuration_AdvSetting_TRaP.RequiresRestart
vw_ConfigurationValue.UserSetting
vw_ConfigurationValue.RequiresRestart
vw_Contact.DisableOutbound
vw_Contact.ListInDirectory
vw_Conversation.CnvSubscriberExit
vw_Conversation.CnvRoutingRuleForwardedCall
vw_Conversation.CnvRoutingRuleDirectCall
vw_Conversation.CnvSubscriberMainConv
vw_Conversation.RequiresSubscriber

vw_Conversation.RequiresCallHandler
vw_Conversation.RequiresDirectoryHandler
vw_Conversation.RequiresInterviewHandler
vw_Conversation.IsVui
vw_Conversation.CnvSubscriberAfterGreeting
vw_Conversation.CnvSubscriberAfterMessage
vw_Conversation.CnvSubscriberCallerInput
vw_Conversation.CnvCallHandlerAfterGreeting
vw_Conversation.CnvCallHandlerAfterMessage
vw_Conversation.CnvCallHandlerCallerInput
vw_Conversation.CnvDirectoryHandlerExit
vw_Conversation.CnvDirectoryHandlerNoInput
vw_Conversation.CnvDirectoryHandlerNoSelection
vw_Conversation.CnvDirectoryHandlerZeroExit
vw_Conversation.CnvInterviewHandlerAfterMessage
vw_Cos.AccessFaxMail
vw_Cos.AccessTts
vw_Cos.CallHoldAvailable
vw_Cos.CallScreenAvailable
vw_Cos.CanRecordName
vw_Cos.ListInDirectoryStatus
vw_Cos.MovetoDeleteFolder
vw_Cos.PersonalAdministrator
vw_Cos.Undeletable
vw_Cos.CanSendToPublicDI
vw_Cos.EnableEnhancedSecurity
vw_Cos.AccessVmi
vw_Cos.AccessLiveReply
vw_Cos.AccessCallRoutingRules
vw_Cos.SendBroadcastMessage

vw_Cos.UpdateBroadcastMessage
vw_Cos.AccessVui
vw_Cos.ImapCanFetchMessageBody
vw_Cos.ImapCanFetchPrivateMessageBody
vw_Cos.AccessIMAP
vw_Cos.ReadOnly
vw_Cos.AccessAdvancedUserFeatures
vw_Cos.AccessAdvancedUser
vw_Cos.AccessUnifiedClient
vw_Cos_Licensed.AccessVmi
vw_Cos_Licensed.AccessIMAP
vw_Cos_Licensed.AccessAdvancedUserFeatures
vw_Credential.IsPrimary
vw_Credential.CantChange
vw_Credential.DoesntExpire
vw_Credential.CredMustChange
vw_CredentialPolicy.TrivialCredChecking
vw_CurrentPrivileges.ReadAccess
vw_CurrentPrivileges.UpdateAccess
vw_CurrentPrivileges.CreateAccess
vw_CurrentPrivileges.DeleteAccess
vw_CurrentPrivileges.ExecuteAccess
vw_DirectoryHandler.Undeletable
vw_DirectoryHandler.MenuStyle
vw_DirectoryHandler.SayExtension
vw_DirectoryHandler.SearchByFirstName
vw_DirectoryHandler.UseStarToExit
vw_DirectoryHandler.PlayAllNames
vw_DirectoryHandler.AutoRoute
vw_DirectoryHandler.VoiceEnabled

vw_DirectoryHandler.UseCallLanguage
vw_DistributionList.IsPublic
vw_DistributionList.Undeletable
vw_DistributionList.AllowContacts
vw_DistributionList.AllowForeignMessage
vw_DistributionListMember.AllowForeignMessage
vw_DistributionListMemberTemplate.AllowForeignMessage
vw_DtmfAccessId.TransmitForcedAuthorizationCode
vw_ExternalService.Mounted
vw_ExternalService.UseServiceCredentials
vw_ExternalService.IsEnabled
vw_Greeting.IgnoreDigits
vw_GreetingDisplay.IgnoreDigits
vw_Handler.Undeletable
vw_Handler.UseCallLanguage
vw_InstalledLanguage.Loaded
vw_InterviewHandler.Undeletable
vw_InterviewHandler.UseCallLanguage
vw_InterviewHandlerQuestion.IsActive
vw_IpAddressAccessList.AllowConnection
vw_IpAddressAccessList_Composite.AllowConnection
vw_LicenseFileStatus.Installed
vw_LocalVms.AllowBlindAddressing
vw_LocalVms.IsPrimary
vw_LocalVms.IncludeLocations
vw_Location.AllowBlindAddressing
vw_LocationVMS.IsPrimary
vw_LocationVMS.AllowBlindAddressing
vw_LocationVMS.IncludeLocations
vw_LocationVPIM.EnableAutoCreateContact

vw_LocationVPIM.EnableAutoCreateNoVoiceName
vw_LocationVPIM.EnableAutoDeleteContact
vw_LocationVPIM.EnableAutoUpdateContactDisplayName
vw_LocationVPIM.IncludeSenderVoiceName
vw_LocationVPIM.ListContactsInDirectory
vw_LocationVPIM.UseSmartSmtphost
vw_LocationVPIM.PushDirectory
vw_LocationVPIM.EnableOutgoingPrivateMessages
vw_LocationVPIM.EnableOutgoingSecureMessages
vw_LocationVPIM.EnableAGC
vw_Mailbox.IsPrimary
vw_MailboxMap.IsPrimary
vw_MailboxStoreMap.Mounted
vw_MediaPort.SkinnyDoMediaEncryption
vw_MediaPort.CapAnswer
vw_MediaPort.CapNotification
vw_MediaPort.CapMWI
vw_MediaPort.CapEnabled
vw_MediaPort.CapDeliverAmis
vw_MediaPort.CapTrapConnection
vw_MediaPort.MediaPortGroupEnableMWI
vw_MediaPort.MediaPortGroupMwiReqPortSpecific
vw_MediaPortGroup.EnableMWI
vw_MediaPortGroup.EnableAGC
vw_MediaPortGroup.CcmDoAutoFailback
vw_MediaPortGroup.SipRegisterWithProxyServer
vw_MediaPortGroup.SipDoAuthenticate
vw_MediaPortGroup.MwiReqPortSpecific
vw_MediaPortGroupTemplate.Copy_EnableMWI
vw_MediaPortGroupTemplate.Copy_EnableAGC

vw_MediaPortGroupTemplate.Copy_CCMDAutoFailback
vw_MediaPortGroupTemplate.Copy_SIPRegisterWithProxyServer
vw_MediaPortGroupTemplate.Copy_SIPDoAuthenticate
vw_MediaPortGroupTemplate.Copy_MWIReqPortSpecific
vw_MediaSwitch.MwiAlwaysUpdate
vw_MediaSwitch.MwiPortMemory
vw_MediaSwitch.CallLoopSupervisedTransferDetect
vw_MediaSwitch.CallLoopForwardNotificationDetect
vw_MediaSwitch.EnablePhoneApplications
vw_MediaSwitch.DefaultTRaPSwitch
vw_MenuEntry.Locked
vw_MessageAgingPolicy.Enabled
vw_MessageAgingPolicy.IsSystem
vw_MessageAgingRule.Seen
vw_MessageAgingRule.Deleted
vw_MessageAgingRule.Enabled
vw_MessageAgingRule.Secure
vw_MessageAgingRule.Recent
vw_NotificationAllActiveDevices.IncludeFaxMessages
vw_NotificationAllActiveDevices.IncludeTextMessages
vw_NotificationAllActiveDevices.IncludeVoiceMessages
vw_NotificationAllActiveDevices.MwiOn
vw_NotificationAllActiveDevices.RepeatNotify
vw_NotificationDevice.Active
vw_NotificationDevice.SendCount
vw_NotificationDevice.WaitConnect
vw_NotificationDevice.TransmitForcedAuthorizationCode
vw_NotificationDevice.PromptForId
vw_NotificationDevice.SendCallerId
vw_NotificationDevice.SendPcaLink

`vw_NotificationDevice.DetectTransferLoop`
`vw_NotificationDeviceConversation.TransmitForcedAuthorizationCode`
`vw_NotificationDeviceConversation.WaitConnect`
`vw_NotificationDeviceConversation.Active`
`vw_NotificationDeviceConversation.PromptForId`
`vw_NotificationDeviceConversation.DetectTransferLoop`
`vw_NotificationDevicePager.TransmitForcedAuthorizationCode`
`vw_NotificationDevicePager.SendCount`
`vw_NotificationDevicePager.WaitConnect`
`vw_NotificationDevicePager.Active`
`vw_NotificationDevicePager.SendCallerId`
`vw_NotificationDeviceSMS.SendCount`
`vw_NotificationDeviceSMS.Active`
`vw_NotificationDeviceSMS.SendCallerId`
`vw_NotificationDeviceSMTP.SendCount`
`vw_NotificationDeviceSMTP.Active`
`vw_NotificationDeviceSMTP.SendCallerId`
`vw_NotificationDeviceSMTP.SendPcaLink`
`vw_NotificationMwi.MwiOn`
`vw_NotificationMwi.IncludeTextMessages`
`vw_NotificationMwi.IncludeVoiceMessages`
`vw_NotificationMwi.IncludeFaxMessages`
`vw_NotificationMwi.Active`
`vw_NotificationRule.RepeatNotify`
`vw_PersonalDestination.TransmitForcedAuthorizationCode`
`vw_PersonalDestination.DetectTransferLoop`
`vw_PersonalGroup.IsVoiceMailList`
`vw_PersonalRule.ScreenCall`
`vw_PersonalRule.AlwaysTriggerPage`
`vw_PersonalRule.RingAllDestinationsAtOnce`

vw_PersonalRuleDetail.ScreenCall
vw_PersonalRuleDetail.AlwaysTriggerPage
vw_PersonalRuleDetail.RingAllDestinationsAtOnce
vw_PersonalRuleDetail.IsEnabled
vw_PersonalRuleSet.IsEnabled
vw_PhoneNumber.AutoLogon
vw_PhoneNumber.TransmitForcedAuthorizationCode
vw_Privilege.ReadAccess
vw_Privilege.UpdateAccess
vw_Privilege.CreateAccess
vw_Privilege.DeleteAccess
vw_Privilege.ExecuteAccess
vw_RestrictionPattern.Blocked
vw_RestrictionTable.DefaultBlocked
vw_RestrictionTable.Undeletable
vw_Role.IsEnabled
vw_Role.ReadOnly
vw_RoutingRule.UseCallLanguage
vw_Schedule.IsHoliday
vw_Schedule.Undeletable
vw_ScheduleDetail.IsActiveMonday
vw_ScheduleDetail.IsActiveTuesday
vw_ScheduleDetail.IsActiveWednesday
vw_ScheduleDetail.IsActiveThursday
vw_ScheduleDetail.IsActiveFriday
vw_ScheduleDetail.IsActiveSaturday
vw_ScheduleDetail.IsActiveSunday
vw_ScheduleSet.Undeletable
vw_ScheduleSetMemberMap.Exclude
vw_SMPPPProvider.IsEnabled

vw_SMPPProvider.replace_if_present_flag
vw_SmtpAddress.IsPrimary
vw_SmtpServer.LimitConnections
vw_SmtpServer.LimitMessageSize
vw_SmtpServer.LimitMessagesSession
vw_SmtpServer.LimitRecipients
vw_SmtpServer.IsEnabled
vw_SmtpServer.IsDefault
vw_Subscriber.IsTemplate
vw_Subscriber.GreetByName
vw_Subscriber.ListInDirectory
vw_Subscriber.IsVmEnrolled
vw_Subscriber.SayCopiedNames
vw_Subscriber.SayDistributionList
vw_Subscriber.SayMsgNumber
vw_Subscriber.SaySender
vw_Subscriber.SayTimestampAfter
vw_Subscriber.SayTimestampBefore
vw_Subscriber.SayTotalNew
vw_Subscriber.SayTotalNewEmail
vw_Subscriber.SayTotalNewFax
vw_Subscriber.SayTotalNewVoice
vw_Subscriber.SayTotalReceipts
vw_Subscriber.SayTotalSaved
vw_Subscriber.Undeletable
vw_Subscriber.UseBriefPrompts
vw_Subscriber.EnAltGreetDontRingPhone
vw_Subscriber.EnAltGreetPreventSkip
vw_Subscriber.EnAltGreetPreventMsg
vw_Subscriber.EncryptPrivateMessages

vw_Subscriber.SayAltGreetWarning
vw_Subscriber.SaySenderExtension
vw_Subscriber.SayAni
vw_Subscriber.MessageTypeMenu
vw_Subscriber.EnablePersonalRules
vw_Subscriber.RecordUnknownCallerName
vw_Subscriber.RingPrimaryPhoneFirst
vw_Subscriber.AddressAfterRecord
vw_Subscriber.ConfirmDeleteMessage
vw_Subscriber.ConfirmDeleteDeletedMessage
vw_Subscriber.ConfirmDeleteMultipleMessages
vw_Subscriber.IsClockMode24Hour
vw_Subscriber.RouteNDRTtoSender
vw_Subscriber.IsSetForVmEnrollment
vw_Subscriber.VoiceNameRequired
vw_Subscriber.SendBroadcastMsg
vw_Subscriber.UpdateBroadcastMsg
vw_Subscriber.UseVui
vw_Subscriber.SkipPasswordForKnownDevice
vw_Subscriber.JumpToMessagesOnLogin
vw_Subscriber.EnableMessageLocator
vw_Subscriber.InboxAutoResolveMessageRecipients
vw_Subscriber.ReadOnly
vw_Subscriber.EnableTts
vw_Subscriber.EnableVisualMessageLocator
vw_SubscriberContact.ListInDirectory
vw_SubscriberExternalServiceMapDetail.UseServiceCredentials
vw_SubscriberExternalServiceMapDetail.IsEnabled
vw_SubscriberTemplate.GreetByName
vw_SubscriberTemplate.ListInDirectory

vw_SubscriberTemplate.IsVmEnrolled
vw_SubscriberTemplate.SayCopiedNames
vw_SubscriberTemplate.SayDistributionList
vw_SubscriberTemplate.SayMsgNumber
vw_SubscriberTemplate.SaySender
vw_SubscriberTemplate.SayTimestampAfter
vw_SubscriberTemplate.SayTimestampBefore
vw_SubscriberTemplate.SayTotalNew
vw_SubscriberTemplate.SayTotalNewEmail
vw_SubscriberTemplate.SayTotalNewFax
vw_SubscriberTemplate.SayTotalNewVoice
vw_SubscriberTemplate.SayTotalReceipts
vw_SubscriberTemplate.SayTotalSaved
vw_SubscriberTemplate.Undeletable
vw_SubscriberTemplate.UseBriefPrompts
vw_SubscriberTemplate.EnAltGreetDontRingPhone
vw_SubscriberTemplate.EnAltGreetPreventSkip
vw_SubscriberTemplate.EnAltGreetPreventMsg
vw_SubscriberTemplate.EncryptPrivateMessages
vw_SubscriberTemplate.SayAltGreetWarning
vw_SubscriberTemplate.SaySenderExtension
vw_SubscriberTemplate.SayAni
vw_SubscriberTemplate.DoesntExpire
vw_SubscriberTemplate.CantChange
vw_SubscriberTemplate.MessageTypeMenu
vw_SubscriberTemplate.EnablePersonalRules
vw_SubscriberTemplate.RecordUnknownCallerName
vw_SubscriberTemplate.RingPrimaryPhoneFirst
vw_SubscriberTemplate.AddressAfterRecord
vw_SubscriberTemplate.ConfirmDeleteMessage

vw_SubscriberTemplate.ConfirmDeleteDeletedMessage
vw_SubscriberTemplate.ConfirmDeleteMultipleMessages
vw_SubscriberTemplate.IsClockMode24Hour
vw_SubscriberTemplate.RouteNDRToSender
vw_SubscriberTemplate.IsSetForVmEnrollment
vw_SubscriberTemplate.VoiceNameRequired
vw_SubscriberTemplate.SendBroadcastMsg
vw_SubscriberTemplate.UpdateBroadcastMsg
vw_SubscriberTemplate.UseVui
vw_SubscriberTemplate.SkipPasswordForKnownDevice
vw_SubscriberTemplate.JumpToMessagesOnLogin
vw_SubscriberTemplate.EnableMessageLocator
vw_SubscriberTemplate.InboxAutoResolveMessageRecipients
vw_SubscriberTemplate.ReadOnly
vw_SubscriberTemplate.EnableTts
vw_SubscriberTemplate.EnableVisualMessageLocator
vw_TaskDefinition.IsAdHoc
vw_TaskPeriodic.IsReadOnly
vw_TaskPeriodic.RunOnStart
vw_TaskPeriodic.DefaultRunOnStart
vw_TaskPeriodic.DefaultIsEnabled
vw_TaskPeriodic.IsEnabled
vw_TransferOption.TransferAnnounce
vw_TransferOption.TransferConfirm
vw_TransferOption.TransferDtDetect
vw_TransferOption.TransferIntroduce
vw_TransferOption.TransferScreening
vw_TreeControlNode.Expanded
vw_User.IsTemplate
vw_User.RouteNDRToSender

`vw_User.Undeletable`

`vw_User.ReadOnly`

`vw_UserMailboxMap.IsPrimary`

`vw_UserMailboxMap.MailStoreMounted`

`vw_UserMailboxMap.RouteNDRTToSender`

`vw_UserNonSubscriber.IsTemplate`

`vw_UserNonSubscriber.RouteNDRTToSender`

`vw_UserNonSubscriber.Undeletable`

`vw_UserNonSubscriber.ReadOnly`

`vw_UserTemplate.DoesntExpire`

`vw_UserTemplate.CantChange`

`vw_UserTemplate.RouteNDRTToSender`

`vw_UserTemplate.Undeletable`

`vw_UserTemplate.ReadOnly`

`vw_VMSTemplate.SystemTemplate`

`vw_VMSTemplateDisplay.SystemTemplate`

4.13. CallAction

Possible types of call action to take, e.g., hang-up, goto another object, etc.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Ignore		Ignore - no action taken.
1	Hangup		Hangup - the call is immediately terminated.
2	Goto		Goto - go to an object such as a call handler, directory handler or interview handler.
3	Error		Error - play the error greeting.
4	TakeMsg		Take a message.
5	SkipGreeting		Skip greeting.

Column References

The following list of table/view columns use this custom type:

[tbl_CallAction.Action](#)

[vw_CallAction.Action](#)

[vw_Callhandler.AfterMessage_Action](#)

[vw_CallhandlerNonPrimary.AfterMessage_Action](#)

[vw_CallhandlerPrimary.AfterMessage_Action](#)

[vw_CallhandlerPrimaryTemplate.AfterMessage_Action](#)

[vw_CallhandlerTemplate.AfterMessage_Action](#)

[vw_DirectoryHandler.Exit_Action](#)

[vw_DirectoryHandler.NoInput_Action](#)

[vw_DirectoryHandler.NoSelection_Action](#)

[vw_DirectoryHandler.Zero_Action](#)

[vw_Greeting.AfterGreeting_Action](#)

`vw_GreetingDisplay.AfterGreeting_Action`
`vw_InterviewHandler.AfterMessage_Action`
`vw_MenuEntry.Action`
`vw_RoutingRule.Route_Action`
`vw_Subscriber.Exit_Action`
`vw_SubscriberTemplate.Exit_Action`

4.14. CallHandlerHoldMode

Values for call holding, e.g. no, yes, or ask in transfer rule.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	No		No - Cisco Unity Connection prompts the caller to leave a message and allows the caller to dial another extension.
1	Yes		Yes - Cisco Unity Connection plays a prompt indicating that the extension is busy. The caller is put on hold. Note that this hold is not performed by the phone system.
2	Ask		Ask - Cisco Unity Connection gives the caller the options of holding, leaving a message, or dialing another extension.

Column References

The following list of table/view columns use this custom type:

[tbl_TransferOption.TransferHoldingMode](#)

[vw_TransferOption.TransferHoldingMode](#)

4.15. CallHandlerRNAAction

Action to take on Ring-No-Answer (RNA) condition.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Release		Release - release the call to the phone system.
1	PlayGreeting		Play greeting - after the number of rings (as defined by "TransferRings" column), pull back the call and transfer the call to the appropriate greeting.

Column References

The following list of table/view columns use this custom type:

[tbl_TransferOption.RnaAction](#)

[vw_TransferOption.RnaAction](#)

4.16. CcmIdType

Type of object a CCM id refers to

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	EndUser	End User	End User
1	ApplicationUser	Application User	Application User (such as Unity)
2	DirectoryNumber	Directory Number	Directory Number

Column References

The following list of table/view columns use this custom type:

[tbl_User.CcmIdType](#)

[vw_Subscriber.CcmIdType](#)

[vw_User.CcmIdType](#)

[vw_UserNonSubscriber.CcmIdType](#)

4.17. ClientMatterCode

A client matter code is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.

Additional Information

Data Type and Data Length

SQL Data Type/Length : varchar (40 characters)

Valid Length

Min: 0 characters

Max: 40 characters

Column References

The following list of table/view columns use this custom type:

[tbl_DtmfAccessId.ClientMatterCode](#)

[tbl_PersonalContact.ClientMatterCode](#)

[tbl_PersonalRule.ClientMatterCode](#)

[tbl_PhoneNumber.ClientMatterCode](#)

[tbl_UserSubscriber.ClientMatterCode](#)

[vw_DtmfAccessId.ClientMatterCode](#)

[vw_PersonalContact.ClientMatterCode](#)

[vw_PersonalContactPhoneNumber.ClientMatterCode](#)

[vw_PersonalRule.ClientMatterCode](#)

[vw_PersonalRuleDetail.ClientMatterCode](#)

[vw_PhoneNumber.ClientMatterCode](#)

[vw_Subscriber.ClientMatterCode](#)

[vw_SubscriberTemplate.ClientMatterCode](#)

4.18. ClockMode

The time format used for playing the message timestamps to a subscriber.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	SystemDefaultClock		The time format (12 or 24-hour) based on the 'system' setting.
1	HourClock12		Message timestamps are played to the subscriber using a 12-hour clock. For example, subscribers hear 1:00 PM when listening to a timestamp for a message left at 1:00 PM.
2	HourClock24		Message timestamps are played to the subscriber using a 24-hour clock. For example, subscribers hear 13:00 when listening to a timestamp for a message left at 1:00 PM.

Column References

The following list of table/view columns use this custom type:

[tbl_UserSubscriber.ClockMode](#)

[vw_Subscriber.ClockMode](#)

[vw_SubscriberTemplate.ClockMode](#)

4.19. CodecPreferenceRanking

The preference ranking for the codec in a media port group. These allow the user to specify for each port group (1) whether the code gets advertised, and (2) for SIP and PIMG the preference ranking. This is used to indicate the preferred wave format when initiating an outgoing call.

Additional Information

Values:

0: Don't advertise codec

1-2: Preference ranking with the highest number between all Codec Preferences being the most preferred. The CodecPreference with the highest number will be advertised in the SIP INVITE as "preferred." This applies to SIP integrations, including PIMG.

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Valid Integer Range

Min: 0 Max: 2

Column References

The following list of table/view columns use this custom type:

4.20. ComponentName

Used for the names of the various Unity components.

Additional Information

This is currently used by the config data stored procedures.

Data Type and Data Length

SQL Data Type/Length : `nvarchar (256 characters)`

Valid Length

Min: 1 characters

Max: 256 characters

Valid Characters

Regular Expression: `^[^\x00-\x1F\x7F]*$`

Expression Description:
Anything goes.

Column References

The following list of table/view columns use this custom type:

`tbl_Configuration.LastModifiedByComponent`

`vw_Configuration.LastModifiedByComponent`

`vw_Configuration_AdvSetting_Conversations.LastModifiedByComponent`

`vw_Configuration_AdvSetting_CPCA.LastModifiedByComponent`

`vw_Configuration_AdvSetting_Groupware.LastModifiedByComponent`

`vw_Configuration_AdvSetting_Reports.LastModifiedByComponent`

`vw_Configuration_AdvSetting_SA.LastModifiedByComponent`

`vw_Configuration_AdvSetting_SecureMessaging.LastModifiedByComponent`

`vw_Configuration_AdvSetting_SystemSetup.LastModifiedByComponent`

`vw_Configuration_AdvSetting_Telephony.LastModifiedByComponent`

`vw_Configuration_AdvSetting_TRaP.LastModifiedByComponent`

`vw_ConfigurationValue.LastModifiedByComponent`

4.21. ConfigurationFullName

Additional Information

Data Type and Data Length

SQL Data Type/Length : `lvarchar (380 characters)`

Valid Characters

Regular Expression: `^[^x00-\x1F\x7F]*$`

Expression Description:
Anything goes.

Valid Length

Min: 1 characters

Max: 512 characters

Column References

The following list of table/view columns use this custom type:

`tbl_Configuration.FullName`

`vw_Configuration.FullName`

`vw_Configuration_AdvSetting_Conversations.FullName`

`vw_Configuration_AdvSetting_CPCA.FullName`

`vw_Configuration_AdvSetting_Groupware.FullName`

`vw_Configuration_AdvSetting_Reports.FullName`

`vw_Configuration_AdvSetting_SA.FullName`

`vw_Configuration_AdvSetting_SecureMessaging.FullName`

`vw_Configuration_AdvSetting_SystemSetup.FullName`

`vw_Configuration_AdvSetting_Telephony.FullName`

`vw_Configuration_AdvSetting_TRaP.FullName`

`vw_ConfigurationValue.FullName`

4.22. ConfigurationName

Additional Information

Data Type and Data Length

SQL Data Type/Length : `lvarchar (256 characters)`

Valid Characters

Regular Expression: `^[^x00-x1F\x7F]*$`

Expression Description:
Anything goes.

Valid Length

Min: 1 characters

Max: 256 characters

Column References

The following list of table/view columns use this custom type:

[tbl_Configuration.Name](#)

[vw_Configuration.Name](#)

4.23. ConfigurationNodeType

Defines the data type of the value in a configuration data node.

Additional Information

Used in tbl_Configuration.

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	Null		The node contains a NULL value.
11	Bool		The node contains a bool type value.
3	Long		The node contains a long value.
4	Float		The node contains a float value.
7	Date		The node contains a date/time value.
8	String		The node contains a string value.
88	Guid		The node contains a GUID (unique identifier) value.

Column References

The following list of table/view columns use this custom type:

[tbl_Configuration.Type](#)

[vw_Configuration.Type](#)

[vw_Configuration_AdvSetting_Conversations.Type](#)

[vw_Configuration_AdvSetting_CPCA.Type](#)

[vw_Configuration_AdvSetting_Groupware.Type](#)

[vw_Configuration_AdvSetting_Reports.Type](#)

[vw_Configuration_AdvSetting_SA.Type](#)

[vw_Configuration_AdvSetting_SecureMessaging.Type](#)

[vw_Configuration_AdvSetting_SystemSetup.Type](#)

[vw_Configuration_AdvSetting_Telephony.Type](#)

[vw_Configuration_AdvSetting_TRaP.Type](#)

`vw_ConfigurationValue.Type`

4.24. ConversationName

The name of the conversation the subscriber uses to set up, send, and retrieve messages.

Additional Information

Prior to Unity 4.0(5), available subscriber conversations were hard coded and were restricted using the enumerated list properties of this custom type. The restrictions have been removed to enable new conversations to be added onto the system later.

Data Type and Data Length

SQL Data Type/Length : nvarchar (64 characters)

Valid Length

Min: 1 characters

Max: 64 characters

Valid Characters

Regular Expression: `^[^\x00-\x1F\x7F]*$`

Expression Description:
Any character (Unicode and ASCII).

Column References

The following list of table/view columns use this custom type:

[tbl_CallAction.TargetConversation](#)

[tbl_Conversation.ConversationName](#)

[tbl_NotificationDeviceConversation.Conversation](#)

[tbl_UserSubscriber.ConversationTui](#)

[tbl_UserSubscriber.ConversationVui](#)

[vw_CallAction.TargetConversation](#)

[vw_Callhandler.AfterMessage_TargetConversation](#)

[vw_CallhandlerNonPrimary.AfterMessage_TargetConversation](#)

[vw_CallhandlerPrimary.AfterMessage_TargetConversation](#)

[vw_CallhandlerPrimaryTemplate.AfterMessage_TargetConversation](#)

[vw_CallhandlerTemplate.AfterMessage_TargetConversation](#)

[vw_Conversation.ConversationName](#)

vw_DirectoryHandler.Exit_TargetConversation
vw_DirectoryHandler.NoInput_TargetConversation
vw_DirectoryHandler.NoSelection_TargetConversation
vw_DirectoryHandler.Zero_TargetConversation
vw_Greeting.AfterGreeting_TargetConversation
vw_GreetingDisplay.AfterGreeting_TargetConversation
vw_InterviewHandler.AfterMessage_TargetConversation
vw_MenuEntry.TargetConversation
vw_NotificationDevice.Conversation
vw_NotificationDeviceConversation.Conversation
vw_RoutingRule.Route_TargetConversation
vw_Subscriber.ConversationTui
vw_Subscriber.Exit_TargetConversation
vw_Subscriber.ConversationVui
vw_Subscriber.ConversationName
vw_SubscriberTemplate.ConversationTui
vw_SubscriberTemplate.Exit_TargetConversation
vw_SubscriberTemplate.ConversationVui

4.25. Credentials

The binary credential.

Additional Information

Data Type and Data Length

SQL Data Type/Length : varchar (254 characters)

Valid Length

Min: 0 characters

Max: 256 characters

Column References

The following list of table/view columns use this custom type:

[tbl_Credential.Credentials](#)

[vw_Credential.Credentials](#)

4.26. CredentialsString

The plain text credential that is passed to various credentials stored procedures.

Additional Information

Data Type and Data Length

SQL Data Type/Length : nvarchar (128 characters)

Valid Length

Min: 0 characters

Max: 128 characters

Column References

The following list of table/view columns use this custom type:

4.27. CredentialType

The type of credentials such as password, PIN, Windows or Domino.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	Windows		Windows credential.
2	Domino		Domino credential.
3	Password		Password (such as would be used with a GUI client).
4	Pin		PIN (as would be used over the phone via the TUI).

Column References

The following list of table/view columns use this custom type:

[tbl_AccountLogonPolicy.CredentialType](#)

[tbl_Credential.CredentialType](#)

[tbl_UserCredentialHistory.CredentialType](#)

[vw_Credential.CredentialType](#)

[vw_UserCredentialHistory.CredentialType](#)

4.28. DataCoding

Indicates the character set that each SMS message will be converted to when the messages are sent to the SMS device.

Additional Information

These coding schemes are common to GSM, TDMA and CDMA. The SMPP protocol allows ESME applications to use the same DCS value (i.e. the GSM 03.38 value) for all three technologies.

The data_coding parameter will evolve to specify Character code settings only.

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	DefaultAlphabet		Default Alphabet
1	ASCII		IA5/ASCII - 7-bit (Windows code page 20127 or 20105)
14	Korean		Korean (KS C 5601) - 16-bit (Windows code page 1361 or 949). Multi-bit character set: most characters are 16 bit; some are 8 bit.
3	Latin1		Latin1 (ISO-8859-1) - 8-bit (Windows code page 28591 or 1252)
5	Japanese		Japanese (JIS) - 16-bit (Windows code page 20932 or 932). Multi-bit character set: most characters are 16 bit; some are 8 bit.
6	Cyrillic		Cyrillic (ISO-8859-5) - 8-bit (Windows code page 28595 or 1251).
7	LatinHebrew		Latin/Hebrew (ISO-8859-8) - 8-bit (Windows code page 28598 or 1255).
8	USC2		Unicode (USC2) - 16-bit.

Column References

The following list of table/view columns use this custom type:

[tbl_SMPPProvider.data_coding](#)

[vw_SMPPProvider.data_coding](#)

4.29. DbEvent

Events used for the database change notification engine.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	UNKNOWN		
1	Connection_Start		
100	TableModify_User		
1000	Configuration_Modify		
1001	NotifyQ_Modify		
1002	Return_Receipt_Notify		
1003	Server_Role_RequestedState		
1004	LoggerDiagnostic-Grid_Modify		
1005	Server_Role_Status		Indicates that one of the following columns has changed
1006	RoutingRuleModify		A routing rule has changed
1007	RoutingRuleAddRemove		A routing rule has been added or deleted
1008	ImapQ_Create		The ImapQ has a new entry.
1009	ServiceMaxTrace_Modify		MaxTraceFileSize or MaxTraceFileNumber has been modified
101	TableModify_Mediaswitch		
1010	VPIM_PushDirectory		tbl_LocationVPIM.PushDirectory has been set to non-zero
1011	TableModify_AlternateName		tbl_AlternateName has been modified
102	TableModify_Mediaportgroup		
103	TableModify_Mediaport		
104	TableModify_Mediaremotesevice		
105	TableModify_Mediaportgroup_ipport		
106	TableModify_Mediaswitch_trunk		

Value	Name	Display Name	Description
107	TableModify_Locationvms		
108	TableModify_Vmserver		
109	TableModify_Waveformat		
110	TableModify_Mediaport_configstate		
111	TableModify_TaskPeriodic_Change		
112	TableModify_TaskPeriodic_Remove		
113	TableModify_IPPortReservation		The IPPortReservation table has been modified
114	TableModify_RtpCodecDef		
115	TableModify_RtpCodecDefPacketSize		
116	TableModify_MediaPortGroupCodec		
117	TableModify_LocationVPIM		Indicates that something reported by vw_LocationVPIM has changed
118	TableModify_SmtpServer		Indicates that something reported by vw_SmtpServer has changed
119	TableModify_Contact		tbl_Contact has been modified
120	TableModify_DistributionList		tbl_DistributionList has been modified
121	TableModify_LicenseStatus		tbl_LicenseStatus has been modified
122	TableModify_IpAddressAccessList		tbl_IpAddressAccessList has been modified
2	Connection_Stop		
3	Connection_Shutdown		
4	Connection_Reset		
99	Connection_LAST		Everything before this one gets sent to all subscribers regardless of whether they registered.

Column References

The following list of table/view columns use this custom type:

4.30. DeliveryDeviceType

Device type (Dial, Numeric Pager, SMTP, FAX)

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	Phone		Dialable phone device.
2	Pager		Numeric pager.
3	Fax		Fax (not used in Cisco Unity Connection).
4	SMTP		SMTP address.
5	SMS		SMS device.
7	MP3		MP3 Device.

Column References

The following list of table/view columns use this custom type:

[tbl_NotificationDevice.Type](#)

[vw_NotificationAllActiveDevices.DeviceType](#)

[vw_NotificationDevice.Type](#)

4.31. DestinationType

Destination type of a Location object.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	Unity		Cisco Unity Connection location.
2	SMTP		SMTP location.
5	AMIS		AMIS location.
7	Bridge		Cisco Unity Connection Bridge.
8	VPIM		VPIM location.

Column References

The following list of table/view columns use this custom type:

[tbl_Location.DestinationType](#)

[vw_LocalVms.DestinationType](#)

[vw_Location.DestinationType](#)

[vw_LocationVMS.DestinationType](#)

[vw_LocationVPIM.DestinationType](#)

4.32. DialablePhoneNumber

Phone number that can be dialed.

Additional Information

Currently restricted to digits since we cannot dial SIP numbers.

PhoneNumber_E123 was only 40 chars so created this one at 255 chars.

Data Type and Data Length

SQL Data Type/Length : varchar (255 characters)

Valid Characters

Regular Expression: `^[0-9Tt#\[*,.]*$`

Expression Description:
Digit, T, hash, *, or comma.

Column References

The following list of table/view columns use this custom type:

[tbl_PersonalContactPhone.DialablePhoneNumber](#)

[tbl_PhoneNumber.DialablePhoneNumber](#)

[vw_PersonalContactPhone.DialablePhoneNumber](#)

[vw_PersonalContactPhoneNumber.DialablePhoneNumber](#)

[vw_PhoneNumber.DialablePhoneNumber](#)

4.33. DirectoryId

Identifier for an object in the corporate directory - format varies depending on Active Directory or Domino

Additional Information

This will be used in tbl_User for PA functionality.

We may be able to limit this, but it's difficult - it will depend on the directory. Best to let anything characters in for now.

Data Type and Data Length

SQL Data Type/Length : lvarchar (2048 characters)

Valid Characters

Regular Expression: `^[^\\x00-\\x1F\\x7F]*$`

Expression Description:

Any character (ASCII and Unicode) except for non-printing ASCII characters.

Valid Length

Min: 0 characters

Max: 2048 characters

Column References

The following list of table/view columns use this custom type:

[tbl_Contact.DirectoryId](#)

[tbl_DistributionListSet.DistributionListDirectoryId](#)

[tbl_DistributionListSetMember.MemberDirectoryId](#)

[tbl_PersonalContact.DirectoryId](#)

[tbl_ScheduleDetail.DirectoryId](#)

[tbl_User.DirectoryId](#)

[vw_Contact.DirectoryId](#)

[vw_PersonalContact.DirectoryId](#)

[vw_PersonalContactPhoneNumber.DirectoryId](#)

[vw_ScheduleDetail.DirectoryId](#)

[vw_Subscriber.DirectoryId](#)

[vw_SubscriberContact.DirectoryId](#)

`vw_User.DirectoryId`

`vw_UserNonSubscriber.DirectoryId`

4.34. DisplayName

The preferred name for an object such as a user, distribution list, personal contact, credential policy, etc. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Additional Information

Data Type and Data Length

SQL Data Type/Length : nvarchar (64 characters)

Valid Length

Min: 1 characters

Max: 64 characters

Valid Characters

Regular Expression: `^[^\x00-\x1F\x7F]*$`

Expression Description:

Any character (ASCII and Unicode) except non-printing ASCII characters.

Column References

The following list of table/view columns use this custom type:

`tbl_Agency.DisplayName`

`tbl_Contact.DisplayName`

`tbl_Cos.DisplayName`

`tbl_CredentialPolicy.DisplayName`

`tbl_DistributionList.DisplayName`

`tbl_Handler.DisplayName`

`tbl_Location.DisplayName`

`tbl_MediaPortGroup.DisplayName`

`tbl_MediaRemoteService.DisplayName`

`tbl_MediaSwitch.DisplayName`

`tbl_MediaSwitchManufacturer.DisplayName`

`tbl_MediaSwitchModel.DisplayName`

`tbl_Nickname.CanonicalName`

tbl_Nickname.Nickname
tbl_NotificationDevice.DisplayName
tbl_NotificationMwi.DisplayName
tbl_NotificationRule.DisplayName
tbl_PersonalContact.DisplayName
tbl_PersonalDestination.Name
tbl_PersonalDestinationGroup.Name
tbl_PersonalGroup.DisplayName
tbl_PersonalRuleSet.Name
tbl_RestrictionTable.DisplayName
tbl_RoutingRule.DisplayName
tbl_RtpCodecDef.DisplayName
tbl_Schedule.DisplayName
tbl_ScheduleSet.DisplayName
tbl_Service.DisplayName
vw_Agency.DisplayName
vw_CallerGroup.DisplayName
vw_Callhandler.DisplayName
vw_CallhandlerNonPrimary.DisplayName
vw_CallhandlerNonPrimary_List.DisplayName
vw_CallhandlerPrimary.DisplayName
vw_CallhandlerPrimaryTemplate.DisplayName
vw_CallhandlerTemplate.DisplayName
vw_chk_MediaPortGroup_DupCCMServers.DisplayName
vw_chk_MediaPortGroup_DupCCMTFTPServers.DisplayName
vw_chk_MediaPortGroup_DupSIPProxyServers.DisplayName
vw_chk_MediaPortGroup_NoCCMServers.DisplayName
vw_chk_MediaPortGroup_NoCCMTFTPServers.DisplayName
vw_chk_MediaPortGroup_NoCodecs.DisplayName
vw_chk_MediaPortGroup_NoMWIONOffCodes.DisplayName

vw_chk_MediaPortGroup_NoPIMGRemoteService.DisplayName
vw_chk_MediaPortGroup_NoPorts.DisplayName
vw_chk_MediaPortGroup_NoSIPProxyServers.DisplayName
vw_chk_MediaPortGroup_NoUnitySIPPort.DisplayName
vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange.MediaPortGroupDisplayName
vw_chk_MediaSwitch_DupCCMAXLServers.DisplayName
vw_chk_MediaSwitch_DupPIMG.DisplayName
vw_chk_MediaSwitch_MediaPortExtensionDuplicated.DisplayName
vw_chk_MediaSwitch_MediaPortHuntOrderDuplicated.DisplayName
vw_chk_MediaSwitch_NoMWI.DisplayName
vw_chk_MediaSwitch_NoPortsAnswer.DisplayName
vw_chk_MediaSwitch_NoPortsNotification.DisplayName
vw_chk_MediaSwitch_NoPortsTRaP.DisplayName
vw_chk_MediaSwitch_PortGroupsMismatchedMwiReqPortSpecific.DisplayName
vw_Contact.DisplayName
vw_Cos.DisplayName
vw_Cos_Licensed.DisplayName
vw_Cos_List.DisplayName
vw_CredentialPolicy.DisplayName
vw_DirectoryHandler.DisplayName
vw_DirectoryHandler_List.DisplayName
vw_DistributionList.DisplayName
vw_DistributionList_List.DisplayName
vw_Handler.DisplayName
vw_InterviewHandler.DisplayName
vw_InterviewHandler_List.DisplayName
vw_LocalVms.DisplayName
vw_Location.DisplayName
vw_LocationVMS.DisplayName
vw_LocationVPIM.DisplayName

vw_MediaPort_UsingMediaPortGroupIPPort.MediaPortGroupDisplayName
vw_MediaPort_UsingMediaRemoteService.MediaPortGroupDisplayName
vw_MediaPortGroup.DisplayName
vw_MediaPortGroup_PortCountOnVmsServer.DisplayName
vw_MediaPortGroupCodec.RtpCodecDefDisplayName
vw_MediaRemoteService.DisplayName
vw_MediaSwitch.DisplayName
vw_MediaSwitchManufacturer.DisplayName
vw_MediaSwitchModel.DisplayName
vw_MediaSwitchTrunk.FromMediaSwitchDisplayName
vw_MediaSwitchTrunk.ToMediaSwitchDisplayName
vw_Nickname.CanonicalName
vw_Nickname.Nickname
vw_NotificationAllActiveDevices.MwiDisplayName
vw_NotificationAllActiveDevices.DeviceDisplayName
vw_NotificationAllActiveDevices.RuleDisplayName
vw_NotificationDevice.DisplayName
vw_NotificationDevice.MediaSwitchDisplayName
vw_NotificationDeviceConversation.DisplayName
vw_NotificationDevicePager.DisplayName
vw_NotificationDeviceSMS.DisplayName
vw_NotificationDeviceSMTP.DisplayName
vw_NotificationMwi.DisplayName
vw_NotificationRule.DisplayName
vw_PersonalContact.DisplayName
vw_PersonalContactPhoneNumber.DisplayName
vw_PersonalDestination.Name
vw_PersonalDestinationGroup.Name
vw_PersonalDestinationGroupItemDetail.PersonalDestinationGroupName
vw_PersonalGroup.DisplayName

vw_PersonalGroupMemberDetail.PersonalGroupDisplayName
vw_PersonalRuleDetail.PersonalRuleSetName
vw_PersonalRuleSet.Name
vw_PersonalVoiceMailList.DisplayName
vw_RestrictionTable.DisplayName
vw_RoutingRule.DisplayName
vw_RoutingRule.Route_TargetHandlerDisplayName
vw_RtpCodecDef.DisplayName
vw_Schedule.DisplayName
vw_ScheduleSet.DisplayName
vw_Service.DisplayName
vw_Subscriber_MediaSwitchAssocCounts.MediaSwitchDisplayName
vw_Subscriber_MediaSwitchAssocCounts_NonEmpty.MediaSwitchDisplayName
vw_SubscriberContact.DisplayName

4.35. DisplayNameRule

The format for generating the display name of a new user.

Additional Information

The rule for automatically generating the displayname normally uses the User "FirstName" and "LastName" columns.

If neither the user firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
1	FirstLast		First name, then last name.
2	LastFirst		Last name, then first name.

Column References

The following list of table/view columns use this custom type:

[tbl_UserTemplate.DisplayNameRule](#)

[vw_SubscriberTemplate.DisplayNameRule](#)

[vw_UserTemplate.DisplayNameRule](#)

4.36. DomainName

The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This may be in the format of a "host name" or FQDN.

Additional Information

The syntax specification defined by the Messaging Team for this column is based on RFC 1035 (Domain Names - Implementation and Specification) and RFC 2282 (Internet Message Format). The syntax allows "host name" and FQDN as valid domain name.

Syntax Specification:

Domain Name (Max size : 255)

```
<domain> ::= <subdomain> | " "
<subdomain> ::= <label> | <subdomain> "." <label>
<label> ::= <letter> [ [ <ldh-str> ] <let-dig> ]
<ldh-str> ::= <let-dig-hyp> | <let-dig-hyp> <ldh-str>
<let-dig-hyp> ::= <let-dig> | "-"
```

The labels must follow the rules for ARPANET host names. They must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.

Data Type and Data Length

SQL Data Type/Length : varchar (255 characters)

Valid Length

Min: 1 characters

Max: 255 characters

Valid Characters

Regular Expression: `^[a-zA-Z](\[a-zA-Z\d]*[a-zA-Z\d])?.)([a-zA-Z\d])+$`

Expression Description:

```
<domain> ::= <subdomain> | " "
<subdomain> ::= <label> | <subdomain> "." <label>
<label> ::= <letter> [ [ <ldh-str> ] <let-dig> ]
<ldh-str> ::= <let-dig-hyp> | <let-dig-hyp> <ldh-str>
<let-dig-hyp> ::= <let-dig> | "-"
```

The labels must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.

Column References

The following list of table/view columns use this custom type:

[tbl_Location.SmtDomain](#)

[tbl_SmtServer.DomainName](#)

`vw_LocalVms.SmtDomain`

`vw_Location.SmtDomain`

`vw_LocationVMS.SmtDomain`

`vw_LocationVPIM.SmtDomain`

`vw_SmtServer.DomainName`

4.37. DSCP

Differentiated Services Code Point (DSCP) valid values

Additional Information

See RFC 2474, RFC 2597, and RFC 3246

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	DefaultDSCP	Default DSCP (000000)	Default DSCP
10	AF11	AF11 (001010)	AF11
12	AF12	AF12 (001100)	AF12
14	AF13	AF13 (001110)	AF13
16	CS2	CS2 - Precedence 2 (010000)	CS2
18	AF21	AF21 (010010)	AF21
20	AF22	AF22 (010100)	AF22
22	AF23	AF23 (010110)	AF23
24	CS3	CS3 - Precedence 3 (011000)	CS3
26	AF31	AF31 (011010)	AF31
28	AF32	AF32 (011100)	AF32
30	AF33	AF33 (011110)	AF33
32	CS4	CS4 - Precedence 4 (100000)	CS4
34	AF41	AF41 (100010)	AF41
36	AF42	AF42 (100100)	AF42
38	AF43	AF43 (100110)	AF43
40	CS5	CS5 - Precedence 5 (101000)	CS5
46	EF	EF (101110)	EF
48	CS6	CS6 - Precedence 6 (110000)	CS6
56	CS7	CS7 - Precedence 7 (111000)	CS7
8	CS1	CS1 - Precedence 1 (001000)	CS1

Column References

The following list of table/view columns use this custom type:

4.38. DtmfAccessId

An extension number for a subscriber, call handler, distribution list, location, etc.

Additional Information

The extension may be in the format of a number or an alias for a SIP URL. Spaces, hyphens and parentheses are not allowed. For SIP integrations, if the URL is "SIP:aabade@cisco.com," the extension would contain "aabade."

We may need to increase the size of this to better accommodate SIP phone numbers.

Data Type and Data Length

SQL Data Type/Length : nvarchar (40 characters)

Valid Characters

Regular Expression: `^[a-zA-Z0-9\-\.\@\,\;\+\\|\%\"?\"(\)\~*]*$`

Expression Description:

Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.

Valid Length

Min: 1 characters

Max: 40 characters

Column References

The following list of table/view columns use this custom type:

[tbl_DtmfAccessId.DtmfAccessId](#)

[tbl_UserSubscriber.XferString](#)

[vw_Callhandler.DtmfAccessId](#)

[vw_CallhandlerNonPrimary.DtmfAccessId](#)

[vw_CallhandlerPrimary.DtmfAccessId](#)

[vw_Contact.DtmfAccessId](#)

[vw_Contact.DeliveryLocationDtmfAccessId](#)

[vw_DirectoryHandler.DtmfAccessId](#)

[vw_DistributionList.DtmfAccessId](#)

[vw_DtmfAccessId.DtmfAccessId](#)

[vw_InterviewHandler.DtmfAccessId](#)

[vw_LocalVms.DtmfAccessId](#)

vw_Location.DtmfAccessId
vw_LocationVMS.DtmfAccessId
vw_LocationVPIM.DtmfAccessId
vw_NotificationAllActiveDevices.DtmfAccessId
vw_Subscriber.XferString
vw_Subscriber.DtmfAccessId
vw_Subscriber_PrimaryDtmf.DtmfAccessId
vw_SubscriberContact.DtmfAccessId
vw_SubscriberPolicy.dtmfaccessid
vw_User.DtmfAccessId
vw_UserNonSubscriber.DtmfAccessId

4.39. DtmfAccessIdType

Type of DtmfAccessId.

Additional Information

This can be the primary extension for an object, a alternate extension for a subscriber defined by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager, or a subscriber defined alternate extension.

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Primary		The primary DtmfAccessId for an object.
1	AlternateAdminDefined		An administrator defined alternate extension for a subscriber.
2	AlternateSubscriberDefined		Subscriber defined alternate extension for a subscriber.

Column References

The following list of table/view columns use this custom type:

4.40. DtmfColumn

The designation DTMF 4th column tones.

Additional Information

Data Type and Data Length

SQL Data Type/Length : nvarchar (16 characters)

Possible Values

Value	Name	Display Name	Description
A	A		DTMF 'A' 4th column. (1633Hz/697Hz tone)
B	B		DTMF 'B' 4th column. (1633Hz/770Hz tone)
C	C		DTMF 'C' 4th column. (1633Hz/852Hz tone)
D	D		DTMF 'D' 4th column. (1633Hz/941Hz tone)

Column References

The following list of table/view columns use this custom type:

[tbl_MediaSwitch.CallLoopDTMF](#)

[vw_MediaSwitch.CallLoopDTMF](#)

4.41. DtmfName

Digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the names of users, distribution lists, groups, etc. Digits that would need to be dialed to search for and address the object over the TUI.

Additional Information

Data Type and Data Length

SQL Data Type/Length : varchar (16 characters)

Valid Characters

Regular Expression: `^[0-9]*$`

Expression Description:
Numeric digits 0-9.

Valid Length

Min: 0 characters

Max: 16 characters

Column References

The following list of table/view columns use this custom type:

`tbl_Contact.DtmfNameFirstLast`

`tbl_Contact.DtmfNameLastFirst`

`tbl_DistributionList.DtmfName`

`tbl_Location.DtmfName`

`tbl_PersonalGroup.DtmfName`

`tbl_User.DtmfNameFirstLast`

`tbl_User.DtmfNameLastFirst`

`tbl_User.DtmfNameFirst`

`tbl_User.DtmfNameLast`

`vw_Contact.DtmfNameFirstLast`

`vw_Contact.DtmfNameLastFirst`

`vw_DistributionList.DtmfName`

`vw_LocalVms.DtmfName`

vw_Location.DtmfName
vw_LocationVMS.DtmfName
vw_PersonalGroup.DtmfName
vw_PersonalVoiceMailList.DtmfName
vw_Subscriber.DtmfNameFirstLast
vw_Subscriber.DtmfNameLastFirst
vw_Subscriber.DtmfNameFirst
vw_Subscriber.DtmfNameLast
vw_SubscriberContact.DtmfNameFirstLast
vw_SubscriberContact.DtmfNameLastFirst
vw_User.DtmfNameFirstLast
vw_User.DtmfNameLastFirst
vw_User.DtmfNameFirst
vw_User.DtmfNameLast
vw_UserNonSubscriber.DtmfNameFirstLast
vw_UserNonSubscriber.DtmfNameLastFirst
vw_UserNonSubscriber.DtmfNameFirst
vw_UserNonSubscriber.DtmfNameLast

4.42. EmailAddress

General email address. Used for email addresses that are not generated by Connection such as those input by a user or administrator, and those imported from an external source.

Additional Information

It is common that email addresses are imported from external sources such as Exchange or other groupware apps. To ensure that the import of entities such as PersonalContacts is successful, no data or format validation of the email address is performed. This is in sync with CM, which also does not perform any database data validation on the enduser.mailid column.

Data Type and Data Length

SQL Data Type/Length : `lvvarchar (320 characters)`

Valid Length

Min: 0 characters

Max: 320 characters

Column References

The following list of table/view columns use this custom type:

[tbl_NotificationDeviceSMTP.SmtpAddress](#)

[tbl_PersonalContact.EmailAddress](#)

[tbl_User.EmailAddress](#)

[vw_NotificationDevice.SmtpAddress](#)

[vw_NotificationDeviceSMTP.SmtpAddress](#)

[vw_PersonalContact.EmailAddress](#)

[vw_PersonalContactPhoneNumber.EmailAddress](#)

[vw_Subscriber.EmailAddress](#)

[vw_User.EmailAddress](#)

[vw_UserNonSubscriber.EmailAddress](#)

4.43. EncryptionType

Encryption type

Additional Information

Identifies the type of encryption used, mainly for credentials.

Hash type is sometimes unknown depending on the upgrade chain, since we didn't begin tracking this until CUC 2.0.

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	UNKNOWN	Unknown	Unknown encryption method
1	HASH_MD5	MD5	MD5 hash
2	HASH_SHA1	SHA1	SHA1 hash
3	HASH_IMS	IMS	IMS generated hash
4	REVERSIBLE	Reversible	Reversible encryption used
5	NONE	None	No encryption

Column References

The following list of table/view columns use this custom type:

[tbl_Credential.EncryptionType](#)

[vw_Credential.EncryptionType](#)

4.44. FileName

The name of a file in the file system such as the name of protocol file used by the MIU component. The complete path to the file is calculated by combining this file name with the directory (configured elsewhere).

Additional Information

The length and data validation criteria is based on the C++ Boost Portability Guide.
http://www.boost.org/libs/filesystem/doc/portability_guide.htm

Data Type and Data Length

SQL Data Type/Length : varchar (255 characters)

Valid Length

Min: 1 characters

Max: 255 characters

Valid Characters

Regular Expression: `^([a-zA-Z0-9_][a-zA-Z0-9\._-]{1,255}[a-zA-Z0-9_-]$)*`

Expression Description:

Follow Boost guidelines for portability:

- * ASCII only alphabetic and numeric digits.
- * Special characters period, hyphen and underscore allowed except first character cannot be a period or hyphen, and the last character cannot be a period.

Column References

The following list of table/view columns use this custom type:

4.45. FileNameGuid

The name of a file such as the name of a WAV file containing a subscriber recorded name or a greeting. The name is a GUID stored as string. The complete path to the file is calculated by combining this file name with the directory (configured elsewhere).

Additional Information

Data Type and Data Length

SQL Data Type/Length : varchar (40 characters)

Valid Length

Min: 1 characters

Max: 40 characters

Column References

The following list of table/view columns use this custom type:

[tbl_StreamFile.FileName](#)

[vw_BroadcastMessage.StreamFile](#)

[vw_CallerGroup.VoiceName](#)

[vw_Callhandler.VoiceName](#)

[vw_CallhandlerNonPrimary.VoiceName](#)

[vw_CallhandlerPrimary.VoiceName](#)

[vw_CallhandlerPrimaryTemplate.VoiceName](#)

[vw_CallhandlerTemplate.VoiceName](#)

[vw_Contact.VoiceName](#)

[vw_DirectoryHandler.VoiceName](#)

[vw_DistributionList.VoiceName](#)

[vw_GreetingStreamFile.StreamFile](#)

[vw_Handler.VoiceName](#)

[vw_InterviewHandler.VoiceName](#)

[vw_LocalVms.VoiceName](#)

[vw_Location.VoiceName](#)

[vw_LocationVMS.VoiceName](#)

vw_LocationVPIM.VoiceName
vw_PersonalGroup.VoiceName
vw_PersonalVoiceMailList.VoiceName
vw_StreamFile.FileName
vw_Subscriber.VoiceName
vw_Subscriber_VoiceFileName.Filename
vw_SubscriberTemplate.VoiceName
vw_User.VoiceName
vw_UserNonSubscriber.VoiceName

4.46. ForcedAuthorizationCode

A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.

Additional Information

Data Type and Data Length

SQL Data Type/Length : varchar (40 characters)

Valid Length

Min: 1 characters

Max: 40 characters

Column References

The following list of table/view columns use this custom type:

[tbl_UserSubscriber.ForcedAuthorizationCode](#)

[vw_Subscriber.ForcedAuthorizationCode](#)

[vw_SubscriberTemplate.ForcedAuthorizationCode](#)

4.47. GreetingRuleName

The names of the Messaging Rules for a Call Handler.

Additional Information

Data Type and Data Length

SQL Data Type/Length : nvarchar (12 characters)

Possible Values

Value	Name	Display Name	Description
Alternate	SZAlternate	Alternate	Alternate - can be used for a variety of special situations, such as vacations, leave of absence, or a holiday. An alternate greeting overrides all other greetings.
Busy	SZBusy	Busy	Busy - plays when the extension is busy. A busy greeting overrides the standard, off hours, and internal greetings.
Error	SZError	Error	Error - plays when a caller attempts to dial an extension that does not exist on the system during a greeting.
Holiday	SZHoliday	Holiday	Holiday - plays when holiday schedule is encountered unless overridden by an alternate greeting.
Internal	SZInternal	Internal	Internal - plays to internal callers only. An internal greeting overrides the standard and off hours greetings.
Off Hours	SZOffHours	Closed	Off hours - plays during the closed (nonbusiness) hours defined for the active schedule. An off hours greeting overrides the standard greeting, and thus limits the standard greeting to the open hours defined for the active schedule.
Standard	SZStandard	Standard	Standard - plays at all times unless overridden by another greeting. You cannot disable the standard greeting.

Column References

The following list of table/view columns use this custom type:

[tbl_Greeting.GreetingType](#)

tbl_GreetingStreamFile.GreetingType

vw_Greeting.GreetingType

vw_GreetingDisplay.GreetingType

vw_GreetingStreamFile.GreetingType

4.48. IPAddress

An IPv4 address.

Additional Information

IPv6 addresses not permitted yet.

Data Type and Data Length

SQL Data Type/Length : varchar (40 characters)

Valid Characters

Regular Expression:
^0*([1-9]?[d|1\d|2[0-4]\d|25[0-5])\.0*([1-9]?[d|1\d|2[0-4]\d|25[0-5])\.0*([1-9]?[d|1\d|2[0-4]\d|25[0-5])\.0*([1-9]?[d|1\d|2[0-4]\d|25[0-5])\$

Expression Description:

IPv4 Address= X.X.X.X where X=0..255. Allows the use of leading zeros. For example, 019.021.055.001

Column References

The following list of table/view columns use this custom type:

[tbl_LocationVPIM.IPAddress](#)

[tbl_VMSServer.IPAddress](#)

[vw_LocationVPIM.IPAddress](#)

[vw_VMSServer.IPAddress](#)

4.49. IPPortPurpose

Purposes for which an IP port may be used.

Additional Information

Not all purposes need to be defined here, only those for which there are entries in tables that use this custom type.

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
505	SIP	SIP	Incoming SIP call control to establish media session
506	SIP_SEND	SIPSEND	Outgoing SIP UDP
507	RTP_RTCP	RTP/RTCP	RTP and RTCP
508	SMTP	SMTP	All SMTP traffic

Column References

The following list of table/view columns use this custom type:

[tbl_IPPortReservation.Purpose](#)

[tbl_MediaPortGroupIPPort.IpPortPurposeEnum](#)

[vw_IPPortReservation.Purpose](#)

[vw_MediaPort_UsingMediaPortGroupIPPort.IpPortPurposeEnum](#)

[vw_MediaPortGroupIPPort.IpPortPurposeEnum](#)

4.50. JavaLogLevel

Java log level.

Additional Information

For storing Log4j log level settings.

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	ALL	All	All
1	DEBUG	Debug	Debug
2	INFO	Info	Info
3	WARN	Warn	Warn
4	ERROR	Error	Error
5	FATAL	Fatal	Fatal
6	OFF	Off	Off

Column References

The following list of table/view columns use this custom type:

[tbl_LoggerJavaMapping.OnLevel](#)

[tbl_LoggerJavaMapping.OffLevel](#)

[vw_LoggerJavaMapping.OnLevel](#)

[vw_LoggerJavaMapping.OffLevel](#)

4.51. KeypadMap

Assigns the letters "Q" and "Z" to numeric keys on the phone touchtone key.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
1	Map1		Map 1 - letter Q is mapped to the 7 key, Z to the 9 key.
2	Map2		Map 2 - letters Q and Z are mapped to the 1 key.
3	Map3		Map 3 - letters Q and Z are mapped to the 0 key.

Column References

The following list of table/view columns use this custom type:

[tbl_LocationVMS.KeypadMapId](#)

[vw_LocalVms.KeypadMapId](#)

[vw_LocationVMS.KeypadMapId](#)

4.52. LanguageCode

The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.

Additional Information

For Windows 2003, valid values range from 1024 to 58378.

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
10241	ArabicSyria		Arabic_Syria 10241
10249	EnglishBelize		English_Belize 10249
1025	ArabicSaudiArabia		Arabic_Saudi_Arabia 1025
10250	SpanishPeru		Spanish_Peru 10250
1026	Bulgarian		Bulgarian 1026
1027	Catalan		Catalan 1027
1028	ChineseTaiwan		Chinese_Taiwan 1028
1029	Czech		Czech 1029
1030	Danish		Danish 1030
1031	GermanStandard		German_Standard 1031
1032	Greek		Greek 1032
1033	EnglishUnitedStates		English_United_States 1033
1034	SpanishTraditionalSort		Spanish_Traditional_Sort 1034
1035	Finnish		Finnish 1035
1036	FrenchStandard		French_Standard 1036
1037	Hebrew		Hebrew 1037
1038	Hungarian		Hungarian 1038
1039	Icelandic		Icelandic 1039
1040	ItalianStandard		Italian_Standard 1040
1041	Japanese		Japanese 1041
1042	Korean		Korean 1042
1043	DutchStandard		Dutch_Standard 1043
1044	NorwegianBokmal		Norwegian_Bokmal 1044
1045	Polish		Polish 1045
1046	PortugueseBrazilian		Portuguese_Brazilian 1046
1047	RhaetoRomanic		Rhaeto-Romanic 1047

Value	Name	Display Name	Description
1048	Romanian		Romanian 1048
1049	Russian		Russian 1049
1050	Croatian		Croatian 1050
1051	Slovak		Slovak 1051
1052	Albanian		Albanian 1052
1053	Swedish		Swedish 1053
1054	Thai		Thai 1054
1055	Turkish		Turkish 1055
1056	Urdu		Urdu 1056
1057	Indonesian		Indonesian 1057
1058	Ukrainian		Ukrainian 1058
1059	Belarusian		Belarusian 1059
1060	Slovenian		Slovenian 1060
1061	Estonian		Estonian 1061
1062	Latvian		Latvian 1062
1063	Lithuanian		Lithuanian 1063
1065	Farsi		Farsi 1065
1066	Vietnamese		Vietnamese 1066
1067	Armenian		Armenian 1067
1068	AzeriLatin		Azeri_Latin 1068
1069	Basque		Basque 1069
1070	Sorbian		Sorbian 1070
1071	Macedonian		Macedonian 1071
1072	Sutu		Sutu 1072
1073	Tsonga		Tsonga 1073
1074	Tswana		Tswana 1074
1076	Xhosa		Xhosa 1076
1077	Zulu		Zulu 1077
1078	Afrikaans		Afrikaans 1078
1079	Georgian		Georgian 1079
1080	Faeroese		Faeroese 1080
1081	Hindi		Hindi 1081
1082	Maltese		Maltese 1082
1084	GaelicScots		Gaelic (Scots) 1084
1085	Yiddish		Yiddish 1085
1086	MalayMalaysia		Malay_Malaysia 1086
1087	Kazakh		Kazakh 1087
1088	Kyrgyz		Kyrgyz 1088
1089	Swahili		Swahili 1089
1091	UzbekLatin		Uzbek_Latin 1091

Value	Name	Display Name	Description
1092	Tatar		Tatar 1092
1094	Punjabi		Punjabi 1094
1095	Gujarati		Gujarati 1095
1097	Tamil		Tamil 1097
1098	Telugu		Telugu 1098
1099	Kannada		Kannada 1099
1102	Marathi		Marathi 1102
1103	Sanskrit		Sanskrit 1103
1104	Mongolian		Mongolian 1104
1110	Galician		Galician 1110
1111	Konkani		Konkani 1111
1114	Syriac		Syriac 1114
1125	Divehi		Divehi 1125
11265	ArabicJordan		Arabic_Jordan 11265
11273	EnglishTrinidad		English_Trinidad 11273
11274	SpanishArgentina		Spanish_Argentina 11274
12289	ArabicLebanon		Arabic_Lebanon 12289
12297	EnglishZimbabwe		English_Zimbabwe 12297
12298	SpanishEcuador		Spanish_Ecuador 12298
13313	ArabicKuwait		Arabic_Kuwait 13313
13321	EnglishPhilippines		English_Philippines 13321
13322	SpanishChile		Spanish_Chile 13322
14337	ArabicUAE		Arabic_UAE 14337
14346	SpanishUruguay		Spanish_Uruguay 14346
15361	ArabicBahrain		Arabic_Bahrain 15361
15370	SpanishParaguay		Spanish_Paraguay 15370
16385	ArabicQatar		Arabic_Qatar 16385
16394	SpanishBolivia		Spanish_Bolivia 16394
17418	SpanishElSalvador		Spanish_El_Salvador 17418
18442	SpanishHonduras		Spanish_Honduras 18442
19466	SpanishNicaragua		Spanish_Nicaragua 19466
2049	ArabicIraq		Arabic_Iraq 2049
20490	SpanishPuertoRico		Spanish_Puerto_Rico 20490
2052	ChinesePRC		Chinese_PRC 2052
2055	GermanSwiss		German_Swiss 2055
2057	EnglishUnitedKingdom		English_United_Kingdom 2057
2058	SpanishMexican		Spanish_Mexican 2058
2060	FrenchBelgian		French_Belgian 2060
2064	ItalianSwiss		Italian_Swiss 2064
2067	DutchBelgian		Dutch_Belgian 2067

Value	Name	Display Name	Description
2068	NoewegianNynorsk		Norwegian_Nynorsk 2068
2070	PortugeseStandard		Portuguese_Standard 2070
2072	RomanianMoldavia		Romanian (Moldavia) 2072
2073	RussianMoldavia		Russian (Moldavia) 2073
2074	SerbianLatin		Serbian_Latin 2074
2077	SwedishFinland		Swedish_Finland 2077
2092	AzeriCyrillic		Azeri_Cyrillic 2092
2110	MalayBruneiDarussalam		Malay_Brunei_Darussalam 2110
2115	UzbekCyrillic		Uzbek_Cyrillic 2115
3073	ArabicEgypt		Arabic_Egypt 3073
3076	ChineseHongKong		Chinese_Hong_Kong 3076
3079	GermanAustrian		German_Austrian 3079
3081	EnglishAustralian		English_Australian 3081
3082	SpanishModernSort		Spanish_Modern_Sort 3082
3084	FrenchCandian		French_Canadian 3084
3098	SerbianCyrillic		Serbian_Cyrillic 3098
33801	ENX	ENX	Special code for hearing impaired phones
4097	ArabicLibya		Arabic_Libya 4097
4100	ChineseSingapore		Chinese_Singapore 4100
4103	GermanLuxembourg		German_Luxembourg 4103
4105	EnglishCandian		English_Canadian 4105
4106	SpanishGuatemala		Spanish_Guatemala 4106
4108	FrenchSwiss		French_Swiss 4108
5121	ArabicAlgeria		Arabic_Algeria 5121
5124	ChineseMacau		Chinese_Macau 5124
5127	GermanLiechtenstein		German_Liechtenstein 5127
5129	EnglishNewZealand		English_New_Zealand 5129
5130	SpanishCostaRica		Spanish_Costa_Rica 5130
5132	FrenchLuxembourg		French_Luxembourg 5132
6145	ArabicMorocco		Arabic_Morocco 6145
6153	EnglishIreland		English_Ireland 6153
6154	SpanishPanama		Spanish_Panama 6154
6156	FrenchMonaco		French_Monaco 6156
7169	ArabicTunisia		Arabic_Tunisia 7169
7177	EnglishSouthAfrica		English_South_Africa 7177
7178	SpanishDominicanRepublic		Spanish_Dominican_Republic 7178
8193	ArabicOman		Arabic_Oman 8193
8201	EnglishJamaica		English_Jamaica 8201
8202	SpanishVenezuela		Spanish_Venezuela 8202

Value	Name	Display Name	Description
9217	ArabicYemen		Arabic_Yemen 9217
9225	EnglishCaribbean		English_Caribbean 9225
9226	SpanishColumbia		Spanish_Colombia 9226

Column References

The following list of table/view columns use this custom type:

`tbl_GreetingStreamFile.LanguageCode`

`tbl_Handler.Language`

`tbl_InstalledLanguage.LanguageCode`

`tbl_LanguageMap.LanguageCode`

`tbl_LocalizedText.LanguageCode`

`tbl_LocationVMS.DefaultLanguage`

`tbl_LocationVMS.DefaultTTSLanguage`

`tbl_RoutingRule.LanguageCode`

`tbl_User.Language`

`vw_CallActionParentObjectMap.LanguageCode`

`vw_Callhandler.Language`

`vw_CallhandlerNonPrimary.Language`

`vw_CallhandlerPrimary.Language`

`vw_CallhandlerPrimaryTemplate.Language`

`vw_CallhandlerTemplate.Language`

`vw_Conversation.LanguageCode`

`vw_DirectoryHandler.Language`

`vw_GreetingDisplay.LanguageCode`

`vw_GreetingStreamFile.LanguageCode`

`vw_Handler.Language`

`vw_InstalledLanguage.LanguageCode`

`vw_InterviewHandler.Language`

`vw_LanguageMap.LanguageCode`

`vw_LocalizedText.LanguageCode`

vw_LocalVms.DefaultLanguage
vw_LocalVms.DefaultTTSLanguage
vw_LocationVMS.DefaultLanguage
vw_LocationVMS.DefaultTTSLanguage
vw_Privilege.LanguageCode
vw_RoutingRule.LanguageCode
vw_Subscriber.Language
vw_SubscriberTemplate.Language
vw_TimeZone.LanguageCode
vw_User.Language
vw_UserNonSubscriber.Language
vw_UserTemplate.Language
vw_VMSTemplateDisplay.LanguageCode

4.53. LanguageType

Type of installed language: TUI, GUI, VUI, or TTS

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	TUI	TUI	TUI
1	GUI	GUI	GUI
2	VUI	VUI	VUI
3	TTS	TTS	TTS

Column References

The following list of table/view columns use this custom type:

[tbl_InstalledLanguage.LanguageType](#)

[vw_InstalledLanguage.LanguageType](#)

4.54. LicenseComplianceType

The type of evaluation for compliance

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	None	None	Not evaluated
1	UsageHigh	UsageHigh	Usage does not exceed the limit
2	UsagePlus	UsagePlus	Limit is positive and usage does not exceed it
3	UsageAllow	UsageAllow	Limit of 0 specifies that the usage is not allowed, other wise allowed

Column References

The following list of table/view columns use this custom type:

[tbl_LicenseStatus.ComplianceType](#)

[vw_LicenseCount.ComplianceType](#)

[vw_LicenseStatus.ComplianceType](#)

4.55. LicenseStatus

Status of license.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	Unknown	Unknown	Unknown - not evaluated
1	Valid	Valid	Evaluated and is valid
2	Violated	Violated	Violated - system will shutdown after grace period expires since ComplianceTime
3	Shutdown	Shutdown	Grace period has expeired and system will be shutdown

Column References

The following list of table/view columns use this custom type:

[tbl_LicenseStatus.Status](#)

[tbl_LocationVMS.OverallLicenseState](#)

[vw_LicenseStatus.Status](#)

[vw_LocalVms.OverallLicenseState](#)

[vw_LocationVMS.OverallLicenseState](#)

4.56. MailboxLoginType

Type of mailbox login - whether to use users alias, login as guest, or login with an id in the mailboxid.

Additional Information

Only used for MPE integration presently.

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	Alias	Alias	Users alias used for login
1	Guest	Guest	Login as guest
2	Mailboxid	MailboxId	Login using mailboxid (or part of it)

Column References

The following list of table/view columns use this custom type:

[tbl_MailboxMap.MailboxLoginType](#)

[vw_Mailbox.MailboxLoginType](#)

[vw_MailboxMap.MailboxLoginType](#)

[vw_SubscriberExternalServiceMap.LoginType](#)

[vw_SubscriberExternalServiceMapDetail.LoginType](#)

[vw_UserMailboxMap.MailboxLoginType](#)

4.57. MailboxStoreType

Type of mailbox store.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	UMSS		UMSS - Cisco Unity Connection message store solution.
1	IMAP		IMAP - external, non-UMSS, mailstore accessed via IMAP.
2	POP3		POP3 - external, non-UMSS, mailstore accessed via POP3.
3	WebDAV		WebDAV - used to retrieve personal contacts (although could potentially be used to get messages)
4	MPE_WS		Used by the Common Calendaring Library to retrieve calendaring and meeting information from the Meeting Place Express web service.

Column References

The following list of table/view columns use this custom type:

[tbl_MailboxStoreMap.MailboxStoreType](#)

[vw_ExternalService.ServiceType](#)

[vw_MailboxStoreMap.MailboxStoreType](#)

[vw_SubscriberExternalServiceMapDetail.ServiceType](#)

[vw_UserMailboxMap.MailboxStoreType](#)

4.58. MailName

User (left hand portion before @) part of smtp address. For example, the "someone" part of the smtp address "someone@somewhere.com."

Additional Information

Used to validate characters of MailName parameter in User/Subscriber create/modify and in Alias create/modify stored procedures.

The syntax specification defined by the Messaging Team, references RFC 2282 (Internet Message Format).

Syntax specification:

Email Address= Local-Part '@' Domain Name where

Local-Part (Max size : 64)

- * Uppercase and lowercase letters
- * The digits 0 through 9
- * The characters ! # \$ % & ' * + - / = ? ^ _ ` { | } ~
- * The character '!' is allowed but it cannot be the first or last character in the local-part.

Data Type and Data Length

SQL Data Type/Length : varchar (64 characters)

Valid Characters

Regular Expression: `^[\\w\\-!#$%&'*/=/?^\\{\\}|~]+(\\.[\\w\\-!#$%&'*/=/?^\\{\\}|~]+)*$`

Expression Description:

- * Uppercase and lowercase letters
- * The digits 0 through 9
- * The characters ! # \$ % & ' * + - / = ? ^ _ ` { | } ~
- * The character '!' is allowed but it cannot be the first or last character in the local-part.

Column References

The following list of table/view columns use this custom type:

4.59. MailstoreConnectionEncryption

Defines the method of encryption to use on a mailstore connection.

Additional Information

Mainly for IMAP connections to remote mailstores.

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	None		No encryption.
1	TLS		TLS level encryption.
2	SSL		SSL encryption.
3	IPSec		IPSec encryption.

Column References

The following list of table/view columns use this custom type:

[tbl_MailboxStoreMap.RequiredSecurity](#)

[vw_ExternalService.RequiredSecurity](#)

[vw_MailboxStoreMap.RequiredSecurity](#)

[vw_SubscriberExternalServiceMapDetail.RequiredSecurity](#)

[vw_UserMailboxMap.RequiredSecurity](#)

4.60. MarkSecure

Determines whether an unidentified caller can mark a message as "secure."

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Never		Never - messages left by unidentified calls are never marked secure.
1	Always		Always - all messages left by unidentified callers are marked secure.

Column References

The following list of table/view columns use this custom type:

4.61. MarkUrgent

Determines whether an unidentified caller can mark a message as "urgent."

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Never		Never - messages left by unidentified calls are never marked urgent.
1	Always		Always - all messages left by unidentified callers are marked urgent.
2	Ask		ask - Cisco Unity Connection asks unidentified callers whether to mark their messages urgent.

Column References

The following list of table/view columns use this custom type:

[tbl_CallHandler.SendUrgentMsg](#)

[vw_Callhandler.SendUrgentMsg](#)

[vw_CallhandlerNonPrimary.SendUrgentMsg](#)

[vw_CallhandlerPrimary.SendUrgentMsg](#)

[vw_CallhandlerPrimaryTemplate.SendUrgentMsg](#)

[vw_CallhandlerTemplate.SendUrgentMsg](#)

4.62. MediaPortDisplayName

Concatenation of the tbl_MediaPortGroup.DisplayName column plus a hyphen followed by a number (DisplayName + '-' + number). For example "MyMediaPortGroup-3."

Additional Information

Used by various MediaPort views.

Data Type and Data Length

SQL Data Type/Length : lvvarchar (256 characters)

Valid Characters

Regular Expression: `^[^\x00-\x1F\x7F]*$`

Expression Description:

Any character except non-printing ASCII characters.

Valid Length

Min: 0 characters

Max: 256 characters

Column References

The following list of table/view columns use this custom type:

4.63. MediaRemoteService

Types of remote IP services providing telephony related services.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
100	CCM		Cisco Unified Communications Manager server.
101	CCMTFTP		Cisco Unified Communications Manager Trivial File Transfer Protocol service.
102	SIPPROXY		SIP proxy server.
103	CCMAXL		Cisco Unified Communications Manager AXL service
104	PIMG		PIMG
105	ASRMediaServer		Automatic Speech Recognition media server.
106	TTSMediaServer		Text-To-Speech media server.

Column References

The following list of table/view columns use this custom type:

[tbl_MediaRemoteService.MediaRemoteServiceEnum](#)

[vw_MediaPort_UsingMediaRemoteService.MediaRemoteServiceEnum](#)

[vw_MediaRemoteService.MediaRemoteServiceEnum](#)

4.64. MessageSortOrder

The order in which Cisco Unity Connection will sort new, saved and deleted messages.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
1	LIFO		LIFO - sort new messages first.
2	FIFO		FIFO - sort old messages first.

Column References

The following list of table/view columns use this custom type:

[tbl_UserSubscriber.DeletedMessageSortOrder](#)

[tbl_UserSubscriber.NewMessageSortOrder](#)

[tbl_UserSubscriber.SavedMessageSortOrder](#)

[tbl_UserSubscriber.MessageLocatorSortOrder](#)

[vw_Subscriber.DeletedMessageSortOrder](#)

[vw_Subscriber.NewMessageSortOrder](#)

[vw_Subscriber.SavedMessageSortOrder](#)

[vw_Subscriber.MessageLocatorSortOrder](#)

[vw_SubscriberTemplate.DeletedMessageSortOrder](#)

[vw_SubscriberTemplate.MessageLocatorSortOrder](#)

[vw_SubscriberTemplate.SavedMessageSortOrder](#)

[vw_SubscriberTemplate.NewMessageSortOrder](#)

4.65. MessageStackOrder

A string containing a sequence of seven digits that controls the order in which Cisco Unity Connection plays the following types of messages:

- 1: Urgent voice messages
- 2: Non-urgent voice messages
- 3: Urgent fax messages
- 4: Non-urgent fax messages
- 5: Urgent e-mail messages
- 6: Non-urgent e-mail messages
- 7: Receipts and notices

Additional Information

This column consists of a sequence of seven digits with each digit representing a specific message type:

- 1: Urgent voice messages
- 2: Non-urgent voice messages
- 3: Urgent fax messages
- 4: Non-urgent fax messages
- 5: Urgent e-mail messages
- 6: Non-urgent e-mail messages
- 7: Receipts and notices

For example, 1352467 indicates that messages are played in the following order: Urgent voice first, then urgent fax, urgent e-mail followed by non-urgent voice, non-urgent fax, non-urgent e-mail messages, and then lastly receipts and notices.

Data Type and Data Length

SQL Data Type/Length : nvarchar (7 characters)

Valid Length

Min: 1 characters

Max: 7 characters

Valid Characters

Regular Expression: [1-7]{7}

Expression Description:

A string of seven digits consisting of digits 1-7.

Column References

The following list of table/view columns use this custom type:

[tbl_UserSubscriber.NewMessageStackOrder](#)

[tbl_UserSubscriber.SavedMessageStackOrder](#)

[vw_Subscriber.NewMessageStackOrder](#)

[vw_Subscriber.SavedMessageStackOrder](#)

[vw_SubscriberTemplate.SavedMessageStackOrder](#)

[vw_SubscriberTemplate.NewMessageStackOrder](#)

4.66. MiuCallOrigin

Call origin from media interface layer (MIU)

Additional Information

These values must match eMiuOrigin in ICsMiuCall.h

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	Outbound		Outbound
16	Unknown		Unknown
2	Internal		Internal
32	Unavailable		Unavailable
4	External		External

Column References

The following list of table/view columns use this custom type:

4.67. MiuCallReason

Call reason from media interface layer (MIU)

Additional Information

These values must match eMiuReason in ICsMiuCall.h

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	Direct		Direct
1024	Unknown		Unknown
2	FwdBusy		Forward Busy
268435456	LiveRecord		Live Record
4	FwdNoAnswer		Forward No Answer
64	Redirect		Redirect
8	FwdUncond		Forward Unconditional

Column References

The following list of table/view columns use this custom type:

4.68. MiuDTMFSeq

Sequence of DTMF characters.

Additional Information

Data Type and Data Length

SQL Data Type/Length : varchar (64 characters)

Valid Characters

Regular Expression: `^[0-9A-Da-dPpTtXx#*,&]*$`

Expression Description:

Standard dialstring characters: 0-9, A-D, #, *, comma (pause) and X (primary DTMF ID for subscriber), T (touchtone dialing) and P (pulse dialing), & (hookflash)

Valid Length

Min: 0 characters

Max: 64 characters

Column References

The following list of table/view columns use this custom type:

4.69. MsgType

Indicates the type of message.

Additional Information

Used to specify notifyq event details.

This is only partial set of enum values from UnityDynDb

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Resync_Mwi_Soft		Soft MWI resync
2	Resync_Mwi_None		None

Column References

The following list of table/view columns use this custom type:

4.70. MwiCode

Access code used to activate/deactivate message waiting indicator (MWI).

Additional Information

Data Type and Data Length

SQL Data Type/Length : nvarchar (128 characters)

Valid Length

Min: 0 characters

Max: 128 characters

Valid Characters

Regular Expression: `^[0-9A-Da-dPpTtXx#*,]*$`

Expression Description:

Standard dialstring characters: 0-9, A-D, #, *, comma (pause) and X (primary DTMF ID for subscriber), T (touchtone dialing) and P (pulse dialing).

Column References

The following list of table/view columns use this custom type:

[tbl_MediaPortGroup.MwiOnCode](#)

[tbl_MediaPortGroup.MwiOffCode](#)

[tbl_MediaPortGroupTemplate.Copy_MWIONCode](#)

[tbl_MediaPortGroupTemplate.Copy_MWIOffCode](#)

[vw_MediaPortGroup.MwiOnCode](#)

[vw_MediaPortGroup.MwiOffCode](#)

[vw_MediaPortGroupTemplate.Copy_MWIONCode](#)

[vw_MediaPortGroupTemplate.Copy_MWIOffCode](#)

4.71. Name

Used by the firstname or lastname of users and contacts.

Additional Information

The firstname or lastname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.

Data Type and Data Length

SQL Data Type/Length : nvarchar (64 characters)

Valid Characters

Regular Expression: `^[^\x00-\x1F\x7F]*$`

Expression Description:

Any character (ASCII and Unicode) except for non-printing ASCII characters.

Valid Length

Min: 0 characters

Max: 64 characters

Column References

The following list of table/view columns use this custom type:

`tbl_Contact.FirstName`

`tbl_Contact.LastName`

`tbl_PersonalContact.FirstName`

`tbl_PersonalContact.LastName`

`tbl_PersonalContact.NickName`

`tbl_User.FirstName`

`tbl_User.LastName`

`vw_Contact.FirstName`

`vw_Contact.LastName`

`vw_PersonalContact.FirstName`

`vw_PersonalContact.LastName`

`vw_PersonalContact.NickName`

`vw_PersonalContactPhoneNumber.FirstName`

vw_PersonalContactPhoneNumber.LastName
vw_PersonalContactPhoneNumber.NickName
vw_Subscriber.FirstName
vw_Subscriber.LastName
vw_SubscriberContact.FirstName
vw_SubscriberContact.LastName
vw_SubscriberPolicy.firstname
vw_SubscriberPolicy.lastname
vw_User.FirstName
vw_User.LastName
vw_UserNonSubscriber.FirstName
vw_UserNonSubscriber.LastName

4.72. NotificationDeviceAfterDialDigits

The extra digits (if any) that Cisco Unity Connection will dial after the phone number when sending a subscriber message notification to a notification device.

Additional Information

Data Type and Data Length

SQL Data Type/Length : nvarchar (32 characters)

Valid Characters

Regular Expression: ^[0-9Tt,*#]*\$

Expression Description:

ASCII digits 0-9, T, t comma, hash and asterisk only.

Valid Length

Min: 0 characters

Max: 32 characters

Column References

The following list of table/view columns use this custom type:

[tbl_NotificationDeviceConversation.AfterDialDigits](#)

[tbl_NotificationDevicePager.AfterDialDigits](#)

[vw_NotificationDevice.AfterDialDigits](#)

[vw_NotificationDeviceConversation.AfterDialDigits](#)

[vw_NotificationDevicePager.AfterDialDigits](#)

4.73. NotificationDeviceName

Notification devices have defined names such as 'Home Phone' or 'SMS' so they can be identified in a conversation ("Would you like to change your HomePhone?").

Additional Information

These device names allow components such as Conversations and the Bulk import tool to manage specific, tagged, devices. The Smtip name is for import primarily, since it is difficult to voice email addresses over the phone.

Data Type and Data Length

SQL Data Type/Length : nvarchar (12 characters)

Possible Values

Value	Name	Display Name	Description
Home Phone	HomePhone		Home phone notification device.
Mobile Phone	MobilePhone		Mobile phone notification device.
Other	Other		None of the above. The conversation will ignore these.
Pager	Pager		Numeric pager notification device.
SMS	SMS		SMS notification device.
SMTP	SMTP		SMTP notification device.
Spare Phone	SparePhone		*** obsolete. Temporary until removed from conversations
Work Phone	WorkPhone		Work phone notification device.

Column References

The following list of table/view columns use this custom type:

[tbl_NotificationDevice.DeviceName](#)

[vw_NotificationDevice.DeviceName](#)

[vw_NotificationDeviceConversation.DeviceName](#)

[vw_NotificationDevicePager.DeviceName](#)

[vw_NotificationDeviceSMS.DeviceName](#)

[vw_NotificationDeviceSMTP.DeviceName](#)

4.74. NotificationRuleCriteria

Criteria under which a notification rule will run, such as when there is a pending voice mail.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	PendingVoiceMail		Pending voice mail.
2	PendingUrgentVoiceMail		Pending urgent voice mail message.
3	PendingEmail		Pending e-mail message.
4	PendingUrgentEmail		Pending urgent e-mail message.
5	PendingFax		Pending fax message.
6	PendingUrgentFax		Pending urgent fax message.
7	PendingMessage		Pending message of any type
8	PendingUrgentMessage		Pending urgent message of any type.

Column References

The following list of table/view columns use this custom type:

[tbl_NotificationRuleCriteria.NotificationCriteria](#)

[vw_NotificationRuleCriteria.NotificationCriteria](#)

4.75. NotificationRuleEvent

Defines the message notification events that trigger notification rules.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	None		None
1	FirstVoiceMail		First voice mail message.
10	FirstUrgentFax		First urgent fax message.
11	NewFax		New fax message.
12	NewUrgentFax		New urgent fax message.
13	FirstMessage		First message of any type.
14	FirstUrgentMessage		First urgent message of any type.
15	NewMessage		New message of any type.
16	NewUrgentMessage		New urgent message of any type.
17	OnActive		Runs when schedule becomes active
2	FirstUrgentVoiceMail		First urgent voice mail message.
3	NewVoiceMail		New voice mail message.
4	NewUrgentVoiceMail		New urgent voice mail message.
5	FirstEmail		First e-mail message.
6	FirstUrgentEmail		First urgent email message.
7	NewEmail		New e-mail message.
8	NewUrgentEmail		New urgent e-mail message.
9	FirstFax		First fax message.

Column References

The following list of table/view columns use this custom type:

[tbl_NotificationRuleEvent.NotificationEvent](#)

[vw_NotificationRuleEvent.NotificationEvent](#)

4.76. NotificationType

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Classical		Classical - marking a message unread, read and back to unread will turn the notification (mwi) on, off and back on.
1	Modern		Modern - once a message has been touched (read) then it will not trigger notifications each time the message is marked unread and read again.

Column References

The following list of table/view columns use this custom type:

[tbl_UserTemplate.NotificationType](#)

[vw_SubscriberTemplate.NotificationType](#)

4.77. NotifyQEvent

Event type enum for the notify event queue.

Additional Information

This is only partial set of enum values from UnityDynDb

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
11	RemoveMailUser		Mailuser has been removed from the UnityDb database. The Notifier needs to remove all traces of subscriber from its internal data.
6	FullReSyncMailUser		Request to resync one specified mailuser with soft resync of MWI. This request can be initiated via CUSAC to refresh MWI or when the subscriber data has changed or a new subscriber added.
9	PartialReSyncSwitch		Request to resync all of a subscriber notification connected to a certain switch with hard resync of MWI.

Column References

The following list of table/view columns use this custom type:

4.78. NumberingPlanIdentity

The numeric plan indicator (NPI) used in SME address parameters.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Unknown		Unknown
1	ISDN		ISDN (E163/E164)
10	ERMES		ERMES (European Radio Messaging System)
14	Internet		Internet (IP)
18	WAPClientID		WAP (Wireless Application Protocol) Client ID
3	Data		Data (X.121.)
4	Telex		Telex (F.69)
6	LandMobile		Land Mobile (E.212)
8	National		National
9	Private		Private

Column References

The following list of table/view columns use this custom type:

[tbl_SMPPProvider.addr_npi](#)

[tbl_SMPPProvider.source_addr_npi](#)

[tbl_SMPPProvider.dest_addr_npi](#)

[vw_SMPPProvider.addr_npi](#)

[vw_SMPPProvider.source_addr_npi](#)

[vw_SMPPProvider.dest_addr_npi](#)

4.79. ObjectID

Uniquely identifies an object within a table via the uniqueidentifier data type in SQL. The uniqueidentifier data type stores 16-byte binary values that operate as globally unique identification numbers (GUID). A GUID is a binary number that is guaranteed to be unique; no other computer in the world will generate a duplicate of that GUID value.

Additional Information

An ObjectID is generated using newid().

Data Type and Data Length

SQL Data Type/Length : char (36 characters)

Valid Length

Min: 36 characters

Max: 36 characters

Column References

The following list of table/view columns use this custom type:

[tbl_AccountLogonPolicy.ObjectID](#)

[tbl_Agency.ObjectID](#)

[tbl_Agency.AdministratorTemplateObjectID](#)

[tbl_Agency.ClientCOSObjectID](#)

[tbl_Agency.ClientTemplateObjectID](#)

[tbl_AgencyExtensionRange.ObjectID](#)

[tbl_AgencyExtensionRange.AgencyObjectID](#)

[tbl_Alias.LocationObjectID](#)

[tbl_Alias.Object_UserObjectID](#)

[tbl_Alias.Object_DistributionListObjectID](#)

[tbl_Alias.Object_PersonalGroupObjectID](#)

[tbl_Alias.Object_ContactObjectID](#)

[tbl_Alias.ObjectID](#)

[tbl_AlternateName.UserObjectID](#)

[tbl_AlternateName.ContactObjectID](#)

[tbl_AlternateName.ObjectID](#)

tbl_AlternateName.PersonalContactObjectId
tbl_AlternateName.DistributionListObjectId
tbl_AlternateName.LocationObjectId
tbl_AlternateName.PersonalGroupObjectId
tbl_BroadcastMessage.ObjectId
tbl_BroadcastMessage.StreamFileObjectId
tbl_BroadcastMessage.SubscriberObjectId
tbl_BroadcastMessage.LastModificationSubscriberObjectId
tbl_BroadcastMessageRecipient.BroadcastMessageObjectId
tbl_BroadcastMessageRecipient.SubscriberObjectId
tbl_CallAction.TargetHandlerObjectId
tbl_CallAction.ObjectId
tbl_CallHandler.ScheduleSetObjectId
tbl_CallHandler.ObjectId
tbl_CallHandler.AfterMessageCallActionObjectId
tbl_CallHandler.Recipient_SubscriberObjectId
tbl_CallHandler.Recipient_DistributionListObjectId
tbl_CallHandler.MediaSwitchObjectId
tbl_CallHandler.Recipient_ContactObjectId
tbl_Configuration.ObjectId
tbl_Configuration.ParentId
tbl_Configuration.ConfigurationMetadataObjectId
tbl_Configuration.ValueGuid
tbl_Configuration.DefaultValueGuid
tbl_Contact.LocationObjectId
tbl_Contact.ObjectId
tbl_Contact.StreamFileObjectId
tbl_Contact.DeliveryLocationObjectId
tbl_Contact.CallHandlerObjectId
tbl_Cos.ObjectId

tbl_Cos.FaxRestrictionObjectId
tbl_Cos.LocationObjectId
tbl_Cos.OutcallRestrictionObjectId
tbl_Cos.XferRestrictionObjectId
tbl_Credential.UserObjectId
tbl_Credential.CredentialPolicyObjectId
tbl_Credential.ObjectId
tbl_CredentialPolicy.ObjectId
tbl_CredentialPolicy.LocationObjectId
tbl_DirectoryHandler.ObjectId
tbl_DirectoryHandler.ExitCallActionObjectId
tbl_DirectoryHandler.NoInputCallActionObjectId
tbl_DirectoryHandler.NoSelectionCallActionObjectId
tbl_DirectoryHandler.ZeroCallActionObjectId
tbl_DirectoryHandler.ScopeObjectCosObjectId
tbl_DirectoryHandler.ScopeObjectLocationObjectId
tbl_DirectoryHandler.ScopeObjectDistributionListObjectId
tbl_DistributionList.ObjectId
tbl_DistributionList.LocationObjectId
tbl_DistributionList.StreamFileObjectId
tbl_DistributionListMember.DistributionListObjectId
tbl_DistributionListMember.MemberDistributionListObjectId
tbl_DistributionListMember.MemberUserObjectId
tbl_DistributionListMember.ObjectId
tbl_DistributionListMember.MemberContactObjectId
tbl_DistributionListSet.ObjectId
tbl_DistributionListSet.DistributionListObjectId
tbl_DistributionListSetMember.DistributionListSetObjectId
tbl_DistributionListSetMember.Member_UserObjectId
tbl_DistributionListSetMember.ObjectId

tbl_DistributionListSetMember.MemberContactObjectId
tbl_DtmfAccessId.ObjectId
tbl_DtmfAccessId.Parent_SubscriberObjectId
tbl_DtmfAccessId.Parent_DistributionListObjectId
tbl_DtmfAccessId.Parent_HandlerObjectId
tbl_DtmfAccessId.Parent_LocationObjectId
tbl_DtmfAccessId.LocationObjectId
tbl_DtmfAccessId.Parent_ContactObjectId
tbl_Greeting.CallHandlerObjectId
tbl_Greeting.AfterGreetingCallActionObjectId
tbl_GreetingStreamFile.CallHandlerObjectId
tbl_GreetingStreamFile.StreamFileObjectId
tbl_Handler.ObjectId
tbl_Handler.LocationObjectId
tbl_Handler.StreamFileObjectId
tbl_InterviewHandler.ObjectId
tbl_InterviewHandler.AfterMessageCallActionObjectId
tbl_InterviewHandler.Recipient_DistributionListObjectId
tbl_InterviewHandler.Recipient_SubscriberObjectId
tbl_InterviewQuestion.InterviewHandlerObjectId
tbl_InterviewQuestion.StreamFileObjectId
tbl_IpAddressAccessList.ObjectId
tbl_IpAddressAccessList.SmtpServerObjectId
tbl_IPPortReservation.ObjectId
tbl_IPPortReservation.VmsServerObjectId
tbl_Location.ObjectId
tbl_Location.StreamFileObjectId
tbl_LocationVMS.ObjectId
tbl_LocationVMS.DefaultWaveFormatObjectId
tbl_LocationVPIM.ObjectId

tbl_LocationVPIM.ContactTemplateObjectId
tbl_LoggerDiagnosticGrid.ObjectId
tbl_LoggerJavaMapping.LoggerDiagnosticGridObjectId
tbl_MailboxMap.MailboxStoreObjectId
tbl_MailboxMap.UserObjectId
tbl_MailboxStoreMap.ObjectId
tbl_MediaPort.ObjectId
tbl_MediaPort.MediaPortGroupObjectId
tbl_MediaPort.VmsServerObjectId
tbl_MediaPort.SkinnyDeviceCertificateChangeId
tbl_MediaPort.SkinnyDevicePrivateKeyChangeId
tbl_MediaPortConfigState.MediaPortObjectId
tbl_MediaPortConfigState.NeedRestartId
tbl_MediaPortGroup.MediaPortGroupTemplateObjectId
tbl_MediaPortGroup.MediaSwitchObjectId
tbl_MediaPortGroup.ObjectId
tbl_MediaPortGroupCodec.ObjectId
tbl_MediaPortGroupCodec.MediaPortGroupObjectId
tbl_MediaPortGroupCodec.RtpCodecDefObjectId
tbl_MediaPortGroupIPPort.ObjectId
tbl_MediaPortGroupIPPort.VmsServerObjectId
tbl_MediaPortGroupIPPort.MediaPortGroupObjectId
tbl_MediaPortGroupTemplate.ObjectId
tbl_MediaPortGroupTemplate.MediaSwitchModelObjectId
tbl_MediaRemoteService.ObjectId
tbl_MediaRemoteService.MediaPortGroupObjectId
tbl_MediaRemoteService.MediaSwitchObjectId
tbl_MediaSwitch.ObjectId
tbl_MediaSwitch.MediaSwitchModelObjectId
tbl_MediaSwitchManufacturer.ObjectId

tbl_MediaSwitchModel.ObjectId
tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId
tbl_MediaSwitchTrunk.ObjectId
tbl_MediaSwitchTrunk.ToMediaSwitchObjectId
tbl_MediaSwitchTrunk.FromMediaSwitchObjectId
tbl_MenuEntry.CallHandlerObjectId
tbl_MenuEntry.CallActionObjectId
tbl_MessageAgingPolicy.ObjectId
tbl_MessageAgingRule.MessageAgingPolicyObjectId
tbl_MessageAgingRule.ObjectId
tbl_Nickname.ObjectId
tbl_NotificationDevice.SubscriberObjectId
tbl_NotificationDevice.ObjectId
tbl_NotificationDeviceConversation.MediaSwitchObjectId
tbl_NotificationDeviceConversation.ObjectId
tbl_NotificationDevicePager.MediaSwitchObjectId
tbl_NotificationDevicePager.ObjectId
tbl_NotificationDeviceSMS.SmppProviderObjectId
tbl_NotificationDeviceSMS.ObjectId
tbl_NotificationDeviceSMTP.ObjectId
tbl_NotificationMwi.SubscriberObjectId
tbl_NotificationMwi.ObjectId
tbl_NotificationMwi.MediaPortObjectId
tbl_NotificationMwi.MediaSwitchObjectId
tbl_NotificationRule.SubscriberObjectId
tbl_NotificationRule.ObjectId
tbl_NotificationRule.NotificationDeviceObjectId
tbl_NotificationRule.FailRuleObjectId
tbl_NotificationRule.ScheduleSetObjectId
tbl_NotificationRuleCriteria.NotificationRuleObjectId

tbl_NotificationRuleEvent.NotificationRuleObjectId
tbl_PersonalContact.ObjectId
tbl_PersonalContact.UserObjectId
tbl_PersonalContactPhone.PersonalContactObjectId
tbl_PersonalDestination.SubscriberObjectId
tbl_PersonalDestination.ObjectId
tbl_PersonalDestinationGroup.ObjectId
tbl_PersonalDestinationGroup.SubscriberObjectId
tbl_PersonalDestinationGroupItem.PersonalDestinationGroupObjectId
tbl_PersonalDestinationGroupItem.DestNotificationDeviceObjectId
tbl_PersonalDestinationGroupItem.DestDtmfAccessIdObjectId
tbl_PersonalDestinationGroupItem.DestPersonalDestinationObjectId
tbl_PersonalDestinationGroupItem.DestPhoneNumberObjectId
tbl_PersonalDestinationGroupItem.ObjectId
tbl_PersonalGroup.ObjectId
tbl_PersonalGroup.UserObjectId
tbl_PersonalGroup.StreamFileObjectId
tbl_PersonalGroupMember.PersonalGroupObjectId
tbl_PersonalGroupMember.MemberPersonalGroupObjectId
tbl_PersonalGroupMember.MemberPersonalContactObjectId
tbl_PersonalGroupMember.MemberUserObjectId
tbl_PersonalGroupMember.MemberDistributionListObjectId
tbl_PersonalGroupMember.ObjectId
tbl_PersonalGroupMember.MemberContactObjectId
tbl_PersonalRule.ObjectId
tbl_PersonalRule.DestPersonalDestinationObjectId
tbl_PersonalRule.SubscriberObjectId
tbl_PersonalRule.DestPersonalDestinationGroupObjectId
tbl_PersonalRule.DestNotificationDeviceObjectId
tbl_PersonalRule.DestDtmfAccessIdObjectId

tbl_PersonalRule.DestPhoneNumberObjectId
tbl_PersonalRule.PersonalRuleSetObjectId
tbl_PersonalRule.DestCallActionObjectId
tbl_PersonalRuleCaller.PersonalRuleObjectId
tbl_PersonalRuleCaller.SubscriberObjectId
tbl_PersonalRuleCaller.CallerPersonalGroupObjectId
tbl_PersonalRuleCaller.CallerUserObjectId
tbl_PersonalRuleCaller.CallerPersonalContactObjectId
tbl_PersonalRuleCaller.ObjectId
tbl_PersonalRuleCaller.CallerContactObjectId
tbl_PersonalRuleSet.ObjectId
tbl_PersonalRuleSet.ScheduleSetObjectId
tbl_PersonalRuleSet.SubscriberObjectId
tbl_PersonalRuleSet.StreamFileObjectId
tbl_PhoneNumber.Owner_UserObjectId
tbl_PhoneNumber.ObjectId
tbl_PhoneNumber.Owner_ContactObjectId
tbl_Policy.ObjectId
tbl_Policy.UserObjectId
tbl_Policy.RoleObjectId
tbl_Policy.TargetVmsObjectId
tbl_Policy.TargetUserObjectId
tbl_Policy.TargetAgencyObjectId
tbl_Policy.TargetHandlerObjectId
tbl_Policy.TargetDistributionListObjectId
tbl_Privilege.ObjectId
tbl_PrivilegeOperationMap.PrivilegeObjectId
tbl_RestrictionPattern.RestrictionTableObjectId
tbl_RestrictionPattern.ObjectId
tbl_RestrictionTable.ObjectId

tbl_RestrictionTable.LocationObjectId
tbl_Role.ObjectId
tbl_RolePrivilegeMap.RoleObjectId
tbl_RolePrivilegeMap.PrivilegeObjectId
tbl_RoutingRule.ObjectId
tbl_RoutingRule.CallActionObjectId
tbl_RoutingRuleCondition.ObjectId
tbl_RoutingRuleCondition.RoutingRuleObjectId
tbl_RtpCodecDef.ObjectId
tbl_RtpCodecDefPacketSize.ObjectId
tbl_RtpCodecDefPacketSize.RtpCodecDefObjectId
tbl_Schedule.ObjectId
tbl_Schedule.Owner_LocationObjectId
tbl_Schedule.Owner_SubscriberObjectId
tbl_Schedule.Owner_PersonalRuleSetObjectId
tbl_ScheduleDetail.ObjectId
tbl_ScheduleDetail.ScheduleObjectId
tbl_ScheduleSet.ObjectId
tbl_ScheduleSet.Owner_LocationObjectId
tbl_ScheduleSet.Owner_SubscriberObjectId
tbl_ScheduleSet.Owner_PersonalRuleSetObjectId
tbl_ScheduleSetMemberMap.ScheduleSetObjectId
tbl_ScheduleSetMemberMap.ScheduleObjectId
tbl_Service.ObjectId
tbl_SMPPProvider.ObjectId
tbl_SMPPProvider.Owner_SubscriberObjectId
tbl_SMPPProvider.Owner_LocationObjectId
tbl_SmtpServer.LocationObjectId
tbl_SmtpServer.ObjectId
tbl_StreamFile.ObjectId

tbl_TaskContext.TaskPeriodicObjectId
tbl_TaskPeriodic.ObjectId
tbl_TransferOption.CallHandlerObjectId
tbl_TransferOption.MediaSwitchObjectId
tbl_TreeControlNode.ObjectId
tbl_TreeControlNode.ParentObjectId
tbl_User.ObjectId
tbl_User.CosObjectId
tbl_User.LocationObjectId
tbl_User.StreamFileObjectId
tbl_UserCredentialHistory.UserObjectId
tbl_UserSubscriber.MediaSwitchObjectId
tbl_UserSubscriber.ObjectId
tbl_UserSubscriber.ExitCallActionObjectId
tbl_UserSubscriber.CallHandlerObjectId
tbl_UserSubscriber.SynchScheduleObjectId
tbl_UserTemplate.ObjectId
tbl_UserTemplate.MailboxStoreObjectId
tbl_UserTemplate.MessageAgingPolicyObjectId
tbl_VMSServer.ObjectId
tbl_VMSServer.VmsTemplateObjectId
tbl_VMSTemplate.ObjectId
tbl_WaveFormat.ObjectId
vw_Agency.AdministratorTemplateObjectId
vw_Agency.ClientCOSObjectId
vw_Agency.ClientTemplateObjectId
vw_Agency.ObjectId
vw_AgencyExtensionRange.ObjectId
vw_AgencyExtensionRange.AgencyObjectId
vw_Alias.LocationObjectId

vw_Alias.Object_UserObjectId
vw_Alias.Object_DistributionListObjectId
vw_Alias.Object_PersonalGroupObjectId
vw_Alias.Object_ContactObjectId
vw_Alias.ObjectId
vw_AlternateName.UserObjectId
vw_AlternateName.ContactObjectId
vw_AlternateName.ObjectId
vw_AlternateName.PersonalContactObjectId
vw_AlternateName.DistributionListObjectId
vw_AlternateName.LocationObjectId
vw_AlternateName.PersonalGroupObjectId
vw_BroadcastMessage.ObjectId
vw_BroadcastMessage.StreamFileObjectId
vw_BroadcastMessage.SubscriberObjectId
vw_BroadcastMessage.LastModificationSubscriberObjectId
vw_BroadcastMessageRecipient.BroadcastMessageObjectId
vw_BroadcastMessageRecipient.SubscriberObjectId
vw_CallAction.TargetHandlerObjectId
vw_CallAction.ObjectId
vw CallerGroup.ObjectId
vw CallerGroup.SubscriberObjectId
vw CallerGroupMember.CallerGroupObjectId
vw CallerGroupMember.MemberCallerGroupObjectId
vw CallerGroupMember.MemberPersonalContactObjectId
vw CallerGroupMember.MemberSubscriberObjectId
vw CallerGroupMember.ObjectId
vw CallerGroupMember.MemberContactObjectId
vw_Callhandler.LocationObjectId
vw_Callhandler.ScheduleSetObjectId

vw_Callhandler.AfterMessageCallActionObjectId
vw_Callhandler.ObjectId
vw_Callhandler.Recipient_SubscriberObjectId
vw_Callhandler.Recipient_DistributionListObjectId
vw_Callhandler.StreamFileObjectId
vw_Callhandler.AfterMessage_TargetHandlerObjectId
vw_Callhandler.MediaSwitchObjectId
vw_Callhandler.Recipient_ContactObjectId
vw_CallhandlerNonPrimary.LocationObjectId
vw_CallhandlerNonPrimary.ScheduleSetObjectId
vw_CallhandlerNonPrimary.AfterMessageCallActionObjectId
vw_CallhandlerNonPrimary.ObjectId
vw_CallhandlerNonPrimary.Recipient_SubscriberObjectId
vw_CallhandlerNonPrimary.Recipient_DistributionListObjectId
vw_CallhandlerNonPrimary.StreamFileObjectId
vw_CallhandlerNonPrimary.AfterMessage_TargetHandlerObjectId
vw_CallhandlerNonPrimary.MediaSwitchObjectId
vw_CallhandlerNonPrimary.Recipient_ContactObjectId
vw_CallhandlerNonPrimary_List.ObjectId
vw_CallhandlerPrimary.LocationObjectId
vw_CallhandlerPrimary.ScheduleSetObjectId
vw_CallhandlerPrimary.AfterMessageCallActionObjectId
vw_CallhandlerPrimary.ObjectId
vw_CallhandlerPrimary.Recipient_SubscriberObjectId
vw_CallhandlerPrimary.Recipient_DistributionListObjectId
vw_CallhandlerPrimary.StreamFileObjectId
vw_CallhandlerPrimary.AfterMessage_TargetHandlerObjectId
vw_CallhandlerPrimary.MediaSwitchObjectId
vw_CallhandlerPrimary.Recipient_ContactObjectId
vw_CallhandlerPrimaryTemplate.LocationObjectId

vw_CallhandlerPrimaryTemplate.ScheduleSetObjectId
vw_CallhandlerPrimaryTemplate.ObjectId
vw_CallhandlerPrimaryTemplate.Recipient_SubscriberObjectId
vw_CallhandlerPrimaryTemplate.Recipient_DistributionListObjectId
vw_CallhandlerPrimaryTemplate.StreamFileObjectId
vw_CallhandlerPrimaryTemplate.AfterMessage_TargetHandlerObjectId
vw_CallhandlerPrimaryTemplate.MediaSwitchObjectId
vw_CallhandlerPrimaryTemplate.Recipient_ContactObjectId
vw_CallhandlerTemplate.LocationObjectId
vw_CallhandlerTemplate.ScheduleSetObjectId
vw_CallhandlerTemplate.ObjectId
vw_CallhandlerTemplate.Recipient_SubscriberObjectId
vw_CallhandlerTemplate.Recipient_DistributionListObjectId
vw_CallhandlerTemplate.StreamFileObjectId
vw_CallhandlerTemplate.AfterMessage_TargetHandlerObjectId
vw_CallhandlerTemplate.MediaSwitchObjectId
vw_CallhandlerTemplate.Recipient_ContactObjectId
vw_chk_MediaPort_DisabledWithPortMemoryRefs.ObjectId
vw_chk_MediaPort_MismatchedVmsServer.ObjectId
vw_chk_MediaPort_NoMediaPortConfigState.ObjectId
vw_chk_MediaPort_PortsDeleted.VmsServerObjectId
vw_chk_MediaPort_PortsNeedRestart.VmsServerObjectId
vw_chk_MediaPort_PortsNeverStarted.VmsServerObjectId
vw_chk_MediaPort_SIPSendPortOutOfRange.ObjectId
vw_chk_MediaPort_SIPSendPortOutOfRange.VmsServerObjectId
vw_chk_MediaPort_SkinnyDevNameTooLong.ObjectId
vw_chk_MediaPort_VmsServerVPRoleRequiresRestart.VmsServerObjectId
vw_chk_MediaPortGroup_DupCCMServers.ObjectId
vw_chk_MediaPortGroup_DupCCMTFTPServers.ObjectId
vw_chk_MediaPortGroup_DupSIPProxyServers.ObjectId

vw_chk_MediaPortGroup_NoCCMServers.ObjectId
vw_chk_MediaPortGroup_NoCCMTFTPServers.ObjectId
vw_chk_MediaPortGroup_NoCodecs.ObjectId
vw_chk_MediaPortGroup_NoPIMGRemoteService.ObjectId
vw_chk_MediaPortGroup_NoPorts.ObjectId
vw_chk_MediaPortGroup_NoSIPProxyServers.ObjectId
vw_chk_MediaPortGroup_NoUnitySIPPort.ObjectId
vw_chk_MediaPortGroup_NoUnitySIPPort.VmsServerObjectId
vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange.ObjectId
vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange.MediaPortGroupObjectId
vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange.VmsServerObjectId
vw_chk_MediaSwitch_DupCCMAXLServers.ObjectId
vw_chk_MediaSwitch_DupPIMG.ObjectId
vw_chk_MediaSwitch_MediaPortExtensionDuplicated.ObjectId
vw_chk_MediaSwitch_MediaPortHuntOrderDuplicated.ObjectId
vw_chk_MediaSwitch_NoMWI.ObjectId
vw_chk_MediaSwitch_NoPortsAnswer.ObjectId
vw_chk_MediaSwitch_NoPortsNotification.ObjectId
vw_chk_MediaSwitch_NoPortsTRaP.ObjectId
vw_chk_MediaSwitch_PortGroupsMismatchedMwiReqPortSpecific.ObjectId
vw_Configuration.ObjectId
vw_Configuration.ParentId
vw_Configuration.ConfigurationMetadataObjectId
vw_Configuration.DefaultValueGuid
vw_Configuration.ValueGuid
vw_Contact.LocationObjectId
vw_Contact.ObjectId
vw_Contact.DeliveryLocationObjectId
vw_Contact.CallHandlerObjectId
vw_Cos.ObjectId

vw_Cos.FaxRestrictionObjectId
vw_Cos.LocationObjectId
vw_Cos.OutcallRestrictionObjectId
vw_Cos.XferRestrictionObjectId
vw_Cos_Licensed.ObjectId
vw_Cos_List.ObjectId
vw_Credential.UserObjectId
vw_Credential.CredentialPolicyObjectId
vw_Credential.ObjectId
vw_CredentialPolicy.ObjectId
vw_CredentialPolicy.LocationObjectId
vw_CurrentPrivileges.UserObjectId
vw_CurrentPrivileges.VmsObjectId
vw_CurrentPrivileges.TargetVmsObjectId
vw_CurrentPrivileges.TargetUserObjectId
vw_CurrentPrivileges.TargetAgencyObjectId
vw_CurrentPrivileges.TargetHandlerObjectId
vw_CurrentPrivileges.TargetDistributionListObjectId
vw_DirectoryHandler.LocationObjectId
vw_DirectoryHandler.ExitCallActionObjectId
vw_DirectoryHandler.Exit_TargetHandlerObjectId
vw_DirectoryHandler.NoInputCallActionObjectId
vw_DirectoryHandler.NoInput_TargetHandlerObjectId
vw_DirectoryHandler.NoSelectionCallActionObjectId
vw_DirectoryHandler.NoSelection_TargetHandlerObjectId
vw_DirectoryHandler.ZeroCallActionObjectId
vw_DirectoryHandler.Zero_TargetHandlerObjectId
vw_DirectoryHandler.StreamFileObjectId
vw_DirectoryHandler.ObjectId
vw_DirectoryHandler.ScopeObjectCosObjectId

vw_DirectoryHandler.ScopeObjectLocationObjectId
vw_DirectoryHandler.ScopeObjectDistributionListObjectId
vw_DirectoryHandler_List.ObjectId
vw_DistributionList.ObjectId
vw_DistributionList.LocationObjectId
vw_DistributionList_List.ObjectId
vw_DistributionListMember.DistributionListObjectId
vw_DistributionListMember.MemberDistributionListObjectId
vw_DistributionListMember.MemberUserObjectId
vw_DistributionListMember.ObjectId
vw_DistributionListMember.MemberContactObjectId
vw_DistributionListMemberTemplate.MemberUserObjectId
vw_DistributionListMemberTemplate.DistributionListObjectId
vw_DistributionListMemberTemplate.ObjectId
vw_DistributionListMemberTemplate.MemberContactObjectId
vw_DtmfAccessId.Parent_SubscriberObjectId
vw_DtmfAccessId.Parent_DistributionListObjectId
vw_DtmfAccessId.Parent_HandlerObjectId
vw_DtmfAccessId.Parent_LocationObjectId
vw_DtmfAccessId.LocationObjectId
vw_DtmfAccessId.ObjectId
vw_DtmfAccessId.Parent_ContactObjectId
vw_ExternalService.ObjectId
vw_Greeting.CallHandlerObjectId
vw_Greeting.AfterGreeting_TargetHandlerObjectId
vw_GreetingDisplay.CallHandlerObjectId
vw_GreetingDisplay.AfterGreeting_TargetHandlerObjectId
vw_GreetingStreamFile.CallHandlerObjectId
vw_Handler.ObjectId
vw_Handler.LocationObjectId

vw_HandlerReference.ObjectId
vw_InterviewHandler.LocationObjectId
vw_InterviewHandler.AfterMessageCallActionObjectId
vw_InterviewHandler.StreamFileObjectId
vw_InterviewHandler.ObjectId
vw_InterviewHandler.Recipient_DistributionListObjectId
vw_InterviewHandler.Recipient_SubscriberObjectId
vw_InterviewHandler.AfterMessage_TargetHandlerObjectId
vw_InterviewHandler_List.ObjectId
vw_InterviewHandlerQuestion.InterviewHandlerObjectId
vw_IpAddressAccessList.ObjectId
vw_IpAddressAccessList.SmtpServerObjectId
vw_IpAddressAccessList_Composite.SmtpServerObjectId
vw_IPPortReservation.ObjectId
vw_IPPortReservation.VmsServerObjectId
vw_LocalVms.ObjectId
vw_LocalVms.DefaultWaveFormatObjectId
vw_Location.ObjectId
vw_LocationVMS.ObjectId
vw_LocationVMS.DefaultWaveFormatObjectId
vw_LocationVPIM.ObjectId
vw_LocationVPIM.ContactTemplateObjectId
vw_LoggerDiagnosticGrid.ObjectId
vw_LoggerJavaMapping.LoggerDiagnosticGridObjectId
vw_Mailbox.MailboxStoreObjectId
vw_Mailbox.UserObjectId
vw_MailboxMap.MailboxStoreObjectId
vw_MailboxMap.UserObjectId
vw_MailboxStoreMap.ObjectId
vw_MediaPort.ObjectId

vw_MediaPort.MediaPortGroupObjectId
vw_MediaPort.VmsServerObjectId
vw_MediaPort.SkinnyDeviceCertificateChangeId
vw_MediaPort.SkinnyDevicePrivateKeyChangeId
vw_MediaPort_HavingActivePortMemoryRefs.ObjectId
vw_MediaPort_UsingMediaPortGroupIPPort.MediaPortObjectId
vw_MediaPort_UsingMediaPortGroupIPPort.MediaPortVMSServerObjectId
vw_MediaPort_UsingMediaPortGroupIPPort.MediaPortGroupObjectId
vw_MediaPort_UsingMediaPortGroupIPPort.MediaPortGroupIPPortObjectId
vw_MediaPort_UsingMediaPortGroupIPPort.MediaPortGroupIPPortVMSServerObjectId
vw_MediaPort_UsingMediaRemoteService.MediaPortObjectId
vw_MediaPort_UsingMediaRemoteService.MediaPortGroupObjectId
vw_MediaPort_UsingMediaRemoteService.MediaRemoteServiceObjectId
vw_MediaPort_VmsServerVPRoleRequiresRestart.VmsServerObjectId
vw_MediaPortConfigState.MediaPortObjectId
vw_MediaPortConfigState.NeedRestartId
vw_MediaPortGroup.MediaPortGroupTemplateObjectId
vw_MediaPortGroup.MediaSwitchObjectId
vw_MediaPortGroup.ObjectId
vw_MediaPortGroup_PortCountOnVmsServer.ObjectId
vw_MediaPortGroup_PortCountOnVmsServer.VmsServerObjectId
vw_MediaPortGroupCodec.ObjectId
vw_MediaPortGroupCodec.MediaPortGroupObjectId
vw_MediaPortGroupCodec.RtpCodecDefObjectId
vw_MediaPortGroupIPPort.ObjectId
vw_MediaPortGroupIPPort.VmsServerObjectId
vw_MediaPortGroupIPPort.MediaPortGroupObjectId
vw_MediaPortGroupTemplate.ObjectId
vw_MediaPortGroupTemplate.MediaSwitchModelObjectId
vw_MediaRemoteService.ObjectId

vw_MediaRemoteService.MediaPortGroupObjectId
vw_MediaRemoteService.MediaSwitchObjectId
vw_MediaSwitch.ObjectId
vw_MediaSwitch.MediaSwitchModelObjectId
vw_MediaSwitchManufacturer.ObjectId
vw_MediaSwitchModel.ObjectId
vw_MediaSwitchModel.MediaSwitchManufacturerObjectId
vw_MediaSwitchTrunk.ObjectId
vw_MediaSwitchTrunk.ToMediaSwitchObjectId
vw_MediaSwitchTrunk.FromMediaSwitchObjectId
vw_MenuEntry.CallHandlerObjectId
vw_MenuEntry.TargetHandlerObjectId
vw_MessageAgingPolicy.ObjectId
vw_MessageAgingRule.MessageAgingPolicyObjectId
vw_MessageAgingRule.ObjectId
vw_Nickname.ObjectId
vw_NotificationAllActiveDevices.SubscriberObjectId
vw_NotificationAllActiveDevices.MediaPortObjectId
vw_NotificationAllActiveDevices.MediaSwitchObjectId
vw_NotificationAllActiveDevices.MwiObjectId
vw_NotificationAllActiveDevices.DeviceObjectId
vw_NotificationAllActiveDevices.RuleObjectId
vw_NotificationAllActiveDevices.FailRuleObjectId
vw_NotificationAllActiveDevices.ScheduleSetObjectId
vw_NotificationDevice.SubscriberObjectId
vw_NotificationDevice.ObjectId
vw_NotificationDevice.MediaSwitchObjectId
vw_NotificationDevice.SmppProviderObjectId
vw_NotificationDeviceConversation.MediaSwitchObjectId
vw_NotificationDeviceConversation.ObjectId

vw_NotificationDeviceConversation.SubscriberObjectId
vw_NotificationDevicePager.MediaSwitchObjectId
vw_NotificationDevicePager.ObjectId
vw_NotificationDevicePager.SubscriberObjectId
vw_NotificationDeviceSMS.SmppProviderObjectId
vw_NotificationDeviceSMS.ObjectId
vw_NotificationDeviceSMS.SubscriberObjectId
vw_NotificationDeviceSMTP.ObjectId
vw_NotificationDeviceSMTP.SubscriberObjectId
vw_NotificationMwi.SubscriberObjectId
vw_NotificationMwi.ObjectId
vw_NotificationMwi.MediaPortObjectId
vw_NotificationMwi.MediaSwitchObjectId
vw_NotificationRule.SubscriberObjectId
vw_NotificationRule.ObjectId
vw_NotificationRule.NotificationDeviceObjectId
vw_NotificationRule.FailRuleObjectId
vw_NotificationRule.ScheduleSetObjectId
vw_NotificationRuleCriteria.NotificationRuleObjectId
vw_NotificationRuleEvent.NotificationRuleObjectId
vw_PersonalContact.ObjectId
vw_PersonalContact.UserObjectId
vw_PersonalContactPhone.PersonalContactObjectId
vw_PersonalContactPhoneNumber.PersonalContactObjectId
vw_PersonalContactPhoneNumber.UserObjectId
vw_PersonalDestination.SubscriberObjectId
vw_PersonalDestination.ObjectId
vw_PersonalDestinationGroup.ObjectId
vw_PersonalDestinationGroup.SubscriberObjectId
vw_PersonalDestinationGroupItem.PersonalDestinationGroupObjectId

vw_PersonalDestinationGroupItem.DestNotificationDeviceObjectId
vw_PersonalDestinationGroupItem.DestDtmfAccessIdObjectId
vw_PersonalDestinationGroupItem.DestPersonalDestinationObjectId
vw_PersonalDestinationGroupItem.DestPhoneNumberObjectId
vw_PersonalDestinationGroupItem.ObjectId
vw_PersonalDestinationGroupItemDetail.PersonalDestinationGroupObjectId
vw_PersonalDestinationGroupItemDetail.DestNotificationDeviceObjectId
vw_PersonalDestinationGroupItemDetail.DestDtmfAccessIdObjectId
vw_PersonalDestinationGroupItemDetail.DestPersonalDestinationObjectId
vw_PersonalDestinationGroupItemDetail.DestPhoneNumberObjectId
vw_PersonalDestinationGroupItemDetail.ObjectId
vw_PersonalDestinationGroupItemDetail.SubscriberObjectId
vw_PersonalGroup.ObjectId
vw_PersonalGroup.UserObjectId
vw_PersonalGroupMember.PersonalGroupObjectId
vw_PersonalGroupMember.MemberPersonalGroupObjectId
vw_PersonalGroupMember.MemberPersonalContactObjectId
vw_PersonalGroupMember.MemberUserObjectId
vw_PersonalGroupMember.MemberDistributionListObjectId
vw_PersonalGroupMember.ObjectId
vw_PersonalGroupMember.MemberContactObjectId
vw_PersonalGroupMemberDetail.PersonalGroupObjectId
vw_PersonalGroupMemberDetail.MemberPersonalGroupObjectId
vw_PersonalGroupMemberDetail.MemberPersonalContactObjectId
vw_PersonalGroupMemberDetail.MemberUserObjectId
vw_PersonalGroupMemberDetail.MemberDistributionListObjectId
vw_PersonalGroupMemberDetail.ObjectId
vw_PersonalGroupMemberDetail.UserObjectId
vw_PersonalGroupMemberDetail.MemberContactObjectId
vw_PersonalRule.ObjectId

vw_PersonalRule.DestPersonalDestinationObjectId
vw_PersonalRule.SubscriberObjectId
vw_PersonalRule.DestPersonalDestinationGroupObjectId
vw_PersonalRule.DestNotificationDeviceObjectId
vw_PersonalRule.DestDtmfAccessIdObjectId
vw_PersonalRule.DestPhoneNumberObjectId
vw_PersonalRule.PersonalRuleSetObjectId
vw_PersonalRule.DestCallActionObjectId
vw_PersonalRuleCaller.PersonalRuleObjectId
vw_PersonalRuleCaller.SubscriberObjectId
vw_PersonalRuleCaller.CallerPersonalGroupObjectId
vw_PersonalRuleCaller.CallerUserObjectId
vw_PersonalRuleCaller.CallerPersonalContactObjectId
vw_PersonalRuleCaller.ObjectId
vw_PersonalRuleCaller.CallerContactObjectId
vw_PersonalRuleDetail.ObjectId
vw_PersonalRuleDetail.DestPersonalDestinationObjectId
vw_PersonalRuleDetail.SubscriberObjectId
vw_PersonalRuleDetail.DestPersonalDestinationGroupObjectId
vw_PersonalRuleDetail.DestNotificationDeviceObjectId
vw_PersonalRuleDetail.DestDtmfAccessIdObjectId
vw_PersonalRuleDetail.DestPhoneNumberObjectId
vw_PersonalRuleDetail.PersonalRuleSetObjectId
vw_PersonalRuleDetail.ScheduleSetObjectId
vw_PersonalRuleDetail.DestCallActionObjectId
vw_PersonalRuleSet.ObjectId
vw_PersonalRuleSet.ScheduleSetObjectId
vw_PersonalRuleSet.SubscriberObjectId
vw_PersonalVoiceMailList.ObjectId
vw_PersonalVoiceMailList.UserObjectId

vw_PersonalVoiceMailListMember.PersonalVoiceMailListObjectId
vw_PersonalVoiceMailListMember.MemberPersonalVoiceMailListObjectId
vw_PersonalVoiceMailListMember.MemberSubscriberObjectId
vw_PersonalVoiceMailListMember.MemberDistributionListObjectId
vw_PersonalVoiceMailListMember.ObjectId
vw_PersonalVoiceMailListMember.MemberContactObjectId
vw_PersonalVoiceMailListMemberDisplay.PersonalVoiceMailListObjectId
vw_PersonalVoiceMailListMemberDisplay.MemberPersonalVoiceMailListObjectId
vw_PersonalVoiceMailListMemberDisplay.MemberSubscriberObjectId
vw_PersonalVoiceMailListMemberDisplay.MemberDistributionListObjectId
vw_PersonalVoiceMailListMemberDisplay.ObjectId
vw_PersonalVoiceMailListMemberDisplay.MemberContactObjectId
vw_PhoneNumber.Owner_UserObjectId
vw_PhoneNumber.ObjectId
vw_PhoneNumber.Owner_ContactObjectId
vw_Policy.ObjectId
vw_Policy.UserObjectId
vw_Policy.VmsObjectId
vw_Policy.RoleObjectId
vw_Policy.TargetVmsObjectId
vw_Policy.TargetUserObjectId
vw_Policy.TargetAgencyObjectId
vw_Policy.TargetHandlerObjectId
vw_Policy.TargetDistributionListObjectId
vw_Privilege.ObjectId
vw_RestrictionPattern.RestrictionTableObjectId
vw_RestrictionPattern.ObjectId
vw_RestrictionTable.ObjectId
vw_RestrictionTable.LocationObjectId
vw_Role.ObjectId

vw_RolePrivilegeMap.RoleObjectId
vw_RolePrivilegeMap.PrivilegeObjectId
vw_RoutingRule.ObjectId
vw_RoutingRule.Route_TargetHandlerObjectId
vw_RoutingRule.CallActionObjectId
vw_RoutingRuleCondition.ObjectId
vw_RoutingRuleCondition.RoutingRuleObjectId
vw_RtpCodecDef.ObjectId
vw_RtpCodecDefPacketSize.ObjectId
vw_RtpCodecDefPacketSize.RtpCodecDefObjectId
vw_Schedule.ObjectId
vw_Schedule.Owner_LocationObjectId
vw_Schedule.Owner_SubscriberObjectId
vw_Schedule.Owner_PersonalRuleSetObjectId
vw_ScheduleDetail.ObjectId
vw_ScheduleDetail.ScheduleObjectId
vw_ScheduleSet.ObjectId
vw_ScheduleSet.Owner_LocationObjectId
vw_ScheduleSet.Owner_SubscriberObjectId
vw_ScheduleSet.Owner_PersonalRuleSetObjectId
vw_ScheduleSetMemberMap.ScheduleSetObjectId
vw_ScheduleSetMemberMap.ScheduleObjectId
vw_ScopeDistributionListMember.DistributionListObjectId
vw_ScopeDistributionListMember.MemberUserObjectId
vw_ScopeDistributionListMember.ObjectId
vw_ScopeDistributionListMember.MemberContactObjectId
vw_Service.ObjectId
vw_SMPPPProvider.ObjectId
vw_SMPPPProvider.Owner_SubscriberObjectId
vw_SMPPPProvider.Owner_LocationObjectId

vw_SmtpAddress.LocationObjectId
vw_SmtpAddress.Object_UserObjectId
vw_SmtpAddress.Object_DistributionListObjectId
vw_SmtpAddress.Object_PersonalGroupObjectId
vw_SmtpAddress.Object_ContactObjectId
vw_SmtpServer.LocationObjectId
vw_SmtpServer.ObjectId
vw_StreamFile.ObjectId
vw_Subscriber.ObjectId
vw_Subscriber.CosObjectId
vw_Subscriber.LocationObjectId
vw_Subscriber.MediaSwitchObjectId
vw_Subscriber.CallHandlerObjectId
vw_Subscriber.Exit_TargetHandlerObjectId
vw_Subscriber.ExitCallActionObjectId
vw_Subscriber.SynchScheduleObjectId
vw_Subscriber_List.ObjectId
vw_Subscriber_MediaSwitchAssocCounts.ObjectId
vw_Subscriber_MediaSwitchAssocCounts.MediaSwitchObjectId
vw_Subscriber_MediaSwitchAssocCounts_NonEmpty.MediaSwitchObjectId
vw_Subscriber_MediaSwitchAssocCounts_NonEmpty.ObjectId
vw_Subscriber_PrimaryDtmf.ObjectId
vw_Subscriber_VoiceFileName.ObjectId
vw_SubscriberContact.LocationObjectId
vw_SubscriberContact.ObjectId
vw_SubscriberContact.StreamFileObjectId
vw_SubscriberContact.DeliveryLocationObjectId
vw_SubscriberContact.CallHandlerObjectId
vw_SubscriberExternalServiceMap.SubscriberObjectId
vw_SubscriberExternalServiceMap.ExternalServiceObjectId

vw_SubscriberExternalServiceMapDetail.SubscriberObjectId
vw_SubscriberExternalServiceMapDetail.ExternalServiceObjectId
vw_SubscriberPolicy.policyobjectid
vw_SubscriberPolicy.roleobjectid
vw_SubscriberPolicy.targethandlerobjectid
vw_SubscriberPolicy.userobjectid
vw_SubscriberReference.ObjectId
vw_SubscriberTemplate.ObjectId
vw_SubscriberTemplate.CosObjectId
vw_SubscriberTemplate.LocationObjectId
vw_SubscriberTemplate.MediaSwitchObjectId
vw_SubscriberTemplate.ExitCallActionObjectId
vw_SubscriberTemplate.CallHandlerObjectId
vw_SubscriberTemplate.MailboxStoreObjectId
vw_SubscriberTemplate.Exit_TargetHandlerObjectId
vw_SubscriberTemplate.SynchScheduleObjectId
vw_SubscriberTemplate.MessageAgingPolicyObjectId
vw_TaskContext.TaskPeriodicObjectId
vw_TaskPeriodic.ObjectId
vw_TransferOption.CallHandlerObjectId
vw_TransferOption.MediaSwitchObjectId
vw_TreeControlNode.ObjectId
vw_TreeControlNode.ParentObjectId
vw_User.ObjectId
vw_User.CosObjectId
vw_User.LocationObjectId
vw_UserCredentialHistory.UserObjectId
vw_UserMailboxMap.UserObjectId
vw_UserMailboxMap.MailboxStoreObjectId
vw_UserNonSubscriber.ObjectId

vw_UserNonSubscriber.CosObjectId
vw_UserNonSubscriber.LocationObjectId
vw_UserPrimarySmtpAddress.UserObjectId
vw_UserTemplate.ObjectId
vw_UserTemplate.CosObjectId
vw_UserTemplate.LocationObjectId
vw_UserTemplate.MailboxStoreObjectId
vw_UserTemplate.MessageAgingPolicyObjectId
vw_VMSServer.ObjectId
vw_VMSServer.VmsTemplateObjectId
vw_VMSServer.VmsServerObjectId
vw_VMSTemplate.ObjectId
vw_VMSTemplate.VmsTemplateObjectId
vw_VMSTemplateDisplay.ObjectId
vw_VMSTemplateDisplay.VmsTemplateObjectId
vw_WaveFormat.ObjectId

4.80. ObjectType

Type of object such as user, role, call handler, etc.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Reserved		Reserved - not assigned to an object.
1	User		User account type.
10	UserTemplate		Template for creating a new user.
100	PersonalGroup		Group owned by a Unity user.
102	PersonalContact		Personal address book type information for persons who are not Unity voice mail users.
103	RoutingRule	routing rule	System call routing rule.
11	CredentialPolicy		Credential (i.e., password) policy for user accounts.
12	RestrictionTable		A table containing a list of phone numbers subscribers can use for transferring calls, recording and playback by phone from Cisco Unity Connection applications, delivering faxes to a fax machine, and sending message notifications.
13	Role		A collection of privileges that control administrative access to the system.
14	Privilege		Discrete rights granted to perform an operation on a type of resource.
15	Policy		Grants a user a Role in a particular area.
16	DirectoryObject		
17	PDLMember		Associates a user as a member of a system PDL.
18	ScopeDistList		
19	ScopeDistListMember		
2	DistList		System distribution list.
20	Unknown		Unknown object type.

Value	Name	Display Name	Description
21	Subscriber		User that has a subscription to a voice mail service and as such also is assigned at least one mailbox.
22	Contact		A user in a remote mail system.
3	CallHandler		CallHandler
5	InterviewHandler		Special case call handler that asks the caller up to 20 questions.
6	DirectoryHandler		Directory Handler used to search a subset of the directory. Formerly referred to as "NameLookupHandler."
64	PersonalDL		Holds members of a voice mail user's private distribution list.
65	TransferRule		Transfer rule for contacting a voice mail user. Formerly referred to as "Contact Rule."
66	GreetingRule		Defines the greeting to play and the action to take for a call handler. Formerly referred to as "Messaging Rule."
67	MenuEntry		Touch-tone menu entry for a call handler.
68	RestrictionPattern		The number or number pattern to be locked or allowed in Restriction table.
69	InterviewQuestion		A question associated with an interview handler.
7	Schedule		A schedule.
70	NotificationMWI		Special type of notification device used to set/clear message waiting indication on phone.
71	NotificationDevice		Set of parameters for phone, fax or pager for notification of new messages.
72	NotificationRule		Specifies when and which notification device is used for notification of a new message.
8	COS		Class of service.
9	Location		
95	LocationVPIM		VPIM location.
97	LocationBridge		Bridge location.
98	LocationAMIS		AMIS location.
99	LocationVMS		A Virtual Messaging System (VMS) location.

Column References

The following list of table/view columns use this custom type:

[tbl_Handler.ObjectType](#)

[vw_Handler.ObjectType](#)

[vw_RoutingRule.Route_TargetHandlerObjectType](#)

4.81. PersonalRuleTimeRangeType

Defines how time range for a personal rule should be utilized.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	NotIncluded		Not included - time range not included.
1	Between		Between - time range between which rule is active.
2	NotBetween		Not between - time range not between which rule is active

Column References

The following list of table/view columns use this custom type:

[tbl_PersonalRule.TimeRangeIndicatesActiveHours](#)

[vw_PersonalRule.TimeRangeIndicatesActiveHours](#)

[vw_PersonalRuleDetail.TimeRangeIndicatesActiveHours](#)

4.82. PhoneNumber

Phone number.

Additional Information

Length of 255 is required to support SIP format phone numbers.

Data Type and Data Length

SQL Data Type/Length : varchar (255 characters)

Valid Length

Min: 1 characters

Max: 255 characters

Valid Characters

Regular Expression: `^[a-zA-Z0-9 #_\.@,::\+\\%\"'()~*!&=\$]*$`

Expression Description:

For SIP, based on user@server.com portion of the address from <http://www.faqs.org/rfcs/rfc3261.html>, the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (()), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.

Column References

The following list of table/view columns use this custom type:

[tbl_PersonalContactPhone.PhoneNumber](#)

[tbl_PersonalContactPhone.SearchablePhoneNumber](#)

[tbl_PhoneNumber.PhoneNumber](#)

[tbl_PhoneNumber.SearchablePhoneNumber](#)

[vw_PersonalContactPhone.PhoneNumber](#)

[vw_PersonalContactPhone.SearchablePhoneNumber](#)

[vw_PersonalContactPhoneNumber.PhoneNumber](#)

[vw_PersonalContactPhoneNumber.SearchablePhoneNumber](#)

[vw_PhoneNumber.PhoneNumber](#)

[vw_PhoneNumber.SearchablePhoneNumber](#)

4.83. PhoneNumberE123

Extension or phone number that Unity can place calls with.

Additional Information

This is more restrictive than PhoneNumber, which is used primarily for inbound call matching.

Data Type and Data Length

SQL Data Type/Length : nvarchar (40 characters)

Valid Characters

Regular Expression: `^[0-9Tt#\[*,\]]*$`

Expression Description:

Digits, hash, T or t, comma, asterisk.

Column References

The following list of table/view columns use this custom type:

[tbl_MailboxStoreMap.DialString](#)

[tbl_NotificationDeviceConversation.PhoneNumber](#)

[tbl_NotificationDevicePager.PhoneNumber](#)

[tbl_PersonalDestination.PhoneNumber](#)

[tbl_TransferOption.Extension](#)

[vw_Contact.TransferExtension](#)

[vw_ExternalService.DialString](#)

[vw_MailboxStoreMap.DialString](#)

[vw_NotificationDevice.PhoneNumber](#)

[vw_NotificationDeviceConversation.PhoneNumber](#)

[vw_NotificationDevicePager.PhoneNumber](#)

[vw_PersonalDestination.PhoneNumber](#)

[vw_SubscriberExternalServiceMapDetail.DialString](#)

[vw_TransferOption.Extension](#)

[vw_UserMailboxMap.DialString](#)

4.84. PhoneNumberE123_Required

Extension or phone number that Unity can place calls with.

Additional Information

This is more restrictive than PhoneNumber, which is used primarily for inbound call matching.

Data Type and Data Length

SQL Data Type/Length : nvarchar (40 characters)

Valid Characters

Regular Expression: ^[0-9Tt#*,]+\$

Expression Description:

Digits, hash, T or t, comma, asterisk.

Column References

The following list of table/view columns use this custom type:

[tbl_NotificationMwi.MwiExtension](#)

[vw_NotificationAllActiveDevices.MwiExtension](#)

[vw_NotificationMwi.MwiExtension](#)

4.85. PhoneType

Type of phone number.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
1	WorkPhone		Primary work (business or office) telephone number.
10	Assistant		Telephone number for assistant such as in an executive and executive assistant relationship.
11	TTYTDD		Text Telephone (TTY) and/or Telecommunications Device for the Deaf (TDD) service for the hearing impaired.
14	Other1		First other (spare) telephone number.
15	Other2		Second other (spare) telephone number.
16	Other3		Third other (spare) telephone number.
17	Other4		Fourth other (spare) telephone number.
18	Other5		Fifth other (spare) telephone number.
19	Other6		Sixth other (spare) telephone number.
2	WorkPhone2		Secondary work (business or office) telephone number.
20	Other7		Seventh other (spare) telephone number.
21	Other8		Eighth other (spare) telephone number.
22	Other9		Ninth other (spare) telephone number.
23	Other10		Tenth other (spare) telephone number.
24	Other11		Eleventh other (spare) telephone number.
25	Other12		Twelveth other (spare) telephone number.

Value	Name	Display Name	Description
26	Other13		Thirteenth other (spare) telephone number.
27	Other14		Fourteenth other (spare) telephone number.
28	Other15		Fifteenth other (spare) telephone number.
29	Other16		Sixteenth other (spare) telephone number.
3	HomePhone		Primary home telephone number.
30	Other17		Seventeenth other (spare) telephone number.
31	Other18		Eighteenth other (spare) telephone number.
32	Other19		Nineteenth other (spare) telephone number.
33	Other20		Twentieth other (spare) telephone number.
4	HomePhone2		Secondary home telephone number.
5	MobilePhone		Primary mobile (cell) telephone number.
6	MobilePhone2		Secondary mobile (cell) telephone number.
7	WorkFax		Primary work (business or office) fax delivery telephone number.
8	WorkFax2		Secondary work (business or office) fax delivery telephone number.
9	HomeFax		Home fax delivery telephone number.

Column References

The following list of table/view columns use this custom type:

[tbl_PersonalContactPhone.PhoneType](#)

[tbl_PhoneNumber.PhoneType](#)

[vw_PersonalContactPhone.PhoneType](#)

[vw_PersonalContactPhoneNumber.PhoneType](#)

[vw_PhoneNumber.PhoneType](#)

4.86. PlayWhatType

Type of greeting to play for a call handler or subscriber, e.g., "System," "Recording," or "Blank."

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	SystemGreeting		System greeting - Cisco Unity Connection plays a prerecorded greeting along with the recorded name of the subscriber (for example, "Sorry, <subscriber name> is not available"). If the subscriber does not have a recorded name, Cisco Unity Connection plays the subscriber extension instead. When a greeting is enabled but not recorded, Cisco Unity Connection plays a prerecorded system greeting.
1	RecordedGreeting		Recorded greeting - use a personal recording for the call handler (or subscriber). This can be recorded over the phone or from the Cisco Unity Connection Administration and CPCA administrative interfaces on the call handler/subscriber.
2	NoGreeting		No greeting is played.

Column References

The following list of table/view columns use this custom type:

[tbl_Greeting.PlayWhat](#)

[vw_Greeting.PlayWhat](#)

[vw_GreetingDisplay.PlayWhat](#)

4.87. RequestedState

The requested state for a role.

Additional Information

This custom type is duplicated in UnityDynDb and must be maintained in both places.

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Disabled		Change the role state to disabled is requested.
1	Stopped		Change the role state to stopped is requested.
-1	None		No state changes have been requested.
12	Restart		Restart the role.
2	Standby		Change the role state to standby is requested.
3	Active		Change the role state to active is requested.

Column References

The following list of table/view columns use this custom type:

4.88. RequireSecureMessages

Options for secure messages

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	ALWAYS	Always	Always mark secure
2	NEVER	Never	Never mark secure
3	ASK	Ask	Ask
4	PRIVATE	Private	Set private messages secure

Column References

The following list of table/view columns use this custom type:

[tbl_Cos.RequireSecureMessages](#)

[vw_Cos.RequireSecureMessages](#)

4.89. ResourceType

Objects of value that a user or system can access. Resources that can have privileges assigned to them.

Additional Information

The list of Resource Types is derived from the Default Privileges for Default Administrative Roles as specified in Table 6.1 of the Cisco Unity Connection Kubrick Topology Admin FRD.

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	Networking		Managing networking (Unity networking, dialing domains, delivery locations for foreign voice messaging systems)
10	SharedDistributionLists		Managing Shared Distribution Lists.
11	RestrictionTables		Managing restriction tables and restriction patterns.
12	RoutingRules		Managing call routing rules.
13	Schedules		Managing system schedules and holidays.
14	AdminRegion		Managing Administrative Regions. For example, the privilege to add/remove VMS configurations to/from an administrative region, or view a list of VMS configurations that compose an administrative region.
15	Organization		Managing Unity organization. For example, the privileges to change the name of the organization, add/remove administrative regions to/from an organization, or view a list of administrative regions and VMS configurations that compose the Unity organization.
16	Server		Managing server(s) in a VMS configuration. For example, the privileges to add/delete a front-end or back-end server to/from the VMS configuration, activate/deactivate a server role on a VMS configuration.

Value	Name	Display Name	Description
17	ServerRoleTemplates		Managing server role templates. For example, the privileges to read/update VMS server role templates.
18	UserGroups		Managing user groups. For example, the privileges to add/delete users to/from a user group, or create/delete a user group.
19	CallHandlers		Managing call handlers, call handler templates, and interview handlers. For example, the privileges to create/delete call and interview handlers, or to read/update call and interview handlers and call handler templates.
2	AdminRoles		Managing administrative roles (includes managing user to role relationships)
20	VMSConfigSettings		Managing VMS server configuration settings, Report system settings and licensing settings. For example, the privileges to read/update the system's recording settings, phone and GUI language settings, voice messaging port settings, enable/disable a VMS configuration's participation in the Unity Organization license pool, etc.
21	SystemReports		Run system reports and execute system reporting tools. For example, the privileges to run any of the System Reports such as the Administrative Access Report and any of the system reporting tools such as the Port Usage Analyzer tool.
22	SubscriberReports		Run subscriber and mailbox reports. For example, the privileges to run any of the subscriber reports such as the Subscriber Message Activity Report or any of the Mailbox reports such as the Mailbox Database Information Report.
23	ViewReports		View all reports. The privileges to view all system, subscriber and mailbox reports.
24	ResetUserPassword		Reset user passwords or PINs, and unlock user accounts.
25	ResetAdminPassword		Reset administrative user account passwords and unlock administrative user accounts. For example, the privileges to reset the password for a user assigned the role of a 'Technician.'

Value	Name	Display Name	Description
26	CredentialPolicies		Managing Cisco Unity Connection security and user account lockout policies. For example, the privileges to read/update GUI/phone password restrictions and account lockout policies.
27	AdminTools		Run all administration tools. For example, the privileges to run Disaster Recovery Backup/Restore tool, Subscriber Information Dump, TTY Angel, etc.
28	DiagnosticAudioTools		Run ALL diagnostic, audio management and phone system integration tools. For example, the privileges to run the Set Record Format tool, CodecChecker tool, Cisco Unity Connection Performance Information and Diagnostics tool, Integration Monitor, Call Viewer, etc.
29	StatusMonitor		Run status monitor application for monitoring system activity.
3	Users		Managing users
30	PhoneSystem		Phone system.
31	SystemConfigurationObjects		View and retrieve Configuration objects, localized text, and TreeControlNodes.
32	SQLCredential		IF (@NumericId IS NOT NULL) RAISERROR({ GetExceptionCode("EXCEPT <@SEVERITY_INVALID_PARAMETER/>, 1, 'NULL', '0') <@StoredProcReturn GetExceptionCode("EXCEPTION_PARAMETER
33	Greetings	Greeting	Managing Greetings. For example, the privilege to change the greeting for a call handler via the TUI.
34	Agency	Agency	Agency. Used by Community Voice Mail feature.
35	WebService		Web service access.
36	InterviewHandlers		Managing interview handlers
37	ServiceabilityPage	Access serviceability page	Access serviceability page
38	VPIM		VPIM controls
4	UserNames		Changing User Name Attributes.
5	UsersBulk		Managing users in bulk.
6	UserTemplates		Managing user templates.
7	MailboxDatabases		Managing mailbox databases.
8	COS		Managing COS.
9	DirectoryHandlers		Managing directory handlers.

Column References

The following list of table/view columns use this custom type:

`tbl_Privilege.ResourceType`

`vw_CurrentPrivileges.ResourceType`

`vw_Privilege.ResourceType`

4.90. RoutingRuleCallType

The type of call received

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Internal		
1	External		
2	Both		

Column References

The following list of table/view columns use this custom type:

[tbl_RoutingRule.CallType](#)

[vw_RoutingRule.CallType](#)

[vw_RoutingRuleCondition.CallType](#)

4.91. RoutingRuleFlags

Specifies whether a rule can be deleted and/or edited.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Immutable		Immutable - cannot be edited or deleted.
1	Deletable		Deletable - can be deleted.
2	Editable		Editable - can be edited.
3	EditableAndDeletable		Editable and deletable - can be edited and deleted.

Column References

The following list of table/view columns use this custom type:

[tbl_RoutingRule.Flags](#)

[vw_RoutingRule.Flags](#)

4.92. RoutingRuleOperator

Routing rule operator

Additional Information

Equals, less than, etc. - the standard operators.

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	IN	IN	IN Operator
2	EQ	Equals	Equals operator
3	GT	Greater than	Greater than operator
4	LT	Less than	Less than operator
5	LTE	Less than or equal	Less than or equal operator
6	GTE	Greater than or equal	Greater than or equal operator

Column References

The following list of table/view columns use this custom type:

[tbl_RoutingRuleCondition.Operator](#)

[vw_RoutingRuleCondition.Operator](#)

4.93. RoutingRuleParameter

Type of parameter in a routing rule, such as "dialed number" or "port id".

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
1	CallingNumber	CallingNumber	CallingNumber
2	DialedNumber	DialedNumber	DialedNumber
3	ForwardingStation	ForwardingStation	ForwardingStation
4	Origin	Origin	Origin
5	PortID	PortID	PortID
6	Reason	Reason	Reason
7	Schedule	Schedule	Schedule
8	TrunkID	TrunkID	TrunkID

Column References

The following list of table/view columns use this custom type:

[tbl_RoutingRuleCondition.Parameter](#)

[vw_RoutingRuleCondition.Parameter](#)

4.94. RoutingRuleType

Type of rule based on call type (direct, forwarded, or system).

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
1	Direct		Direct - calls from subscribers and unidentified callers that are dialed directly to Cisco Unity Connection.
2	Forwarded		Forwarded - calls forwarded from specific extensions are routed according to the defined rules.
3	System		System - both calls from unidentified callers or calls forwarded from an extension that is not associated with a subscriber account are routed to the Opening Greeting via the "Default Call Handler" rule. This is the last rule in the routing rule table

Column References

The following list of table/view columns use this custom type:

[tbl_RoutingRule.Type](#)

[vw_RoutingRule.Type](#)

4.95. RTPPacketSizeMs

RTP packet size in milliseconds

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Valid Integer Range

Min: 0 Max: 100

Column References

The following list of table/view columns use this custom type:

[tbl_MediaPortGroupCodec.PreferredPacketSizeMs](#)

[tbl_RtpCodecDefPacketSize.PacketSizeMs](#)

[vw_MediaPortGroupCodec.PreferredPacketSizeMs](#)

[vw_RtpCodecDefPacketSize.PacketSizeMs](#)

4.96. RuleAlias

The format for generating an alias for a new user.

Additional Information

If the organization uses a format other than those defined, a value of 0 should be used.

Unused

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	None		None - format other than those defined by values 1-3.
1	FirstletterFirstnameLastname		First letter of the first name plus the last name. For example, JSmith.
2	FirstnameFirstletterLastname		First name plus the first letter of the last name. For example, JohnS.
3	FirstnameLastname		First name plus the last name. For example, JohnSmith.

Column References

The following list of table/view columns use this custom type:

4.97. RuleCallerInclusiveCondition

Possible "IsInclusive" conditions for PA rules.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	CallConditionNotInclusive		Caller condition not inclusive
1	FromCaller		Inclusive only from caller.
2	NotFromCaller		Inclusive only when not from caller.

Column References

The following list of table/view columns use this custom type:

[tbl_PersonalRule.IsInclusive](#)

[vw_PersonalRule.IsInclusive](#)

[vw_PersonalRuleDetail.IsInclusive](#)

4.98. RuleCallerInternalCondition

Possible "IsInternal" conditions for PA rules.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	NotSet		Not set - caller condition is not applicable.
1	Internal		Internal condition.
2	External		External condition.

Column References

The following list of table/view columns use this custom type:

[tbl_PersonalRule.IsInternal](#)

[vw_PersonalRule.IsInternal](#)

[vw_PersonalRuleDetail.IsInternal](#)

4.99. RuleMeetingCondition

Possible meeting conditions (for PA rules).

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	NotSet		Not set - meeting condition is not applicable.
1	NotInMeeting		Not in meeting.
2	InMeeting		In meeting.

Column References

The following list of table/view columns use this custom type:

[tbl_PersonalRule.InMeeting](#)

[vw_PersonalRule.InMeeting](#)

[vw_PersonalRuleDetail.InMeeting](#)

4.100. RuleState

State of the rule (active, inactive, or invalid).

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Active		Active - rule is active.
1	Inactive		Inactive - rule is inactive.
2	Invalid		Invalid - the rule is invalid.

Column References

The following list of table/view columns use this custom type:

[tbl_RoutingRule.State](#)

[vw_RoutingRule.State](#)

4.101. SearchScope

Search scope of directory handler search, e.g., location, dialing domain, global, etc.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	VMS		VMS - directory handler search restricted to the local VMS.
1	DialingDomain		Dialing domain - directory handler search restricted to a dialing domain.
2	Global		Global - directory handler search expanded to the entire Unity organization (global).
3	Location		Location - directory handler search restricted to a Unity location.
4	DistributionList		Distribution list - directory handler search is restricted to a distribution list.
5	COS		COS - directory handler search restricted to a class of service.

Column References

The following list of table/view columns use this custom type:

[tbl_DirectoryHandler.SearchScope](#)

[vw_DirectoryHandler.SearchScope](#)

4.102. SendConverationType

Type of message send conversation.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	STANDARD		Standard
1	STREAMLINED		Streamlined

Column References

The following list of table/view columns use this custom type:

[tbl_UserSubscriber.SendConv](#)

[vw_Subscriber.SendConv](#)

[vw_SubscriberTemplate.SendConv](#)

4.103. SendUrgentInterviewMsg

Controls whether an unidentified caller can mark an interview message as "urgent."

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Normal		Normal - interview messages left by unidentified calls are always marked normal.
1	Urgent		Urgent - all interview messages left by unidentified calls are always marked urgent.
2	Ask		Ask - Cisco Unity Connection asks unidentified callers whether to mark their interview messages normal or urgent.

Column References

The following list of table/view columns use this custom type:

[tbl_InterviewHandler.SendUrgentMsg](#)

[vw_InterviewHandler.SendUrgentMsg](#)

4.104. ServerName

Name of a server computer.

Additional Information

Data Type and Data Length

SQL Data Type/Length : `lvvarchar (512 characters)`

Valid Length

Min: 1 characters

Max: 512 characters

Column References

The following list of table/view columns use this custom type:

4.105. SipG711Packetization

The interval (in milliseconds) when negotiating G711 codec (using the SDP header,ptime:)

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
10	10ms		10 millisecond interval.
20	20ms		20 millisecond interval.
30	30ms		30 millisecond interval.

Column References

The following list of table/view columns use this custom type:

4.106. SipG729Packetization

The interval (in milliseconds) when negotiating G729 codec (using the SDP header,ptime:)

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
10	10ms		10 millisecond interval.
20	20ms		20 millisecond interval.
30	30ms		30 millisecond interval.
40	40ms		40 millisecond interval.
50	50ms		50 millisecond interval.
60	60ms		60 millisecond interval.

Column References

The following list of table/view columns use this custom type:

4.107. SipOutgoingPreferredFormat

The preferred wave format for outgoing messages via SIP.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
0	G711		G711 codec.
1	G729		G729 codec.

Column References

The following list of table/view columns use this custom type:

4.108. SIPTransportProtocol

Transport protocols used for SIP sessions.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
10	UDP		UDP - Uniform Datagram Protocol.
11	TCP		TDP - Transport Control Protocol.

Column References

The following list of table/view columns use this custom type:

[tbl_MediaPortGroup.SipTransportProtocolEnum](#)

[tbl_MediaPortGroupTemplate.Copy_SIPTransportProtocolEnum](#)

[vw_MediaPortGroup.SipTransportProtocolEnum](#)

[vw_MediaPortGroupTemplate.Copy_SIPTransportProtocolEnum](#)

4.109. SkinnySecurityMode

Possible security levels for SCCP sessions.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Insecure	Non-Secure	Insecure - normal non-TLS connection.
1	Authenticated		Authenticated - TLS connection with cipher NULL-SHA.
2	Encrypted		Encrypted - data is encrypted.

Column References

The following list of table/view columns use this custom type:

[tbl_MediaPort.SkinnySecurityModeEnum](#)

[vw_MediaPort.SkinnySecurityModeEnum](#)

4.110. SkinnyStateMachine

Indicates whether the integration is with CCM or CCME.

Additional Information

This column is used to switch on a special state engine in the Skinny TSP for Cisco CallManager Express.

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
10	CCM		Cisco Unified Communications Manager
20	CCME		Cisco CallManager Express

Column References

The following list of table/view columns use this custom type:

[tbl_MediaRemoteService.SkinnyStateMachineEnum](#)

[vw_MediaRemoteService.SkinnyStateMachineEnum](#)

4.111. SMSPriorityFlag

The priority level of an SMS message.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Level0		Level 0 (lowest) priority.
1	Level1		Level 1 priority.
2	Level2		Level 2 priority.
3	Level3		Level 3 (highest) priority.

Column References

The following list of table/view columns use this custom type:

[tbl_SMPPProvider.priority_flag](#)

[vw_SMPPProvider.priority_flag](#)

4.112. SmtetAddress

SMTP address used by Alias.SmtetAddress. This is the address used to address messages to users, contacts, and distribution lists. The address is in the format of "someone@somewhere" or "someone@somewhere.com"

Additional Information

The syntax specification defined by the Messaging Team for this column is based on RFC 1035 (Domain Names - Implementation and Specification) and RFC 2282 (Internet Message Format). The syntax allows "host name" and FQDN as valid domain name.

Syntax specification:

SMTP Address= Local-Part '@' Domain Name where

Local-Part (Max size : 64)

- * Uppercase and lowercase letters
- * The digits 0 through 9
- * The characters ! # \$ % & ' * + - / = ? ^ _ ` { | } ~
- * The character '.' is allowed but it cannot be the first or last character in the local-part.

Also there cannot be consecutive periods. For example: a..b@c is invalid.

```
<domain> ::= <subdomain> | " "
<subdomain> ::= <label> | <subdomain> "." <label>
<label> ::= <letter> [ [ <ldh-str> ] <let-dig> ]
<ldh-str> ::= <let-dig-hyp> | <let-dig-hyp> <ldh-str>
<let-dig-hyp> ::= <let-dig> | "-"
```

The labels must follow the rules for ARPANET host names. They must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.

Data Type and Data Length

SQL Data Type/Length : lvarchar (320 characters)

Valid Length

Min: 0 characters

Max: 320 characters

Valid Characters

Regular

Expression: $^([\backslash w\backslash !\#\$\%&'\ast+/-=?^_` \{\} \sim]+([\backslash .]?[\backslash w\backslash !\#\$\%&'\ast+/-=?^_` \{\} \sim]+)^)+@((([a-zA-Z]([\backslash -a-zA-Z\backslash d]*[a-zA-Z\backslash d])?.)+([a-zA-Z\backslash d])+)$$

Expression Description:

SMTP Address= Local-Part '@' Domain Name where

Local-Part (Max size : 64)

- * Uppercase and lowercase letters
- * The digits 0 through 9
- * The characters ! # \$ % & ' * + - / = ? ^ _ ` { | } ~
- * The character '.' is allowed but it cannot be the first or last character in the local-part. Also there cannot be consecutive periods. For example: a..b@c is invalid.

```
<domain> ::= <subdomain> | " "
<subdomain> ::= <label> | <subdomain> "." <label>
<label> ::= <letter> [ [ <ldh-str> ] <let-dig> ]
```

<ldh-str> ::= <let-dig-hyp> | <let-dig-hyp> <ldh-str>

<let-dig-hyp> ::= <let-dig> | "-"

label must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.

Column References

The following list of table/view columns use this custom type:

[tbl_Alias.SmtetAddress](#)

[vw_Alias.SmtetAddress](#)

[vw_SmtetAddress.SmtetAddress](#)

[vw_Subscriber.SmtetAddress](#)

[vw_User.SmtetAddress](#)

[vw_UserNonSubscriber.SmtetAddress](#)

4.113. SubscriberReferenceType

Defines the type of reference returned from the vw_HandlerReference and vw_SubscriberReference views.

Additional Information

Data Type and Data Length

SQL Data Type/Length : nvarchar (24 characters)

Possible Values

Value	Name	Display Name	Description
AfterGreeting	AfterGreeting	AfterGreeting	Reference from call handler's "AfterGreeting" action.
AfterMessage	AfterMessage	AfterMessage	Reference from call handler's "AfterMessage" action.
Exit	Exit	Exit	Reference from a directory handler's "Exit" action.
NoInput	NoInput	NoInput	Reference from a directory handler's "NoInput" action.
NoSelection	NoSelection	NoSelection	Reference from a directory handler's "NoSelection" action.
RoutingRule	RoutingRule	RoutingRule	Reference from a routing rule's "Action".
TT*	TT_Star	TT*	Reference from call handler's TT* menu entry.
TT#	TT_Pound	TT#	Reference from call handler's TT# menu entry.
TT0	TT0	TT0	Reference from call handler's TT0 menu entry.
TT1	TT1	TT1	Reference from call handler's TT1 menu entry.
TT2	TT2	TT2	Reference from call handler's TT2 menu entry.
TT3	TT3	TT3	Reference from call handler's TT3 menu entry.
TT4	TT4	TT4	Reference from call handler's TT4 menu entry.
TT5	TT5	TT5	Reference from call handler's TT5 menu entry.
TT6	TT6	TT6	Reference from call handler's TT6 menu entry.
TT7	TT7	TT7	Reference from call handler's TT7 menu entry.

Value	Name	Display Name	Description
TT8	TT8	TT8	Reference from call handler's TT8 menu entry.
TT9	TT9	TT9	Reference from call handler's TT9 menu entry.
Zero	Zero	Zero	Reference from a directory handler's "Zero" action.

Column References

The following list of table/view columns use this custom type:

4.114. TelephonyIntegrationMethod

Possible telephony integration methods.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
1	Skinny		Skinny Client Control Protocol (SCCP) integration method.
2	SIP		Session Initiation Protocol (SIP) integration method.
3	PIMG		Intel PBX IP Media Gateway (PIMG) integration method.

Column References

The following list of table/view columns use this custom type:

[tbl_MediaPort.TelephonyIntegrationMethodEnum](#)

[tbl_MediaPortGroup.TelephonyIntegrationMethodEnum](#)

[tbl_MediaPortGroupTemplate.Copy_TelephonyIntegrationMethodEnum](#)

[vw_chk_MediaPortGroup_NoUnitySIPPort.TelephonyIntegrationMethodEnum](#)

[vw_MediaPort.TelephonyIntegrationMethodEnum](#)

[vw_MediaPort_UsingMediaPortGroupIPPort.TelephonyIntegrationMethodEnum](#)

[vw_MediaPortGroup.TelephonyIntegrationMethodEnum](#)

[vw_MediaPortGroup_PortCountOnVmsServer.TelephonyIntegrationMethodEnum](#)

[vw_MediaPortGroupTemplate.Copy_TelephonyIntegrationMethodEnum](#)

4.115. TextName

The text name of an object or attribute. Use this instead of DisplayName when a column may contain NULL. This custom data type is identical to DisplayName except this type does not have a minimum length of 1.

Additional Information

Data Type and Data Length

SQL Data Type/Length : nvarchar (64 characters)

Valid Length

Min: 0 characters

Max: 64 characters

Valid Characters

Regular Expression: `^[^\x00-\x1F\x7F]*$`

Expression Description:

Any character except non-printing ASCII characters.

Column References

The following list of table/view columns use this custom type:

[tbl_DistributionListSet.DisplayName](#)

[tbl_DtmfAccessId.DisplayName](#)

[tbl_PhoneNumber.DisplayName](#)

[tbl_User.DisplayName](#)

[vw_DistributionListMemberTemplate.DisplayName](#)

[vw_DtmfAccessId.DisplayName](#)

[vw_NotificationAllActiveDevices.SubscriberDisplayName](#)

[vw_PhoneNumber.DisplayName](#)

[vw_Subscriber.DisplayName](#)

[vw_Subscriber_List.DisplayName](#)

[vw_Subscriber_MediaSwitchAssocCounts.DisplayName](#)

[vw_Subscriber_MediaSwitchAssocCounts_NonEmpty.DisplayName](#)

[vw_SubscriberPolicy.displayname](#)

vw_SubscriberTemplate.DisplayName

vw_User.DisplayName

vw_UserNonSubscriber.DisplayName

vw_UserTemplate.DisplayName

4.116. TimezoneDayOfWeek

Day of week.

Additional Information

The value 7 is used, but not sure what it means.

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Sunday		Sunday
1	Monday		Monday
2	Tuesday		Tuesday
3	Wednesday		Wednesday
4	Thursday		Thursday
5	Friday		Friday
6	Saturday		Saturday

Column References

The following list of table/view columns use this custom type:

[tbl_TimeZone.DaylightStartDayOfWeek](#)

[tbl_TimeZone.DaylightEndDayOfWeek](#)

[vw_TimeZone.DaylightStartDayOfWeek](#)

[vw_TimeZone.DaylightEndDayOfWeek](#)

4.117. TimezoneMonth

The month used to calculate daylight savings start and end month.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	DSTNotInEffect		DST not in effect
1	January		January
10	October		October
11	November		November
12	December		December
2	February		February
3	March		March
4	April		April
5	May		May
6	June		June
7	July		July
8	August		August
9	September		September

Column References

The following list of table/view columns use this custom type:

[tbl_TimeZone.DaylightStartMonth](#)

[tbl_TimeZone.DaylightEndMonth](#)

[vw_TimeZone.DaylightStartMonth](#)

[vw_TimeZone.DaylightEndMonth](#)

4.118. TimezoneWeek

Week number in the month.

Additional Information

0=first week, 1=second week, 2=third week, 3=fourth week, 5=Last Week

Not sure what a value of 4 means, but it is used in TZ_Tehran timezone.

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	DSTNotInEffect		DST not in effect
1	FirstWeek		First week in month
2	SecondWeek		Second week in month
3	ThirdWeek		Third week in month
4	FourthWeek		Fourth week in month
5	LastWeek		Last week of the month

Column References

The following list of table/view columns use this custom type:

[tbl_TimeZone.DaylightStartWeek](#)

[tbl_TimeZone.DaylightEndWeek](#)

[vw_TimeZone.DaylightStartWeek](#)

[vw_TimeZone.DaylightEndWeek](#)

4.119. TransferRuleAction

Action to take: attempt transfer, or play greeting.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	PlayGreeting		Play greeting - Cisco Unity Connection transfers the call to the call handler greeting.
1	Transfer		Transfer - Cisco Unity Connection transfers the call to the number in the "Extension" column in tbl_TransferOption.

Column References

The following list of table/view columns use this custom type:

[tbl_TransferOption.Action](#)

[vw_TransferOption.Action](#)

4.120. TransferRuleName

The valid names of the transfer rules for a call handler.

Additional Information

Data Type and Data Length

SQL Data Type/Length : nvarchar (64 characters)

Possible Values

Value	Name	Display Name	Description
Alternate	Alternate		Alternate - in effect at all times, overrides standard and offhours.
Off Hours	OffHours		Off hours - off or closed hours based on specified schedule.
Standard	Standard		Standard - standard hours based on specified schedule.

Column References

The following list of table/view columns use this custom type:

[tbl_TransferOption.TransferOptionType](#)

[vw_TransferOption.TransferOptionType](#)

4.121. TransferType

Types of supervision for call transfers.

Additional Information

Unsupervised transfer (also referred to as "Release to Switch" transfer) - Cisco Unity Connection puts the caller on hold, dials the extension, and releases the call to the phone system. When the line is busy or is not answered, the phone system (not Cisco Unity Connection) forwards the call to the subscriber or handler greeting. To use "Unsupervised" transfer, call forwarding must be enabled on the phone system

Supervised transfer - Cisco Unity Connection acts as a receptionist, handling the transfer. If the line is busy or the call is not answered, Cisco Unity Connection (not the phone system) forwards the call to the subscriber or handler greeting. Supervised transfer can be used regardless if the phone system forwards calls or not.

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Unsupervised		Unsupervised (release) transfer - just let the switch do the transfer, and do not stay on the line and take action on RNA or busy.
1	Supervised		Supervised transfer - listen for busy, ring no answer.

Column References

The following list of table/view columns use this custom type:

[tbl_Contact.TransferType](#)

[tbl_TransferOption.TransferType](#)

[vw_Contact.TransferType](#)

[vw_TransferOption.TransferType](#)

4.122. TypeOfNumber

Type of Number (TON) for ESME addresses. Used in SMPP (SMS) message notification.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Unknown		Unknown.
1	International		International.
2	National		National.
3	NetworkSpecific		Network specific.
4	SubscriberNumber		Subscriber number.
5	Alphanumeric		Alphanumeric.
6	Abbreviated		Abbreviated.

Column References

The following list of table/view columns use this custom type:

[tbl_SMPPProvider.addr_ton](#)

[tbl_SMPPProvider.source_addr_ton](#)

[tbl_SMPPProvider.dest_addr_ton](#)

[vw_SMPPProvider.addr_ton](#)

[vw_SMPPProvider.source_addr_ton](#)

[vw_SMPPProvider.dest_addr_ton](#)

4.123. UaAlternateExtension

Determines whether subscribers can view the administrator-defined alternate extensions, and whether subscribers can manage (add, modify, and delete) their own set of alternate extensions in the Cisco Unity Connection Assistant.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	NoAccess		No access - subscriber cannot view or manage alternate extensions.
1	ReadAccess		Read access - subscriber can view administrator-defined alternate extensions.
2	CUDAccess		CUD access - subscriber can manage (create, modify, and delete) their own subscriber-defined alternate extensions.
3	CRUDAccess		CRUD access - subscriber can view administrator-defined alternate extensions and manage (create, modify, and delete) their own subscriber-defined alternate extensions.

Column References

The following list of table/view columns use this custom type:

[tbl_Cos.UaAlternateExtensionAccess](#)

[vw_Cos.UaAlternateExtensionAccess](#)

4.124. VMSRoleFailAction

Indicates the action Cisco Unity Connection will take when a VMS server role fails.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	NoAction		No action - when a VMS server role fails, take no action.
1	RestartRole		Restart role - when a VMS server role fails, attempt to restart the VMS server role.
2	RestartUnity		Restart Cisco Unity Connection - when a VMS server role fails, stop and restart Unity to restart role.
3	StopUnity		Stop Cisco Unity Connection - when a VMS server role fails, stop Unity.

Column References

The following list of table/view columns use this custom type:

4.125. VMSRoleInstance

Indicates if one or more than one instance of a VMS role can be running on a Cisco Unity Connection VMS at any time.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
1	Single		Single - only one instance of the VMS role can be running at any time on a Cisco Unity Connection VMS.
2	Multiple		Multiple - many instances of the same VMS role can be running on multiple servers in a Cisco Unity Connection VMS at the same time.

Column References

The following list of table/view columns use this custom type:

4.126. VMSRoleStartState

Indicates the required start-up state for a VMS role.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	Disabled		Disabled - the role is installed on the server, but it is not configured. For the role to participate in the VMS, the administrator would need to configure the role and change the role state to active, standby, or stopped.
1	Stopped		Stopped - the role is configured on the server, but it is not running. For the role to participate in the VMS, the administrator would need to change the role state to active or standby.
2	Standby		Standby - the role is installed, configured, and running on the server, but it is not performing its designed task. It is waiting as a backup or hot spare to the active role performing the task. If the active task fails, the SRM may change the state of the role to active.
3	Active		Active - the role is installed, configured, running, and performing its designed task.

Column References

The following list of table/view columns use this custom type:

4.127. Volume

Playback volume as a percentage - 50 is usually the default.

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Valid Integer Range

Min: 0 Max: 100

Column References

The following list of table/view columns use this custom type:

[tbl_UserSubscriber.Volume](#)

[tbl_UserSubscriber.PromptVolume](#)

[vw_Subscriber.Volume](#)

[vw_Subscriber.PromptVolume](#)

[vw_SubscriberTemplate.Volume](#)

[vw_SubscriberTemplate.PromptVolume](#)

4.128. VpimAudioFormatIncoming

An enumeration indicating whether incoming VPIM messages from the remote system corresponding to this location should be converted to another audio format.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	NoConversion	No conversion	No conversion
1	SystemDefault	System default	System default

Column References

The following list of table/view columns use this custom type:

[tbl_LocationVPIM.AudioFormatIncoming](#)

[vw_LocationVPIM.AudioFormatIncoming](#)

4.129. VpimAudioFormatOutgoing

An enumeration indicating whether VPIM messages from Unity to the remote system corresponding to this location should be converted to another audio format.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	NoConversion	No conversion	No conversion.
1	SystemDefault	System default	System default

Column References

The following list of table/view columns use this custom type:

[tbl_LocationVPIM.AudioFormatOutgoing](#)

[vw_LocationVPIM.AudioFormatOutgoing](#)

4.130. VpimAutoCreateExtensionRule

An enumeration indicating how the phone number on incoming VPIM messages should be mapped to the extension for the auto-created contact.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	SameAsPhoneNumber		Extension is same as phone number
1	RemoveRemotePhonePrefix		Form extension by removing remote phone prefix from phone number
2	AddLocDialID		Form extension by adding location dial ID in front of phone number
3	SwitchRemoteWithDialId		Form extension by removing remote phone prefix from phone number, and then add location dial ID in front of phone number

Column References

The following list of table/view columns use this custom type:

[tbl_LocationVPIM.AutoCreateExtensionRule](#)

[vw_LocationVPIM.AutoCreateExtensionRule](#)

4.131. VpimCodec

Specifies the type of CODEC (primarily for VPIM) SENDER_CODEC_G711

Additional Information

Data Type and Data Length

SQL Data Type/Length : int (4 bytes)

Possible Values

Value	Name	Display Name	Description
12	GSM610		GSM610 CODEC
4	G711		G711 CODEC
8	G729		G729 CODEC

Column References

The following list of table/view columns use this custom type:

4.132. VpimEnableAutoUpdateContact

An enumeration indicating whether a contact is automatically updated when messages are received from senders at this location, and if so, under what condition the contact is updated.

Additional Information

Data Type and Data Length

SQL Data Type/Length : smallint (2 bytes)

Possible Values

Value	Name	Display Name	Description
0	NoAutoUpdate		No automatic update of contacts
1	AutoUpdateWhenName		Automatically update contact only when the text name changes
2	AutoUpdateWhenMessage		Automatically update contact with each VPIM message

Column References

The following list of table/view columns use this custom type:

[tbl_LocationVPIM.EnableAutoUpdateContact](#)

[vw_LocationVPIM.EnableAutoUpdateContact](#)

Chapter 5. Views

5.1. vw_Agency

A simple view for tbl_Agency.

Tracks the general information about a Community Voice Mail participating agency.

Additional Information

The Community Voice Mail organization utilizes Cisco Unity Connection to provide voice mail services to persons without access to a permanent phone number. A CVM "agency" is assigned a specific block of phone numbers. The agency distributes individual phone numbers from their assigned block of numbers to individuals who need help. A single Cisco Unity Connection VMS may contain several agencies.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AdministratorTemplateObjectId	char (36 characters)	The user template used to create new administrators for this agency.	ObjectID
	ClientCOSObjectId	char (36 characters)	The Class of Service to which clients belonging to this agency are assigned.	ObjectID
	ClientTemplateObjectId	char (36 characters)	The user template used when creating/resetting client mailboxes belonging to this agency.	ObjectID
	DisplayName	nvarchar (64 characters)	Preferred name of the agency to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an Agency object.	ObjectID

Stored Procedures

Name	Description
csp_AgencyCreate	Creates a new Community Voice Mail agency by inserting a new row into tbl_Agency.
csp_AgencyDelete	Deletes an Agency object from tbl_Agency as specified by the @ObjectId parameter.
csp_AgencyModify	Updates the attributes of an Agency object based on the values passed in via the parameters. The @ObjectId parameter identifies the Agency object that is updated.

Column Properties

AdministratorTemplateObjectId

Property Name	Value
Description:	The user template used to create new administrators for this agency.
Notes:	This is added to make it easier for a system admin to create new administrators for agencies on the box, but it's not strictly necessary to use it. So long as a subscriber is associated with the Policy noted in the AdministratorPolicyObjectId column, that user is considered an administrator for an agency.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Agency.AdministratorTemplateObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientCOSObjectId

Property Name	Value
Description:	The Class of Service to which clients belonging to this agency are assigned.
Notes:	All subscribers assigned to this COS are assumed to be clients of the designated agency. Each COS can only be assigned to a single agency. It is not possible for a single user to be a client of more than one agency at a time.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Agency.ClientCOSObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientTemplateObjectId

Property Name	Value
Description:	The user template used when creating/resetting client mailboxes belonging to this agency.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Agency.ClientTemplateObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	Preferred name of the agency to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	Used to identify the agency in Cisco Unity Connection Administration and reports.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Agency.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an Agency object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Agency.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.2. vw_AgencyExtensionRange

Simple view for tbl_AgencyExtensionRange.

A range of extensions assigned to a Community Voice Mail agency. Community Voice Mail agencies are assigned a block or blocks of phone numbers of which they then can assign to an individual client.

Additional Information

A single agency can have multiple ranges of extensions but a given extension/range can only be owned by one agency (i.e. two agencies cannot have the same extensions assigned to them).

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AgencyObjectId	char (36 characters)	The agency to which this range of extensions is assigned.	ObjectID
	MaxExtensionNumber	nvarchar (10 characters)	The number of the last extension in this range of extensions assigned to an agency.	
	MinExtensionNumber	nvarchar (10 characters)	The number of the first extension in this range of extensions assigned to an agency.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an AgencyExtensionRange object.	ObjectID

Stored Procedures

Name	Description
csp_AgencyExtensionRangeCreate	Creates a new range of extensions for a Community Voice Mail agency by inserting a new row into tbl_AgencyExtensionRange.
csp_AgencyExtensionRangeDelete	Deletes an AgencyExtensionRange object from tbl_AgencyExtensionRange as specified by the @ObjectId parameter.
csp_AgencyExtensionRangeModify	Updates the attributes of an AgencyExtensionRange object based on the values passed in via the parameters. The @ObjectId parameter identifies the AgencyExtensionRange object that is updated.

Column Properties

AgencyObjectId

Property Name	Value
Description:	The agency to which this range of extensions is assigned.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AgencyExtensionRange.AgencyObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxExtensionNumber

Property Name	Value
Description:	The number of the last extension in this range of extensions assigned to an agency.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AgencyExtensionRange.MaxExtensionNumber
Primary Key:	False
Allow Null:	False
Default Value:	411
Custom Type:	
SQL Data Type/Length:	nvarchar (10 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits 0-9 only.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	10 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MinExtensionNumber

Property Name	Value
Description:	The number of the first extension in this range of extensions assigned to an agency.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AgencyExtensionRange.MinExtensionNumber
Primary Key:	False
Allow Null:	False
Default Value:	411
Custom Type:	
SQL Data Type/Length:	nvarchar (10 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits 0-9 only.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	10 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an AgencyExtensionRange object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_AgencyExtensionRange.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.3. vw_Alias

A simple view for tbl_Alias.

A unique text name for addressable objects: Users, Contacts, DistributionLists, PersonalGroups.

Additional Information

Can also be used for adding "proxy" addresses by adding additional non-primary Aliases for an object.

This gives us a way to ensure that all Aliases are unique within a location.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	IsPrimary	smallint (2 bytes)	A flag indicating whether this is a primary alias. Typically used for a user.	Bool
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this alias belongs.	ObjectID
	Object_ContactObjectId	char (36 characters)	The object to which this alias pertains. If the alias is for a Contact, the unique identifier of the Contact object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
	Object_DistributionListObjectId	char (36 characters)	The object to which this alias pertains. If the alias is for a distribution list, the unique identifier of the DistributionList object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
	Object_PersonalGroupObjectId	char (36 characters)	The object to which this alias pertains. If the alias is for a personal group, the unique identifier of the PersonalGroup object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
	Object_UserObjectId	char (36 characters)	The object to which this alias pertains. If the alias is for a user, the unique identifier of the User object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an Alias object.	ObjectID
	SmtAddress	lvarchar (320 characters)	The full SMTP address for this object.	SmtAddress

Stored Procedures

Name	Description
csp_AliasCreate	Creates a new Alias object for a user, Contact, distribution list, or personal group by inserting a new row into tbl_Alias.
csp_AliasDelete	Deletes an Alias object from tbl_Alias as specified by the @Alias and @LocationObjectId parameters.
csp_AliasModify	Updates the attributes of a Alias object for a user, Contact, distribution list, or personal group based on the values passed in via the parameters. The @Alias and @LocationObjectId parameters identify the Alias object that is updated.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a primary alias. Typically used for a user.

Property Name	Value
Notes:	Values: 0: Not primary alias 1: Is primary alias
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Alias.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this alias belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Alias.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_ContactObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a Contact, the unique identifier of the Contact object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	Only one Object_ *ObjectId column should contain a non-null value. All other Object_ *ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Object_ContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_DistributionListObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a distribution list, the unique identifier of the DistributionList object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	Only one Object_ *ObjectId column should contain a non-null value. All other Object_ *ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Object_DistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_PersonalGroupObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a personal group, the unique identifier of the PersonalGroup object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	Only one Object_ *ObjectId column should contain a non-null value. All other Object_ *ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	Personal groups get generated Alias values.
Table/Column Mapping:	tbl_Alias.Object_PersonalGroupObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_UserObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a user, the unique identifier of the User object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	Only one Object_ *ObjectId column should contain a non-null value. All other Object_ *ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Object_UserObjectId
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an Alias object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Alias.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtAddress

Property Name	Value
Description:	The full SMTP address for this object.

Property Name	Value
Notes:	<p>For performance, we store the SMTP address which for users, contacts, and DLs is a combination of Alias (or MailName if Alias is non-ASCII such as in the case where Alias is in Japanese) and the Location.SmtpDomain associated to which this Alias object belongs.</p> <p>The SmtpAddress for a PersonalGroup is formed differently: <UserAlias> + '_' + 'List' + '_' + <NumericId> + '@' + <Domain>. For example, if JSmith creates a PersonalGroup with NumericId of 1, the SmtpAddress would be: JSmith_List_1@cisco.com</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Alias.SmtpAddress
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	SmtpAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	<code>^([w\!#\$%&'*/+=?^{\} \~]+([\.]?[w\!#\$%&'*/+=?^{\} \~]+)*)+@((([a-zA-Z]([a-zA-Z\d]*[a-zA-Z\d]?)+)([a-zA-Z\d])+)\$</code>
Validation - Description:	<p>SMTP Address= Local-Part '@' Domain Name where Local-Part (Max size : 64)</p> <ul style="list-style-type: none"> * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character '.' is allowed but it cannot be the first or last character in the local-part. Also there cannot be consecutive periods. For example: a.b@c is invalid. <p><domain> ::= <subdomain> " "</p> <p><subdomain> ::= <label> <subdomain> "." <label></p> <p><label> ::= <letter> [[<ldh-str>] <let-dig>]</p> <p><ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str></p> <p><let-dig-hyp> ::= <let-dig> "-"</p> <p>label must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.</p>
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.4. vw_AlternateName

A simple view for tbl_AlternateName.

An alternate name for a User, Contact, Location, Distribution List, Personal Group or Personal Contact, which is used by the Voice User Interface (VUI) for alternate pronunciations.

Additional Information

An alternate name is owned by either a Contact, User, Location, Distribution List, Personal Group or Personal Contact.

Business Rules

An AlternateName must belong to either a system Contact, Personal Group, PersonalContact, Location, Distribution List or User, but not more than one. Either ContactObjectId, PersonalGroupObjectId, PersonalContactObjectId, LocationObjectId, DistributionListObjectId or UserObjectId must contain non-NULL while the others must contain NULL.

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	ContactObjectId	char (36 characters)	The unique identifier of the Contact to which this alternate name belongs.	ObjectID
	DistributionListObjectId	char (36 characters)	The unique identifier of the Distribution List to which this alternate name belongs.	ObjectID
	FirstName	nvarchar (64 characters)	The first name (i.e., givenName) of this person. Not their surname nor middle name.	
	LastName	nvarchar (64 characters)	The last name (i.e., surname or family name) of this person, by which a person is commonly known.	
	LocationObjectId	char (36 characters)	The unique identifier of the Location to which this alternate name belongs.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an AlternateName object.	ObjectID
	PersonalContactObjectId	char (36 characters)	The unique identifier of the Personal Contact to which this alternate name belongs.	ObjectID
	PersonalGroupObjectId	char (36 characters)	The unique identifier of the Personal Group to which this alternate name belongs.	ObjectID
	UserObjectId	char (36 characters)	The unique identifier of the User to which this alternate name belongs.	ObjectID

Stored Procedures

Name	Description
csp_AlternateNameCreate	Creates a new AlternateName for either a Contact or User by inserting a new row into tbl_AlternateName.

Name	Description
csp_AlternateNameDelete	Deletes an AlternateName object from tbl_AlternateName as specified by the @ObjectId parameter.
csp_AlternateNameModify	Updates the FirstName and LastName attributes of an AlternateName object based on the values passed in via the parameters. The @ObjectId parameter identifies the AlternateName object that is updated.

Column Properties

ContactObjectId

Property Name	Value
Description:	The unique identifier of the Contact to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AlternateName.ContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the Distribution List to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AlternateName.DistributionListObjectId
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this person. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AlternateName.FirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this person, by which a person is commonly known.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_AlternateName.LastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AlternateName.LocationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an AlternateName object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AlternateName.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the Personal Contact to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AlternateName.PersonalContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalGroupObjectId

Property Name	Value
Description:	The unique identifier of the Personal Group to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AlternateName.PersonalGroupObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_AlternateName.UserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.5. vw_BroadcastMessage

A simple view for tbl_BroadcastMessage.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CreationDate	datetime (8 bytes)	The date and time when the message was created.	
	EndDate	datetime (8 bytes)	The date and time when the message expires.	
	LastModificationDate	datetime (8 bytes)	The date and time the message was last modified.	
	LastModificationSubscriberObjectId	char (36 characters)	The unique identifier of the subscriber that last modified the message.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.	ObjectID
	StartDate	datetime (8 bytes)	The date and time when the message becomes active.	
	StreamFile	varchar (40 characters)	Name of audio file for this broadcast message.	FileNameGuid
	StreamFileObjectId	char (36 characters)	StreamFileObjectId - use StreamFile instead of this column.	ObjectID
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object that sent this broadcast message.	ObjectID

Stored Procedures

Name	Description
csp_BroadcastMessageCreate	Creates a new BroadcastMessage object by inserting a new row into tbl_BroadcastMessage. Broadcast messages are a special type of message that is created for all Cisco Unity Connection subscribers on a VMS.
csp_BroadcastMessageDelete	Deletes a BroadcastMessage object from tbl_BroadcastMessage as specified by the @ObjectId parameter. The StreamFile is also deleted by executing csp_StreamFileDelete.
csp_BroadcastMessageModify	Updates the attributes of a BroadcastMessage object based on the values passed in via the parameters. The @ObjectId parameter identifies the BroadcastMessage object that is updated. The associated StreamFile is also updated.

Column Properties

CreationDate

Property Name	Value
Description:	The date and time when the message was created.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_BroadcastMessage.CreationDate
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EndDate

Property Name	Value
Description:	The date and time when the message expires.
Notes:	NULL indicates that the message never expires.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_BroadcastMessage.EndDate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModificationDate

Property Name	Value
Description:	The date and time the message was last modified.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_BroadcastMessage.LastModificationDate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModificationSubscriberObjectId

Property Name	Value
Description:	The unique identifier of the subscriber that last modified the message.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_BroadcastMessage.LastModificationSubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_BroadcastMessage.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StartDate

Property Name	Value
Description:	The date and time when the message becomes active.
Notes:	NULL indicates that the message becomes active immediately after it is created.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_BroadcastMessage.StartDate
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFile

Property Name	Value
Description:	Name of audio file for this broadcast message.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	StreamFileObjectId - use StreamFile instead of this column.
Notes:	
Business Rules:	
Developer Notes:	Should deprecate this.

Property Name	Value
Table/Column Mapping:	tbl_BroadcastMessage.StreamFileObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object that sent this broadcast message.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_BroadcastMessage.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.6. vw_BroadcastMessageRecipient

A simple view for tbl_BroadcastMessageRecipient.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	BroadcastMessageOb- jectId	char (36 characters)	The unique identifier of the broadcast message.	ObjectID
	Status	smallint (2 bytes)	A flag indicating whether the recipient has listened to the message.	Bool
PK	SubscriberObjectId	char (36 characters)	The unique identifier of the recipient subscriber.	ObjectID

Stored Procedures

Name	Description
csp_BroadcastMessageRecipientCreate	Creates a new BroadcastMessageRecipient object by inserting a new row into tbl_BroadcastMessageRecipient. For each recipient of a broadcast message, tracks which subscribers have listened to which broadcast messages.
csp_BroadcastMessageRecipientDelete	Deletes a BroadcastMessageRecipient object from tbl_BroadcastMessageRecipient as specified by the combination of the @BroadcastMessageObjectId and @SubscriberObjectId parameters.
csp_BroadcastMessageRecipientModify	Updates the attributes of a BroadcastMessageRecipient object based on the values passed in via the parameters. The combination of the @BroadcastMessageObjectId and @SubscriberObjectId parameters identify the BroadcastMessageRecipient object that is updated.

Column Properties

BroadcastMessageObjectId

Property Name	Value
Description:	The unique identifier of the broadcast message.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_BroadcastMessageRecipient.BroadcastMessageObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Status

Property Name	Value
Description:	A flag indicating whether the recipient has listened to the message.
Notes:	Values: 0: Recipient has not listened to this broadcast message 1: Recipient has listened to this broadcast message
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_BroadcastMessageRecipient.Status
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the recipient subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_BroadcastMessageRecipient.SubscriberObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.7. vw_CallAction

A simple view for tbl_CallAction.

An action such as "take a message" or "goto" that a handler will perform for different conditions.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallAction object.	ObjectID
	TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID

Stored Procedures

vw_CallAction has no stored procedures.

Column Properties

Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	<p>Default value of 1 is "Hangup."</p> <p>Values:</p> <p>0: Ignore - no action taken.</p> <p>1: Hangup - the call is immediately terminated.</p> <p>2: Goto - go to an object such as a call handler, directory handler or interview handler.</p> <p>3: Error - play the error greeting.</p> <p>4: Take a message.</p> <p>5: Skip greeting.</p>
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallAction object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity 4.0(4), the possible conversations to route to are as follows:</p> <ul style="list-style-type: none"> * AD - Sends the call to the specified directory handler. This conversation expects there to be the objectid of a directory handler in the TargetObjectId column. * AttemptForward - Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * AvConvEasySignIn. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. There is no objectid value needed in the TargetObjectId column for this conversation. * AvConvSubSystemTransfer - Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. There is no ObjectId value needed in the TargetObjectId column for this conversation. * AvConvSystemTransfer - Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. There is no objectid value needed in the TargetObjectId column for this conversation. * CHInterview - Sends the call to the specified interview handler. This conversation expects there to be the objectid of an interview handler in the TargetObjectId column. * ConvCVMMBoxReset - This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. There is no objectid value needed in the TargetObjectId column for this conversation. * ConvHotelCheckedOut - When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. There is no objectid value needed in the TargetObjectId column for this conversation. * ConvUtilsLiveRecord - This is a special conversation for "Live Record." There is no objectid value needed in the TargetObjectId column for this conversation. * GreetingsAdministrator - Sends the call to a conversation for changing call handler greetings over the phone. For example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed. There is no objectid value needed in the TargetObjectId column for this conversation. * PHGreeting - Sends the call to the greeting of the specified subscriber. This conversation expects there to be the ObjectId of a call handler in the TargetObjectId column. * PHTransfer - Sends the call to the specified call handler. This conversation expects there to be the objectid of a call handler in the TargetObjectId column. Note that even if you want to send the call to a subscriber, you still provide the objectid value of their primary call handler in the TargetObjectId column, not the ObjectId for the subscriber from the

Property Name	Value
	tbl_UserSubscriber table. * SubSignIn - Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. There is no objectId value needed in the TargetObjectId column for this conversation.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

5.8. vw_CallActionParentObjectMap

A simple view for tbl_CallActionParentObjectMap.

Additional Information

This view is comprised of all the columns in the tbl_CallActionParentObjectMap, plus an additional column - LocalizedName - that is defined in the tbl_LocalizedText table.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	Action	int (4 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	
	ActionCallHandlerAfter-Greeting	smallint (2 bytes)	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	ActionCallHandlerAfter-Message	smallint (2 bytes)	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is left for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	ActionCallHandler-CallerInput	smallint (2 bytes)	A flag indicating whether the call action can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	ActionDirectoryHandler-Exit	smallint (2 bytes)	A flag indicating whether the call action can be a destination from a directory handler when the caller presses * to exit.	Bool
	ActionDirectoryHandler-NoInput	smallint (2 bytes)	A flag indicating whether the call action can be a destination from a directory handler when the caller does not respond to the name entry prompt.	Bool
	ActionDirectoryHandler-NoSelection	smallint (2 bytes)	A flag indicating whether the call action can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.	Bool
	ActionDirectoryHandler-ZeroExit	smallint (2 bytes)	A flag indicating whether the call action can be a destination from a directory handler when the caller presses the zero ("0") key.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	ActionInterviewHandler-AfterMessage	smallint (2 bytes)	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is left for the interview handler.	Bool
	ActionRoutingRuleDirectCall	smallint (2 bytes)	A flag indicating whether the call action can be a destination in a call routing rule for a direct call.	Bool
	ActionRoutingRuleForwardedCall	smallint (2 bytes)	A flag indicating whether the call action can be a destination in a call routing rule for a forwarded call.	Bool
	ActionSubscriberAfter-Greeting	smallint (2 bytes)	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a subscriber greeting is played.	Bool
	ActionSubscriberAfter-Message	smallint (2 bytes)	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a message left for the subscriber.	Bool
	ActionSubscriberCaller-Input	smallint (2 bytes)	A flag indicating whether the call action can be assigned to user input keys for a subscriber greeting.	Bool
	ActionSubscriberExit	smallint (2 bytes)	A flag indicating whether the call action can be a destination when exiting the subscriber conversation.	Bool
PK	LanguageCode	int (4 bytes)	The language code (LCID) indicating the language of the text in the LocalizedName column.	Language-Code
	LocalizationKey	nvarchar (128 characters)	The key to the localized name of the CallAction.	
	LocalizedName	lvarchar (1024 characters)	The localized version of the string.	

Stored Procedures

vw_CallActionParentObjectMap has no stored procedures.

Column Properties

Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.Action
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionCallHandlerAfterGreeting

Property Name	Value
Description:	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	Values: 0: The call action cannot be an action for after a greeting is played. 1: The call action can be an action for after a greeting is played.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionCallHandlerAfterGreeting
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionCallHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is left for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	Values: 0: The call action cannot be an action for after a message is left for the call handler. 1: The call action can be an action for after a message is left for the call handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionCallHandlerAfterMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionCallHandlerCallerInput

Property Name	Value
Description:	A flag indicating whether the call action can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	Values: 0: The call action cannot be assigned to a key as an action for a call handler. 1: The call action can be assigned to a key as an action for a call handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionCallHandlerCallerInput
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionDirectoryHandlerExit

Property Name	Value
Description:	A flag indicating whether the call action can be a destination from a directory handler when the caller presses * to exit.
Notes:	Values: 0: The call action cannot be the destination for a call when a caller presses * to exit a directory handler. 1: The call action can be the destination for a call when a caller presses * to exit a directory handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionDirectoryHandlerExit
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionDirectoryHandlerNoInput

Property Name	Value
Description:	A flag indicating whether the call action can be a destination from a directory handler when the caller does not respond to the name entry prompt.
Notes:	Values: 0: The call action cannot be the destination for a call when the caller does not respond to the name entry prompt for a directory handler. 1: The call action can be the destination for a call when the caller does not respond to the name entry prompt for a directory handler.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionDirectoryHandlerNoInput
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionDirectoryHandlerNoSelection

Property Name	Value
Description:	A flag indicating whether the call action can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.
Notes:	<p>Values:</p> <p>0: The call action cannot be the destination for a call from a directory handler when the caller does not make a selection to a matching name.</p> <p>1: The call action can be the destination for a call from a directory handler when the caller does not make a selection to a matching name.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionDirectoryHandlerNoSelection
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionDirectoryHandlerZeroExit

Property Name	Value
Description:	A flag indicating whether the call action can be a destination from a directory handler when the caller presses the zero ("0") key.
Notes:	Values: 0: The call action cannot be the destination for a call when a caller presses zero to exit a directory handler. 1: The call action can be the destination for a call when a caller presses zero to exit a directory handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionDirectoryHandlerZeroExit
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionInterviewHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a greeting is left for the interview handler.
Notes:	Values: 0: The call action cannot be an action for after a message is left for the interview handler. 1: The call action can be an action for after a message is left for the interview handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionInterviewHandlerAfterMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionRoutingRuleDirectCall

Property Name	Value
Description:	A flag indicating whether the call action can be a destination in a call routing rule for a direct call.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionRoutingRuleDirectCall
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionRoutingRuleForwardedCall

Property Name	Value
Description:	A flag indicating whether the call action can be a destination in a call routing rule for a forwarded call.
Notes:	Values: 0: The call action cannot be a destination in a call routing rule for a forwarded call. 1: The call action can be a destination in a call routing rule for a forwarded call.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionRoutingRuleForwardedCall

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionSubscriberAfterGreeting

Property Name	Value
Description:	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a subscriber greeting is played.
Notes:	Values: 0: The call action cannot be an action for after a greeting is played. 1: The call action can be an action for after a greeting is played.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionSubscriberAfterGreeting
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionSubscriberAfterMessage

Property Name	Value
Description:	A flag indicating whether the call action can be the action Cisco Unity Connection performs for a call, after a message left for the subscriber.
Notes:	Values: 0: The call action cannot be an action for after a message is left for the subscriber. 1: The call action can be an action for after a message is left for the subscriber.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionSubscriberAfterMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionSubscriberCallerInput

Property Name	Value
Description:	A flag indicating whether the call action can be assigned to user input keys for a subscriber greeting.
Notes:	Values: 0: The call action cannot be assigned to a key as an action for a subscriber. 1: The call action can be assigned to a key as an action for a subscriber.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionSubscriberCallerInput
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

ActionSubscriberExit

Property Name	Value
Description:	A flag indicating whether the call action can be a destination when exiting the subscriber conversation.
Notes:	Values: 0: The call action cannot be the destination for a call when a caller exists the subscriber conversation. 1: The call action can be the destination for a call when a caller exists the subscriber conversation.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.ActionSubscriberExit
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	The language code (LCID) indicating the language of the text in the LocalizedName column.

Property Name	Value
Notes:	<p>You need to include "WHERE LanguageCode=1033" or such to get the LocalizedName for the desired language from tbl_LocalizedText.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LanguageCode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalizationKey

Property Name	Value
Description:	The key to the localized name of the CallAction.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallActionParentObjectMap.LocalizationKey
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalizedName

Property Name	Value
Description:	The localized version of the string.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LocalizedName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	lvarchar (1024 characters)
Validation - Expression:	^[^\x00-\x1F\x7F\x0A\x0D]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	1024 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.9. vw_CallerGroup

A grouping of callers for use in personal rules. A caller is identified by ANI/CallerId, and can be a personal contact, another subscriber, a contact or another personal group.

Additional Information

Used in Personal Call Routing Rules to identify callers. This group can contain members from a subscriber's Personal Address Book or anyone from Unity directory. A subscriber can have a rule such as "If the call is from Caller Group X, route the call to.."

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.	ObjectID
	SubscriberObjectId	char (36 characters)	The unique identifier of the User object to which this group belongs.	ObjectID
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_CallerGroupCreate	Creates a new caller group by executing csp_PersonalGroupCreate, which inserts a new row into tbl_PersonalGroup.
csp_CallerGroupDelete	Deletes a caller group by executing csp_PersonalGroupDelete, which deletes the PersonalGroup object from tbl_PersonalGroup as specified by the @ObjectId parameter.
csp_CallerGroupModify	Updates the properties of a caller group by executing csp_PersonalGroupModify, which updates the attributes of a PersonalGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.

Column Properties

DisplayName

Property Name	Value
Description:	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	The displayname must be unique within a type (CallerGroup and PersonalVoiceMailList) for a given subscriber.
Table/Column Mapping:	tbl_PersonalGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroup.UserId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.10. vw_CallerGroupMember

A member of a caller group. Members can be another personal group, a user, a personal contact or a contact.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CallerGroupObjectId	char (36 characters)	The unique identifier of the PersonalGroup object to which this member belongs.	ObjectID
	MemberCallerGroupObjectId	char (36 characters)	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set ot NULL.	ObjectID
	MemberContactObjectId	char (36 characters)	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.	ObjectID
	MemberPersonalContactObjectId	char (36 characters)	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set ot NULL.	ObjectID
	MemberSubscriberObjectId	char (36 characters)	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set ot NULL.	ObjectID
PK	ObjectId	char (36 characters)	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.	ObjectID

Stored Procedures

Name	Description
csp_CallerGroupMemberCreate	Adds a new member (user, personal contact, or another personal group) to a caller group by executing csp_PersonalGroupMemberCreate, which inserts a new row into tbl_PersonalGroupMember.
csp_CallerGroupMemberDelete	Removes a member from a caller group by executing csp_PersonalGroupMemberDelete, which deletes a PersonalGroupMember object from tbl_PersonalGroupMember as specified by the @ObjectId parameter.

Column Properties

CallerGroupObjectId

Property Name	Value
Description:	The unique identifier of the PersonalGroup object to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.PersonalGroupObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberCallerGroupObjectId

Property Name	Value
Description:	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberPersonalGroupObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberPersonalContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberPersonalContactObjectId

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberSubscriberObjectid

Property Name	Value
Description:	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*Objectid column should contain a non-null value. All other Member*Objectid columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberUserObjectid
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Objectid

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.11. vw_Callhandler

An all-purpose call transfer, greeting, message taking, and routing object. A call handler answers calls, greet callers with recorded prompts and provide them with information and options, route calls, and take messages.

Additional Information

This view is comprised of all the columns in the tbl_Handler and tbl_CallHandler tables.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AfterMessage_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	AfterMessage_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	AfterMessage_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	AfterMessageCallActionObjectId	char (36 characters)	The unique identifier of the action, e.g. "Say good-bye" that Cisco Unity Connection performs after an unidentified caller leaves a message for a call handler.	ObjectID
	CreationTime	datetime (8 bytes)	The date and time the handler is created.	
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The DTMF access id (i.e., extension) for the call handler.	DtmfAccessId
	EditMsg	smallint (2 bytes)	A flag that determines whether the caller can edit messages.	Bool
	IsPrimary	smallint (2 bytes)	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.	Bool
	IsTemplate	smallint (2 bytes)	A flag indicating whether this CallHandler is a "template" for creating new call handlers.	Bool
	Language	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.	Language-Code
	LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this handler belongs.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	MaxMsgLen	int (4 bytes)	The maximum recording length (in seconds) for messages left by unidentified callers.	
	MediaSwitchObjectId	char (36 characters)	Default switch to use for transfers.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.	ObjectID
	OneKeyDelay	int (4 bytes)	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.	
	Recipient_ContactObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	Recipient_DistributionListObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	Recipient_SubscriberObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	ScheduleSetObjectId	char (36 characters)	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.	ObjectID
	SendSecureMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "secure."	Bool
	SendUrgentMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "urgent."	MarkUrgent
	StreamFileObjectId	char (36 characters)	The unique identifier of the StreamFile object that contains the voice file name for this handler.	ObjectID
	TimeZone	int (4 bytes)	TimeZone this call handler is operating in.	
	Undeletable	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseCallLanguage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this call handler is derived from the call handler object attribute or the default language from the location to which the call handler belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.	Bool
	UseDefaultTimeZone	smallint (2 bytes)	A flag indicating whether the timezone for this call handler is derived from the call handler object attribute or the default timezone from the location to which the call handler belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_CallhandlerGetActiveGreeting	Determines the correct greeting to play based on some information about a call (internal? busy?) and schedules.
csp_CallhandlerGetActiveTransferOption	Retrieve the active transfer option for a specified call handler.
csp_CallhandlerModify	Updates the attributes of a CallHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.

Column Properties

AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessageCallActionObjectId

Property Name	Value
Description:	The unique identifier of the action, e.g. "Say good-bye" that Cisco Unity Connection performs after an unidentified caller leaves a message for a call handler.
Notes:	This value references a tbl_CallAction->ObjectId. Possible actions are: * Say good-bye * Send caller to another call handler, directory handler, interview handler, greetings administrator, hang-up, sign-in, subscriber, subscriber system transfer, or system transfer.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.AfterMessageCallActionObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the handler is created.
Notes:	
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Table/Column Mapping:	tbl_Handler.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The DTMF access id (i.e., extension) for the call handler.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId

Property Name	Value
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ \%\'?\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EditMsg

Property Name	Value
Description:	A flag that determines whether the caller can edit messages.
Notes:	Allows callers to be prompted to listen to, add to, rerecord, or delete their messages. Values: 0: Callers cannot edit messages 1: Callers can edit messages
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.EditMsg
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.

Property Name	Value
Notes:	<p>Each subscriber is associated with a call handler, which is referred to as the "primary call handler" for that subscriber. An "application call handler" is just a normal call handler.</p> <p>One important limitation that a primary call handler that an application call handler does not have is that the subscriber administration interface shall only allow one transfer rule to be enabled (the alternate transfer rule). An application call handler has three transfer rules - alternate, standard, and off hours.</p> <p>Another distinction between primary and application call handlers is that primary call handlers must have a DTMFAccessID value assigned to them. A DTMFAccessID value is optional for application call handlers.</p> <p>Values: 0: Not a primary call handler 1: Primary call handler</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsTemplate

Property Name	Value
Description:	A flag indicating whether this CallHandler is a "template" for creating new call handlers.
Notes:	<p>Used to provide default values for selected columns when creating new call handlers. A value of 1 (i.e., true) means this row is an object template.</p> <p>Values: 0: Not a template 1: Is a template</p>
Business Rules:	Cannot be modified.
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.IsTemplate
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.

Property Name	Value
Notes:	<p>This is the Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>A value of NULL means the language is inherited. If you choose Inherited, Cisco Unity Connection determines the language to use for system prompts on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to Inherited for every rule and handler that processes a call, then the system prompts are played in the default phone language. For instance, if the call came in and hit an opening greeting that was set to 1033 for US English, that call is considered US English until it hits another object in the database that has a language setting other than NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063</p>

Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Language

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	Although for Cisco Unity Connection, only one primary location per VMS is supported, in a subsequent 5.x product release, multiple location objects per VMS are planned to provide multi-tenant capabilities.
Table/Column Mapping:	tbl_Handler.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMsgLen

Property Name	Value
Description:	The maximum recording length (in seconds) for messages left by unidentified callers.

Property Name	Value
Notes:	<p>This value is used when the call handler is set to an action of "Take Message" (either by an after greeting action in the messagingrule table or via a user input action in the menuentry table.</p> <p>This value only gets applied to unidentified callers leaving a message.</p> <p>This value is not used for subscriber-subscriber messaging. Instead the COS for the calling subscriber determines the maximum recorded message length.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.MaxMsgLen
Primary Key:	False
Allow Null:	False
Default Value:	300
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

MediaSwitchObjectId

Property Name	Value
Description:	Default switch to use for transfers.
Notes:	It is possible to override this value by changing the switch id for a specific transfer option.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.MediaSwitchObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	The value of this objectId is the same as the tbl_Handler.ObjectId column in the tbl_Handler base table.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OneKeyDelay

Property Name	Value
Description:	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Notes:	<p>When a caller interrupts a greeting with a digit, Cisco Unity Connection will wait this number of milliseconds to see if they are going to enter more digits. Once this timeout is reached (or the caller terminates the input with a #), Cisco Unity Connection will do a look-up of the resulting string of numbers for a match with a DTMFAccessID value in the dialing domain. If a match is found, the call is sent to the matching object. If no match is found, the "Error greeting" for the call handler is invoked.</p> <p>If a key is "locked" then this value does not apply. Instead action is taken immediately on that key instead of allowing more digits.</p>
Business Rules:	

Property Name	Value
Developer Notes:	A value of 0 disables one key input. Administrative interface should display value in 100 millisecond increments.
Table/Column Mapping:	tbl_CallHandler.OneKeyDelay
Primary Key:	False
Allow Null:	False
Default Value:	1500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	5000

Recipient_ContactObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a contact, this points to the contact.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_ContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_DistributionListObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this is NULL
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_DistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_SubscriberObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this points to the subscriber.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_SubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Notes:	<p>This schedule (commonly referred to as the "active schedule") defines what times of the day are considered "standard" and what times are considered "off hours" in 30 minute increments for each of the 7 days of the week. This is used to determine which greeting and transfer rules are triggered for the call handler when processing calls.</p> <p>This value dictates which transfer rule or greeting rule is active when a call hits it.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ScheduleSetObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SendSecureMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "secure."
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.SendSecureMsg
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "urgent."
Notes:	Values: 0: Never - messages left by unidentified calls are never marked urgent. 1: Always - all messages left by unidentified callers are marked urgent. 2: ask - Cisco Unity Connection asks unidentified callers whether to mark their messages urgent.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.SendUrgentMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MarkUrgent
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that contains the voice file name for this handler.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.StreamFileObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	TimeZone this call handler is operating in.
Notes:	If NULL, use the TimeZone value from the VMS (vw_LocalVMS.TimeZone).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Used to prevent the deletion of factory defaults such as the "Opening Greeting" call handler. 0: The handler can be deleted by an administrator (with the required privilege) via an administrative application such as Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager. 1: The handler cannot be deleted by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag allows that language to be the language used by handlers in the system to play prompts for users. Values: 0: Do not use the language specified by the system call routing rule to play prompts for users 1: Use the language specified by the system call routing rule to play prompts for users
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.UseCallLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this call handler is derived from the call handler object attribute or the default language from the location to which the call handler belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Notes:	Values: 0: The language is the default language defined for the call handler. 1: The language is derived from the location to which this call handler belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultTimeZone

Property Name	Value
Description:	A flag indicating whether the timezone for this call handler is derived from the call handler object attribute or the default timezone from the location to which the call handler belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.

Property Name	Value
Notes:	Values: 0: The time zone is the default timezone defined for the call handler. 1: The time zone is derived from the location to which this call handler belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via url, but the url-path is constructed from the filename dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.12. vw_CallhandlerNonPrimary

An application call handler. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 0, which indicates this call handler is not a primary call handler for a subscriber.

Additional Information

This view is comprised of all the columns from the tbl_Handler and tbl_CallHandler tables.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AfterMessage_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	AfterMessage_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	AfterMessage_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	AfterMessageCallActionObjectId	char (36 characters)	The unique identifier of the action, e.g. "Say good-bye" that Cisco Unity Connection performs after an unidentified caller leaves a message for a call handler.	ObjectID
	CreationTime	datetime (8 bytes)	The date and time the handler is created.	
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The DTMF access id (i.e., extension) for the call handler.	DtmfAccessId
	EditMsg	smallint (2 bytes)	A flag that determines whether the caller can edit messages.	Bool
	IsPrimary	smallint (2 bytes)	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.	Bool
	IsTemplate	smallint (2 bytes)	A flag indicating whether this CallHandler is a "template" for creating new call handlers.	Bool
	Language	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.	Language-Code
	LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this handler belongs.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	MaxMsgLen	int (4 bytes)	The maximum recording length (in seconds) for messages left by unidentified callers.	
	MediaSwitchObjectId	char (36 characters)	Default switch to use for transfers.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.	ObjectID
	OneKeyDelay	int (4 bytes)	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.	
	Recipient_ContactObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	Recipient_DistributionListObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	Recipient_SubscriberObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	ScheduleSetObjectId	char (36 characters)	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.	ObjectID
	SendSecureMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "secure."	Bool
	SendUrgentMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "urgent."	MarkUrgent
	StreamFileObjectId	char (36 characters)	The unique identifier of the StreamFile object that contains the voice file name for this handler.	ObjectID
	TimeZone	int (4 bytes)	TimeZone this call handler is operating in.	
	Undeletable	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseCallLanguage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this call handler is derived from the call handler object attribute or the default language from the location to which the call handler belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.	Bool
	UseDefaultTimeZone	smallint (2 bytes)	A flag indicating whether the timezone for this call handler is derived from the call handler object attribute or the default timezone from the location to which the call handler belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

vw_CallhandlerNonPrimary has no stored procedures.

Column Properties

AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessageCallActionObjectId

Property Name	Value
Description:	The unique identifier of the action, e.g. "Say good-bye" that Cisco Unity Connection performs after an unidentified caller leaves a message for a call handler.
Notes:	This value references a tbl_CallAction->ObjectId. Possible actions are: * Say good-bye * Send caller to another call handler, directory handler, interview handler, greetings administrator, hang-up, sign-in, subscriber, subscriber system transfer, or system transfer.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.AfterMessageCallActionObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the handler is created.
Notes:	
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Table/Column Mapping:	tbl_Handler.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The DTMF access id (i.e., extension) for the call handler.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId

Property Name	Value
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\%\'?\'()\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EditMsg

Property Name	Value
Description:	A flag that determines whether the caller can edit messages.
Notes:	Allows callers to be prompted to listen to, add to, rerecord, or delete their messages. Values: 0: Callers cannot edit messages 1: Callers can edit messages
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.EditMsg
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.

Property Name	Value
Notes:	<p>Each subscriber is associated with a call handler, which is referred to as the "primary call handler" for that subscriber. An "application call handler" is just a normal call handler.</p> <p>One important limitation that a primary call handler that an application call handler does not have is that the subscriber administration interface shall only allow one transfer rule to be enabled (the alternate transfer rule). An application call handler has three transfer rules - alternate, standard, and off hours.</p> <p>Another distinction between primary and application call handlers is that primary call handlers must have a DTMFAccessID value assigned to them. A DTMFAccessID value is optional for application call handlers.</p> <p>Values: 0: Not a primary call handler 1: Primary call handler</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsTemplate

Property Name	Value
Description:	A flag indicating whether this CallHandler is a "template" for creating new call handlers.
Notes:	<p>Used to provide default values for selected columns when creating new call handlers. A value of 1 (i.e., true) means this row is an object template.</p> <p>Values: 0: Not a template 1: Is a template</p>
Business Rules:	Cannot be modified.
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.IsTemplate
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.

Property Name	Value
Notes:	<p>This is the Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>A value of NULL means the language is inherited. If you choose Inherited, Cisco Unity Connection determines the language to use for system prompts on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to Inherited for every rule and handler that processes a call, then the system prompts are played in the default phone language. For instance, if the call came in and hit an opening greeting that was set to 1033 for US English, that call is considered US English until it hits another object in the database that has a language setting other than NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063</p>

Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Language

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	Although for Cisco Unity Connection, only one primary location per VMS is supported, in a subsequent 5.x product release, multiple location objects per VMS are planned to provide multi-tenant capabilities.
Table/Column Mapping:	tbl_Handler.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMsgLen

Property Name	Value
Description:	The maximum recording length (in seconds) for messages left by unidentified callers.

Property Name	Value
Notes:	<p>This value is used when the call handler is set to an action of "Take Message" (either by an after greeting action in the messagingrule table or via a user input action in the menuentry table.</p> <p>This value only gets applied to unidentified callers leaving a message.</p> <p>This value is not used for subscriber-subscriber messaging. Instead the COS for the calling subscriber determines the maximum recorded message length.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.MaxMsgLen
Primary Key:	False
Allow Null:	False
Default Value:	300
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

MediaSwitchObjectId

Property Name	Value
Description:	Default switch to use for transfers.
Notes:	It is possible to override this value by changing the switch id for a specific transfer option.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.MediaSwitchObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	The value of this objectId is the same as the tbl_Handler.ObjectId column in the tbl_Handler base table.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OneKeyDelay

Property Name	Value
Description:	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Notes:	<p>When a caller interrupts a greeting with a digit, Cisco Unity Connection will wait this number of milliseconds to see if they are going to enter more digits. Once this timeout is reached (or the caller terminates the input with a #), Cisco Unity Connection will do a look-up of the resulting string of numbers for a match with a DTMFAccessID value in the dialing domain. If a match is found, the call is sent to the matching object. If no match is found, the "Error greeting" for the call handler is invoked.</p> <p>If a key is "locked" then this value does not apply. Instead action is taken immediately on that key instead of allowing more digits.</p>
Business Rules:	

Property Name	Value
Developer Notes:	A value of 0 disables one key input. Administrative interface should display value in 100 millisecond increments.
Table/Column Mapping:	tbl_CallHandler.OneKeyDelay
Primary Key:	False
Allow Null:	False
Default Value:	1500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	5000

Recipient_ContactObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a contact, this points to the contact.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_ContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_DistributionListObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set ot NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this is NULL
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_DistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_SubscriberObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this points to the subscriber.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_SubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Notes:	<p>This schedule (commonly referred to as the "active schedule") defines what times of the day are considered "standard" and what times are considered "off hours" in 30 minute increments for each of the 7 days of the week. This is used to determine which greeting and transfer rules are triggered for the call handler when processing calls.</p> <p>This value dictates which transfer rule or greeting rule is active when a call hits it.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ScheduleSetObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SendSecureMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "secure."
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.SendSecureMsg
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "urgent."
Notes:	Values: 0: Never - messages left by unidentified calls are never marked urgent. 1: Always - all messages left by unidentified callers are marked urgent. 2: ask - Cisco Unity Connection asks unidentified callers whether to mark their messages urgent.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.SendUrgentMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MarkUrgent
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that contains the voice file name for this handler.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.StreamFileObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	TimeZone this call handler is operating in.
Notes:	If NULL, use the TimeZone value from the VMS (vw_LocalVMS.TimeZone).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Used to prevent the deletion of factory defaults such as the "Opening Greeting" call handler. 0: The handler can be deleted by an administrator (with the required privilege) via an administrative application such as Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager. 1: The handler cannot be deleted by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag allows that language to be the language used by handlers in the system to play prompts for users. Values: 0: Do not use the language specified by the system call routing rule to play prompts for users 1: Use the language specified by the system call routing rule to play prompts for users
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.UseCallLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this call handler is derived from the call handler object attribute or the default language from the location to which the call handler belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Notes:	Values: 0: The language is the default language defined for the call handler. 1: The language is derived from the location to which this call handler belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultTimeZone

Property Name	Value
Description:	A flag indicating whether the timezone for this call handler is derived from the call handler object attribute or the default timezone from the location to which the call handler belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.

Property Name	Value
Notes:	Values: 0: The time zone is the default timezone defined for the call handler. 1: The time zone is derived from the location to which this call handler belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via url, but the url-path is constructed from the filename dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.13. vw_CallhandlerNonPrimary_List

A narrow view of an application call handler. This view provides a list of all application call handlers, which is used by CUSA to provide list of application call handlers in drop-down lists. It contains only the ObjectId and DisplayName for each call handler. The value of the "IsPrimary" column must be 0, which indicates this call handler is not a primary call handler for a subscriber.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.	ObjectID

Stored Procedures

vw_CallhandlerNonPrimary_List has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_Handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.14. vw_CallhandlerPrimary

A primary call handler for a subscriber. This view contains all the same columns as a call handler object. The value of the "IsPrimary" column must be 1, which indicates this is the primary call handler for a subscriber.

Additional Information

This view is comprised of all the columns from the tbl_Handler and tbl_CallHandler tables.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AfterMessage_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	AfterMessage_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	AfterMessage_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	AfterMessageCallActionObjectId	char (36 characters)	The unique identifier of the action, e.g. "Say good-bye" that Cisco Unity Connection performs after an unidentified caller leaves a message for a call handler.	ObjectID
	CreationTime	datetime (8 bytes)	The date and time the handler is created.	
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The DTMF access id (i.e., extension) for the call handler.	DtmfAccessId
	EditMsg	smallint (2 bytes)	A flag that determines whether the caller can edit messages.	Bool
	IsPrimary	smallint (2 bytes)	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.	Bool
	IsTemplate	smallint (2 bytes)	A flag indicating whether this CallHandler is a "template" for creating new call handlers.	Bool
	Language	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.	Language-Code
	LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this handler belongs.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	MaxMsgLen	int (4 bytes)	The maximum recording length (in seconds) for messages left by unidentified callers.	
	MediaSwitchObjectId	char (36 characters)	Default switch to use for transfers.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.	ObjectID
	OneKeyDelay	int (4 bytes)	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.	
	Recipient_ContactObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	Recipient_DistributionListObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	Recipient_SubscriberObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	ScheduleSetObjectId	char (36 characters)	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.	ObjectID
	SendSecureMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "secure."	Bool
	SendUrgentMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "urgent."	MarkUrgent
	StreamFileObjectId	char (36 characters)	The unique identifier of the StreamFile object that contains the voice file name for this handler.	ObjectID
	TimeZone	int (4 bytes)	TimeZone this call handler is operating in.	
	Undeletable	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseCallLanguage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this call handler is derived from the call handler object attribute or the default language from the location to which the call handler belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.	Bool
	UseDefaultTimeZone	smallint (2 bytes)	A flag indicating whether the timezone for this call handler is derived from the call handler object attribute or the default timezone from the location to which the call handler belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

vw_CallhandlerPrimary has no stored procedures.

Column Properties

AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessageCallActionObjectId

Property Name	Value
Description:	The unique identifier of the action, e.g. "Say good-bye" that Cisco Unity Connection performs after an unidentified caller leaves a message for a call handler.
Notes:	This value references a tbl_CallAction->ObjectId. Possible actions are: * Say good-bye * Send caller to another call handler, directory handler, interview handler, greetings administrator, hang-up, sign-in, subscriber, subscriber system transfer, or system transfer.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.AfterMessageCallActionObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the handler is created.
Notes:	
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Table/Column Mapping:	tbl_Handler.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The DTMF access id (i.e., extension) for the call handler.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId

Property Name	Value
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\%\'?\'()\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EditMsg

Property Name	Value
Description:	A flag that determines whether the caller can edit messages.
Notes:	Allows callers to be prompted to listen to, add to, rerecord, or delete their messages. Values: 0: Callers cannot edit messages 1: Callers can edit messages
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.EditMsg
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.

Property Name	Value
Notes:	<p>Each subscriber is associated with a call handler, which is referred to as the "primary call handler" for that subscriber. An "application call handler" is just a normal call handler.</p> <p>One important limitation that a primary call handler that an application call handler does not have is that the subscriber administration interface shall only allow one transfer rule to be enabled (the alternate transfer rule). An application call handler has three transfer rules - alternate, standard, and off hours.</p> <p>Another distinction between primary and application call handlers is that primary call handlers must have a DTMFAccessID value assigned to them. A DTMFAccessID value is optional for application call handlers.</p> <p>Values: 0: Not a primary call handler 1: Primary call handler</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsTemplate

Property Name	Value
Description:	A flag indicating whether this CallHandler is a "template" for creating new call handlers.
Notes:	<p>Used to provide default values for selected columns when creating new call handlers. A value of 1 (i.e., true) means this row is an object template.</p> <p>Values: 0: Not a template 1: Is a template</p>
Business Rules:	Cannot be modified.
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.IsTemplate
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.

Property Name	Value
Notes:	<p>This is the Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>A value of NULL means the language is inherited. If you choose Inherited, Cisco Unity Connection determines the language to use for system prompts on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to Inherited for every rule and handler that processes a call, then the system prompts are played in the default phone language. For instance, if the call came in and hit an opening greeting that was set to 1033 for US English, that call is considered US English until it hits another object in the database that has a language setting other than NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063</p>

Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Language

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	Although for Cisco Unity Connection, only one primary location per VMS is supported, in a subsequent 5.x product release, multiple location objects per VMS are planned to provide multi-tenant capabilities.
Table/Column Mapping:	tbl_Handler.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMsgLen

Property Name	Value
Description:	The maximum recording length (in seconds) for messages left by unidentified callers.

Property Name	Value
Notes:	<p>This value is used when the call handler is set to an action of "Take Message" (either by an after greeting action in the messagingrule table or via a user input action in the menuentry table.</p> <p>This value only gets applied to unidentified callers leaving a message.</p> <p>This value is not used for subscriber-subscriber messaging. Instead the COS for the calling subscriber determines the maximum recorded message length.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.MaxMsgLen
Primary Key:	False
Allow Null:	False
Default Value:	300
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

MediaSwitchObjectId

Property Name	Value
Description:	Default switch to use for transfers.
Notes:	It is possible to override this value by changing the switch id for a specific transfer option.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.MediaSwitchObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	The value of this objectId is the same as the tbl_Handler.ObjectId column in the tbl_Handler base table.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OneKeyDelay

Property Name	Value
Description:	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Notes:	<p>When a caller interrupts a greeting with a digit, Cisco Unity Connection will wait this number of milliseconds to see if they are going to enter more digits. Once this timeout is reached (or the caller terminates the input with a #), Cisco Unity Connection will do a look-up of the resulting string of numbers for a match with a DTMFAccessID value in the dialing domain. If a match is found, the call is sent to the matching object. If no match is found, the "Error greeting" for the call handler is invoked.</p> <p>If a key is "locked" then this value does not apply. Instead action is taken immediately on that key instead of allowing more digits.</p>
Business Rules:	

Property Name	Value
Developer Notes:	A value of 0 disables one key input. Administrative interface should display value in 100 millisecond increments.
Table/Column Mapping:	tbl_CallHandler.OneKeyDelay
Primary Key:	False
Allow Null:	False
Default Value:	1500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	5000

Recipient_ContactObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a contact, this points to the contact.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_ContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_DistributionListObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this is NULL
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_DistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_SubscriberObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this points to the subscriber.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_SubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Notes:	<p>This schedule (commonly referred to as the "active schedule") defines what times of the day are considered "standard" and what times are considered "off hours" in 30 minute increments for each of the 7 days of the week. This is used to determine which greeting and transfer rules are triggered for the call handler when processing calls.</p> <p>This value dictates which transfer rule or greeting rule is active when a call hits it.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ScheduleSetObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SendSecureMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "secure."
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.SendSecureMsg
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "urgent."
Notes:	Values: 0: Never - messages left by unidentified calls are never marked urgent. 1: Always - all messages left by unidentified callers are marked urgent. 2: ask - Cisco Unity Connection asks unidentified callers whether to mark their messages urgent.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.SendUrgentMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MarkUrgent
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that contains the voice file name for this handler.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.StreamFileObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	TimeZone this call handler is operating in.
Notes:	If NULL, use the TimeZone value from the VMS (vw_LocalVMS.TimeZone).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Used to prevent the deletion of factory defaults such as the "Opening Greeting" call handler. 0: The handler can be deleted by an administrator (with the required privilege) via an administrative application such as Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager. 1: The handler cannot be deleted by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag allows that language to be the language used by handlers in the system to play prompts for users. Values: 0: Do not use the language specified by the system call routing rule to play prompts for users 1: Use the language specified by the system call routing rule to play prompts for users
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.UseCallLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this call handler is derived from the call handler object attribute or the default language from the location to which the call handler belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Notes:	Values: 0: The language is the default language defined for the call handler. 1: The language is derived from the location to which this call handler belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultTimeZone

Property Name	Value
Description:	A flag indicating whether the timezone for this call handler is derived from the call handler object attribute or the default timezone from the location to which the call handler belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.

Property Name	Value
Notes:	Values: 0: The time zone is the default timezone defined for the call handler. 1: The time zone is derived from the location to which this call handler belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via url, but the url-path is constructed from the filename dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.15. vw_CallhandlerPrimaryTemplate

A call handler template that is part of a subscriber template.

Additional Information

IsPrimary and IsTemplate must be set for a Callhandler to be in this view.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AfterMessage_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	AfterMessage_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	AfterMessage_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	CreationTime	datetime (8 bytes)	The date and time the handler is created.	
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
	EditMsg	smallint (2 bytes)	A flag that determines whether the caller can edit messages.	Bool
	IsPrimary	smallint (2 bytes)	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.	Bool
	IsTemplate	smallint (2 bytes)	A flag indicating whether this CallHandler is a "template" for creating new call handlers.	Bool
	Language	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.	Language-Code
	LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this handler belongs.	ObjectID
	MaxMsgLen	int (4 bytes)	The maximum recording length (in seconds) for messages left by unidentified callers.	
	MediaSwitchObjectId	char (36 characters)	Default switch to use for transfers.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	OneKeyDelay	int (4 bytes)	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.	
	Recipient_ContactObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	Recipient_DistributionListObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	Recipient_SubscriberObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	ScheduleSetObjectId	char (36 characters)	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.	ObjectID
	SendSecureMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "secure."	Bool
	SendUrgentMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "urgent."	MarkUrgent
	StreamFileObjectId	char (36 characters)	The unique identifier of the StreamFile object that contains the voice file name for this handler.	ObjectID
	TimeZone	int (4 bytes)	TimeZone this call handler is operating in.	
	Undeletable	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseCallLanguage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this call handler template is derived from the call handler template object attribute or the default language from the location to which the call handler template belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	UseDefaultTimeZone	smallint (2 bytes)	A flag indicating whether the timezone for this call handler template is derived from the call handler template object attribute or the default timezone from the location to which the call handler template belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_CallhandlerPrimaryTemplateModify	<p>Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.</p> <p>Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.</p>

Column Properties

AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	<p>Values:</p> <p>0: Ignore - no action taken.</p> <p>1: Hangup - the call is immediately terminated.</p> <p>2: Goto - go to an object such as a call handler, directory handler or interview handler.</p> <p>3: Error - play the error greeting.</p> <p>4: Take a message.</p> <p>5: Skip greeting.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4

Property Name	Value
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the handler is created.
Notes:	
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Table/Column Mapping:	tbl_Handler.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

EditMsg

Property Name	Value
Description:	A flag that determines whether the caller can edit messages.
Notes:	Allows callers to be prompted to listen to, add to, rerecord, or delete their messages. Values: 0: Callers cannot edit messages 1: Callers can edit messages
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.EditMsg
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.

Property Name	Value
Notes:	<p>Each subscriber is associated with a call handler, which is referred to as the "primary call handler" for that subscriber. An "application call handler" is just a normal call handler.</p> <p>One important limitation that a primary call handler that an application call handler does not have is that the subscriber administration interface shall only allow one transfer rule to be enabled (the alternate transfer rule). An application call handler has three transfer rules - alternate, standard, and off hours.</p> <p>Another distinction between primary and application call handlers is that primary call handlers must have a DTMFAccessID value assigned to them. A DTMFAccessID value is optional for application call handlers.</p> <p>Values: 0: Not a primary call handler 1: Primary call handler</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsTemplate

Property Name	Value
Description:	A flag indicating whether this CallHandler is a "template" for creating new call handlers.
Notes:	<p>Used to provide default values for selected columns when creating new call handlers. A value of 1 (i.e., true) means this row is an object template.</p> <p>Values: 0: Not a template 1: Is a template</p>
Business Rules:	Cannot be modified.
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.IsTemplate
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.

Property Name	Value
Notes:	<p>This is the Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>A value of NULL means the language is inherited. If you choose Inherited, Cisco Unity Connection determines the language to use for system prompts on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to Inherited for every rule and handler that processes a call, then the system prompts are played in the default phone language. For instance, if the call came in and hit an opening greeting that was set to 1033 for US English, that call is considered US English until it hits another object in the database that has a language setting other than NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063</p>

Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Language

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	Although for Cisco Unity Connection, only one primary location per VMS is supported, in a subsequent 5.x product release, multiple location objects per VMS are planned to provide multi-tenant capabilities.
Table/Column Mapping:	tbl_Handler.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMsgLen

Property Name	Value
Description:	The maximum recording length (in seconds) for messages left by unidentified callers.

Property Name	Value
Notes:	<p>This value is used when the call handler is set to an action of "Take Message" (either by an after greeting action in the messagingrule table or via a user input action in the menuentry table.</p> <p>This value only gets applied to unidentified callers leaving a message.</p> <p>This value is not used for subscriber-subscriber messaging. Instead the COS for the calling subscriber determines the maximum recorded message length.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.MaxMsgLen
Primary Key:	False
Allow Null:	False
Default Value:	300
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

MediaSwitchObjectId

Property Name	Value
Description:	Default switch to use for transfers.
Notes:	It is possible to override this value by changing the switch id for a specific transfer option.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.MediaSwitchObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	The value of this objectId is the same as the tbl_Handler.ObjectId column in the tbl_Handler base table.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OneKeyDelay

Property Name	Value
Description:	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Notes:	<p>When a caller interrupts a greeting with a digit, Cisco Unity Connection will wait this number of milliseconds to see if they are going to enter more digits. Once this timeout is reached (or the caller terminates the input with a #), Cisco Unity Connection will do a look-up of the resulting string of numbers for a match with a DTMFAccessID value in the dialing domain. If a match is found, the call is sent to the matching object. If no match is found, the "Error greeting" for the call handler is invoked.</p> <p>If a key is "locked" then this value does not apply. Instead action is taken immediately on that key instead of allowing more digits.</p>
Business Rules:	

Property Name	Value
Developer Notes:	A value of 0 disables one key input. Administrative interface should display value in 100 millisecond increments.
Table/Column Mapping:	tbl_CallHandler.OneKeyDelay
Primary Key:	False
Allow Null:	False
Default Value:	1500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	5000

Recipient_ContactObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a contact, this points to the contact.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_ContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_DistributionListObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this is NULL
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_DistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_SubscriberObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this points to the subscriber.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_SubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Notes:	<p>This schedule (commonly referred to as the "active schedule") defines what times of the day are considered "standard" and what times are considered "off hours" in 30 minute increments for each of the 7 days of the week. This is used to determine which greeting and transfer rules are triggered for the call handler when processing calls.</p> <p>This value dictates which transfer rule or greeting rule is active when a call hits it.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ScheduleSetObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SendSecureMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "secure."
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.SendSecureMsg
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "urgent."
Notes:	Values: 0: Never - messages left by unidentified calls are never marked urgent. 1: Always - all messages left by unidentified callers are marked urgent. 2: ask - Cisco Unity Connection asks unidentified callers whether to mark their messages urgent.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.SendUrgentMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MarkUrgent
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that contains the voice file name for this handler.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.StreamFileObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	TimeZone this call handler is operating in.
Notes:	If NULL, use the TimeZone value from the VMS (vw_LocalVMS.TimeZone).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Used to prevent the deletion of factory defaults such as the "Opening Greeting" call handler. 0: The handler can be deleted by an administrator (with the required privilege) via an administrative application such as Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager. 1: The handler cannot be deleted by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag allows that language to be the language used by handlers in the system to play prompts for users. Values: 0: Do not use the language specified by the system call routing rule to play prompts for users 1: Use the language specified by the system call routing rule to play prompts for users
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.UseCallLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this call handler template is derived from the call handler template object attribute or the default language from the location to which the call handler template belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Notes:	Values: 0: The language is the default language defined for the call handler template. 1: The language is derived from the location to which this call handler template belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultTimeZone

Property Name	Value
Description:	A flag indicating whether the timezone for this call handler template is derived from the call handler template object attribute or the default timezone from the location to which the call handler template belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.

Property Name	Value
Notes:	Values: 0: The time zone is the default timezone defined for the call handler template. 1: The time zone is derived from the location to which this call handler template belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via url, but the url-path is constructed from the filename dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.16. vw_CallhandlerTemplate

A template for a call handler object. This view contains all the same columns as a call handler object. The value of the "IsTemplate" column must be 1, which indicates this row of a call handler object is a template.

Additional Information

This view is comprised of all the columns from the tbl_Handler and tbl_CallHandler tables.

Does not return primary call handlers, since they are not stand alone templates but part of a subscriber template.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AfterMessage_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	AfterMessage_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	AfterMessage_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	CreationTime	datetime (8 bytes)	The date and time the handler is created.	
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
	EditMsg	smallint (2 bytes)	A flag that determines whether the caller can edit messages.	Bool
	IsPrimary	smallint (2 bytes)	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.	Bool
	IsTemplate	smallint (2 bytes)	A flag indicating whether this CallHandler is a "template" for creating new call handlers.	Bool
	Language	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.	Language-Code
	LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this handler belongs.	ObjectID
	MaxMsgLen	int (4 bytes)	The maximum recording length (in seconds) for messages left by unidentified callers.	
	MediaSwitchObjectId	char (36 characters)	Default switch to use for transfers.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	OneKeyDelay	int (4 bytes)	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.	
	Recipient_ContactObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	Recipient_DistributionListObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	Recipient_SubscriberObjectId	char (36 characters)	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.	ObjectID
	ScheduleSetObjectId	char (36 characters)	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.	ObjectID
	SendSecureMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "secure."	Bool
	SendUrgentMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "urgent."	MarkUrgent
	StreamFileObjectId	char (36 characters)	The unique identifier of the StreamFile object that contains the voice file name for this handler.	ObjectID
	TimeZone	int (4 bytes)	TimeZone this call handler is operating in.	
	Undeletable	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseCallLanguage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this call handler template is derived from the call handler template object attribute or the default language from the location to which the call handler template belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	UseDefaultTimeZone	smallint (2 bytes)	A flag indicating whether the timezone for this call handler template is derived from the call handler template object attribute or the default timezone from the location to which the call handler template belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_CallhandlerTemplateCreate	<p>Creates a new call handler template by inserting a new row into tbl_CallHandler. A call handler template is identical to a call handler except for one distinction --- IsTemplate column = true (1) signifies that a call handler object is a template. This procedure is used to create both primary and non-primary call handlers.</p> <p>csp_CallhandlerTemplateCreate sets the callhandler template attributes by using the values passed in and the default values from the specified callhandler template (optional). Note that a call handler template is optional to create a call handler template.</p> <p>In addition to creating a new handler and callhandler object, this stored procedure also creates the sub collections of call action, greeting, transferoption and menuentry objects associated with this callhandler template. If a VoiceName is passed in, a new voice name for the call handler template is created (executes csp_StreamFileModify) by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.</p> <p>To change the attributes for a call handler template, see csp_CallhandlerTemplateModify.</p>
csp_CallhandlerTemplateDelete	Deletes a CallHandler template object from tbl_CallHandler as specified by the @ObjectId parameter.
csp_CallhandlerTemplateModify	<p>Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.</p> <p>Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.</p>

Column Properties

AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the handler is created.
Notes:	
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Table/Column Mapping:	tbl_Handler.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

EditMsg

Property Name	Value
Description:	A flag that determines whether the caller can edit messages.
Notes:	Allows callers to be prompted to listen to, add to, rerecord, or delete their messages. Values: 0: Callers cannot edit messages 1: Callers can edit messages
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.EditMsg
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.

Property Name	Value
Notes:	<p>Each subscriber is associated with a call handler, which is referred to as the "primary call handler" for that subscriber. An "application call handler" is just a normal call handler.</p> <p>One important limitation that a primary call handler that an application call handler does not have is that the subscriber administration interface shall only allow one transfer rule to be enabled (the alternate transfer rule). An application call handler has three transfer rules - alternate, standard, and off hours.</p> <p>Another distinction between primary and application call handlers is that primary call handlers must have a DTMFAccessID value assigned to them. A DTMFAccessID value is optional for application call handlers.</p> <p>Values: 0: Not a primary call handler 1: Primary call handler</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsTemplate

Property Name	Value
Description:	A flag indicating whether this CallHandler is a "template" for creating new call handlers.
Notes:	<p>Used to provide default values for selected columns when creating new call handlers. A value of 1 (i.e., true) means this row is an object template.</p> <p>Values: 0: Not a template 1: Is a template</p>
Business Rules:	Cannot be modified.
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.IsTemplate
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.

Property Name	Value
Notes:	<p>This is the Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>A value of NULL means the language is inherited. If you choose Inherited, Cisco Unity Connection determines the language to use for system prompts on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to Inherited for every rule and handler that processes a call, then the system prompts are played in the default phone language. For instance, if the call came in and hit an opening greeting that was set to 1033 for US English, that call is considered US English until it hits another object in the database that has a language setting other than NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063</p>

Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Language

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	Although for Cisco Unity Connection, only one primary location per VMS is supported, in a subsequent 5.x product release, multiple location objects per VMS are planned to provide multi-tenant capabilities.
Table/Column Mapping:	tbl_Handler.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMsgLen

Property Name	Value
Description:	The maximum recording length (in seconds) for messages left by unidentified callers.

Property Name	Value
Notes:	<p>This value is used when the call handler is set to an action of "Take Message" (either by an after greeting action in the messagingrule table or via a user input action in the menuentry table.</p> <p>This value only gets applied to unidentified callers leaving a message.</p> <p>This value is not used for subscriber-subscriber messaging. Instead the COS for the calling subscriber determines the maximum recorded message length.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.MaxMsgLen
Primary Key:	False
Allow Null:	False
Default Value:	300
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

MediaSwitchObjectId

Property Name	Value
Description:	Default switch to use for transfers.
Notes:	It is possible to override this value by changing the switch id for a specific transfer option.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.MediaSwitchObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	The value of this objectId is the same as the tbl_Handler.ObjectId column in the tbl_Handler base table.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OneKeyDelay

Property Name	Value
Description:	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Notes:	<p>When a caller interrupts a greeting with a digit, Cisco Unity Connection will wait this number of milliseconds to see if they are going to enter more digits. Once this timeout is reached (or the caller terminates the input with a #), Cisco Unity Connection will do a look-up of the resulting string of numbers for a match with a DTMFAccessID value in the dialing domain. If a match is found, the call is sent to the matching object. If no match is found, the "Error greeting" for the call handler is invoked.</p> <p>If a key is "locked" then this value does not apply. Instead action is taken immediately on that key instead of allowing more digits.</p>
Business Rules:	

Property Name	Value
Developer Notes:	A value of 0 disables one key input. Administrative interface should display value in 100 millisecond increments.
Table/Column Mapping:	tbl_CallHandler.OneKeyDelay
Primary Key:	False
Allow Null:	False
Default Value:	1500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	5000

Recipient_ContactObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a contact, this points to the contact.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_ContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_DistributionListObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this is NULL
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_DistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_SubscriberObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	In the case of a primary call handler associated with a subscriber, this points to the subscriber.
Business Rules:	Only one Recipient_ column may be filled in
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.Recipient_SubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Notes:	<p>This schedule (commonly referred to as the "active schedule") defines what times of the day are considered "standard" and what times are considered "off hours" in 30 minute increments for each of the 7 days of the week. This is used to determine which greeting and transfer rules are triggered for the call handler when processing calls.</p> <p>This value dictates which transfer rule or greeting rule is active when a call hits it.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.ScheduleSetObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SendSecureMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "secure."
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.SendSecureMsg
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "urgent."
Notes:	Values: 0: Never - messages left by unidentified calls are never marked urgent. 1: Always - all messages left by unidentified callers are marked urgent. 2: ask - Cisco Unity Connection asks unidentified callers whether to mark their messages urgent.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.SendUrgentMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MarkUrgent
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that contains the voice file name for this handler.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.StreamFileObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	TimeZone this call handler is operating in.
Notes:	If NULL, use the TimeZone value from the VMS (vw_LocalVMS.TimeZone).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallHandler.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Used to prevent the deletion of factory defaults such as the "Opening Greeting" call handler. 0: The handler can be deleted by an administrator (with the required privilege) via an administrative application such as Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager. 1: The handler cannot be deleted by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag allows that language to be the language used by handlers in the system to play prompts for users. Values: 0: Do not use the language specified by the system call routing rule to play prompts for users 1: Use the language specified by the system call routing rule to play prompts for users
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.UseCallLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this call handler template is derived from the call handler template object attribute or the default language from the location to which the call handler template belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Notes:	Values: 0: The language is the default language defined for the call handler template. 1: The language is derived from the location to which this call handler template belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultTimeZone

Property Name	Value
Description:	A flag indicating whether the timezone for this call handler template is derived from the call handler template object attribute or the default timezone from the location to which the call handler template belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.

Property Name	Value
Notes:	Values: 0: The time zone is the default timezone defined for the call handler template. 1: The time zone is derived from the location to which this call handler template belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via url, but the url-path is constructed from the filename dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.17. vw_chk_MediaPort_DisabledWithPortMemoryRefs

A check for telephony ports that (1) are unable to send MWI requests to the phone system and (2) are referenced by MWI devices that are active and in the "On" state and require port memory.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	lvvarchar (256 characters)	Name of media port.	MediaPortDisplayName
	NumNotificationMwi	int (4 bytes)	The number of ports that (1) are unable to send MWI requests to the phone system and (2) are referenced by MWI devices that are active and in the "On" state and require port memory.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.	ObjectID

Stored Procedures

vw_chk_MediaPort_DisabledWithPortMemoryRefs has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	Name of media port.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	MediaPortDisplayName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NumNotificationMwi

Property Name	Value
Description:	The number of ports that (1) are unable to send MWI requests to the phone system and (2) are referenced by MWI devices that are active and in the "On" state and require port memory.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	Default value = newid().

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.18. vw_chk_MediaPort_MismatchedVmsServer

A check for a mismatched VMS server. Shows the rows in tbl_MediaPort with VmsServerObjectId not matching the VmsServerObjectId in the corresponding row in UnityDynDb tbl_MediaPortState.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	lvarchar (256 characters)		MediaPortDisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.	ObjectID

Stored Procedures

vw_chk_MediaPort_MismatchedVmsServer has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	MediaPortDisplayName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.19. vw_chk_MediaPort_NoMediaPortConfigState

A check for an unconfigured media port. Shows the rows in tbl_MediaPort with no corresponding row in tbl_MediaPortConfigState.

Additional Information

This condition can result from tampering with the database.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	lvvarchar (256 characters)		MediaPortDisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.	ObjectID

Stored Procedures

vw_chk_MediaPort_NoMediaPortConfigState has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	MediaPortDisplayName
SQL Data Type/Length:	lvvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$

Property Name	Value
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.20. vw_chk_MediaPort_PortsDeleted

A check for deleted ports that are still running in a role. Shows the telephony ports that have been deleted from the Cisco Unity Connection configuration but are still running inside the Voice Processing role.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	PortCount	int (4 bytes)		
	VmsServerName	nvarchar (64 characters)	The name of the server.	
PK	VmsServerObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID

Stored Procedures

vw_chk_MediaPort_PortsDeleted has no stored procedures.

Column Properties

PortCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\-\]*\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectId
Primary Key:	True
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.21. vw_chk_MediaPort_PortsNeedRestart

A check for media ports that need to be restarted. Shows the telephony ports that have been have been reconfigured in such a way that the ports need to be restarted for the changes to take effect.

Additional Information

Telephony port objects run inside the Voice Processing role. These objects can respond to some configuration changes dynamically (i.e., during the next call). Other changes require the port to be restarted to take effect.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	PortCount	int (4 bytes)		
	VmsServerName	nvarchar (64 characters)	The name of the server.	
PK	VmsServerObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID

Stored Procedures

vw_chk_MediaPort_PortsNeedRestart has no stored procedures.

Column Properties

PortCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\-*]\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectId
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.22. vw_chk_MediaPort_PortsNeverStarted

A check for media ports that have never been started. Shows the telephony ports that have been added to the Cisco Unity Connection configuration but are not yet running.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	PortCount	int (4 bytes)		
	VmsServerName	nvarchar (64 characters)	The name of the server.	
PK	VmsServerObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID

Stored Procedures

vw_chk_MediaPort_PortsNeverStarted has no stored procedures.

Column Properties

PortCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\-\]*\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectId
Primary Key:	True
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.23. vw_chk_MediaPort_SIPSendPortOutOfRange

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	lvarchar (256 characters)		MediaPortDisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.	ObjectID
	ServerName	nvarchar (64 characters)	The name of the server.	
	SipSendPort	int (4 bytes)	UDP port for outgoing SIP messages.	
PK	VmsServerObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID

Stored Procedures

vw_chk_MediaPort_SIPSendPortOutOfRange has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	MediaPortDisplayName

Property Name	Value
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9_-]*\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SipSendPort

Property Name	Value
Description:	UDP port for outgoing SIP messages.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.SipSendPort
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

VmsServerObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	

Property Name	Value
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.24. vw_chk_MediaPort_SkinnyDevNameTooLong

A check for a SkinnyDeviceName name exceeding the defined limit. Shows the telephony ports having SkinnyDeviceName that exceeds the size permitted by the Skinny Client Control Protocol (SCCP), which is 16 characters.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	lvarchar (256 characters)		MediaPortDisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.	ObjectID
	SkinnyDeviceName	lvarchar (256 characters)		
	SkinnyDevice-NameLength	int (4 bytes)		

Stored Procedures

vw_chk_MediaPort_SkinnyDevNameTooLong has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	MediaPortDisplayName

Property Name	Value
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDeviceName

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDeviceNameLength

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.25. vw_chk_MediaPort_VmsServerVPRoleRequiresRestart

A check for a voice processing role that needs to be restarted. Shows the VMS servers where the Voice Processing role needs to be restarted to cause telephony configuration changes to take effect.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	PortCount	int (4 bytes)		
	VmsServerName	nvarchar (64 characters)	The name of the server.	
PK	VmsServerObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID

Stored Procedures

vw_chk_MediaPort_VmsServerVPRoleRequiresRestart has no stored procedures.

Column Properties

PortCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\-\]*\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectId
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.26. vw_chk_MediaPortGroup_DupCCMServers

A check for duplicate Cisco Unified Communications Manager servers. Shows the port groups having multiple child Cisco Unified Communications Manager servers (tbl_MediaRemoteService) having the same HostOrIPAddress.

Additional Information

This check does not account for DNS hostname resolution.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	HostCount	int (4 bytes)		
	HostOrIPAddress	lvarchar (256 characters)	The DNS name or IP address of the computer hosting the remote service .	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID

Stored Procedures

vw_chk_MediaPortGroup_DupCCMServers has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HostCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

HostOrIPAddress

Property Name	Value
Description:	The DNS name or IP address of the computer hosting the remote service .
Notes:	IPv6 addresses not permitted yet.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.HostOrIPAddress
Primary Key:	False
Allow Null:	False
Default Value:	127.0.0.1
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.27. vw_chk_MediaPortGroup_DupCCMTFTPServers

A check for duplicate Cisco Unified Communications Manager TFTP servers. Shows the port groups having multiple child Cisco Unified Communications Manager TFTP servers (tbl_MediaRemoteService) having the same HostOrIPAddress.

Additional Information

This check does not account for DNS hostname resolution.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	HostCount	int (4 bytes)		
	HostOrIPAddress	lvarchar (256 characters)	The DNS name or IP address of the computer hosting the remote service .	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID

Stored Procedures

vw_chk_MediaPortGroup_DupCCMTFTPServers has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HostCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

HostOrIPAddress

Property Name	Value
Description:	The DNS name or IP address of the computer hosting the remote service .
Notes:	IPv6 addresses not permitted yet.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.HostOrIPAddress
Primary Key:	False
Allow Null:	False
Default Value:	127.0.0.1
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.28. vw_chk_MediaPortGroup_DupSIPProxyServers

A check for duplicate SIP proxy servers. Shows the port groups having multiple child SIP proxy servers (tbl_MediaRemoteService) having the same HostOrIPAddress and port number.

Additional Information

This check does not account for DNS hostname resolution.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	HostCount	int (4 bytes)		
	HostOrIPAddress	lvarchar (256 characters)	The DNS name or IP address of the computer hosting the remote service .	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID
	Port	int (4 bytes)	The IP port at which the service is found.	

Stored Procedures

vw_chk_MediaPortGroup_DupSIPProxyServers has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HostCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

HostOrIPAddress

Property Name	Value
Description:	The DNS name or IP address of the computer hosting the remote service .
Notes:	IPv6 addresses not permitted yet.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.HostOrIPAddress
Primary Key:	False
Allow Null:	False
Default Value:	127.0.0.1
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Port

Property Name	Value
Description:	The IP port at which the service is found.
Notes:	
Business Rules:	Range: 0-65535
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.Port
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

5.29. vw_chk_MediaPortGroup_NoCCMServers

A check for Skinny media port groups without defined Cisco Unified Communications Manager servers. Shows the Skinny port groups having no Cisco Unified Communications Manager servers configured for them.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectID	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID

Stored Procedures

vw_chk_MediaPortGroup_NoCCMServers has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.30. vw_chk_MediaPortGroup_NoCCMTFTPServers

A check for Skinny media port groups without defined Cisco Unified Communications Manager TFTP servers. Shows the Skinny port groups having at least one port configured for SCCP over a TLS connection but no Cisco Unified Communications Manager TFTP servers.

Additional Information

TFTP to the Cisco Unified Communications Manager cluster is required for the Cisco Unity Connection telephony port to establish a TLS Skinny connection to the cluster.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID

Stored Procedures

vw_chk_MediaPortGroup_NoCCMTFTPServers has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.31. vw_chk_MediaPortGroup_NoCodecs

A check for media port groups without any defined codecs. Shows the telephony port groups having no codecs.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID

Stored Procedures

vw_chk_MediaPortGroup_NoCodecs has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.32. vw_chk_MediaPortGroup_NoMWIONOffCodes

Shows Skinny port groups with no MWI on or MWI off code configured

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	PortCount	int (4 bytes)	Number of ports in the port group	

Stored Procedures

vw_chk_MediaPortGroup_NoMWIONOffCodes has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PortCount

Property Name	Value
Description:	Number of ports in the port group
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.33. vw_chk_MediaPortGroup_NoPIMGRemoteService

A check for PIMG media port groups without a defined remote service. Shows the PIMG port groups having no MediaRemoteService configured for them.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID

Stored Procedures

vw_chk_MediaPortGroup_NoPIMGRemoteService has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.34. vw_chk_MediaPortGroup_NoPorts

A check for media port groups without any defined ports. Shows the telephony port groups having no ports.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID

Stored Procedures

vw_chk_MediaPortGroup_NoPorts has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.35. vw_chk_MediaPortGroup_NoSIPProxyServers

A check for no defined SIP proxy server. Shows the Skinny port groups having no SIP proxy servers configured for them.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID

Stored Procedures

vw_chk_MediaPortGroup_NoSIPProxyServers has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.36. vw_chk_MediaPortGroup_NoUnitySIPPort

A check for media port groups without a defined Unity SIP port. Shows the telephony ports having no Unity SIP port specified.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID
	PortCount	int (4 bytes)		
	TelephonyIntegration-MethodEnum	smallint (2 bytes)	The method used by lines in this group to integrate with the switch.	TelephonyIntegration-Method
	VmsServerName	nvarchar (64 characters)	The name of the server.	
PK	VmsServerObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID

Stored Procedures

vw_chk_MediaPortGroup_NoUnitySIPPort has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PortCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used by lines in this group to integrate with the switch.
Notes:	FK to TelephonyIntegrationMethodEnum.Enum. Values: 1: Skinny Client Control Protocol (SCCP) integration method. 2: Session Initiation Protocol (SIP) integration method. 3: Intel PBX IP Media Gateway (PIMG) integration method.
Business Rules:	Once a instance of this object has been created, this value can never be modified.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.TelephonyIntegrationMethodEnum
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	TelephonyIntegrationMethod
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

VmsServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\-\]*\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.37. vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange

A check for out of range SIP ports. Shows the Unity SIP ports falling outside the range configured for SIP.

Additional Information

Reserved ranges are found in tbl_IPPortReservation.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	IpPort	int (4 bytes)	The IP port number.	
	MediaPortGroupDisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	MediaPortGroupObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.	ObjectID
	ServerName	nvarchar (64 characters)	The name of the server.	
PK	VmsServerObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID

Stored Procedures

vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange has no stored procedures.

Column Properties

IpPort

Property Name	Value
Description:	The IP port number.
Notes:	

Property Name	Value
Business Rules:	Range: 0-65535. When an instance of a MediaPortGroupIPPort object is created or the value of IPPort is modified, the value should fall within the range(s) specified in IPPortReservation for the same Purpose.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupIPPort.IpPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

MediaPortGroupDisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupIPPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\-\]*\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.38. vw_chk_MediaSwitch_DupCCMAXLServers

A check for duplicate Cisco Unified Communications Manager AXL servers. Shows the phone systems (tbl_MediaSwitch) having multiple child Cisco Unified Communications Manager AXL servers (tbl_MediaRemoteService) with the same HostOrIPAddress and port number.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	HostCount	int (4 bytes)		
	HostOrIPAddress	lvarchar (256 characters)	The DNS name or IP address of the computer hosting the remote service .	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID
	Port	int (4 bytes)	The IP port at which the service is found.	

Stored Procedures

vw_chk_MediaSwitch_DupCCMAXLServers has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HostCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

HostOrIPAddress

Property Name	Value
Description:	The DNS name or IP address of the computer hosting the remote service .

Property Name	Value
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.HostOrIPAddress
Primary Key:	False
Allow Null:	False
Default Value:	127.0.0.1
Custom Type:	
SQL Data Type/Length:	lvvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Port

Property Name	Value
Description:	The IP port at which the service is found.
Notes:	
Business Rules:	Range: 0-65535
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.Port
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

5.39. vw_chk_MediaSwitch_DupPIMG

A check for duplicate PIMG port groups. Shows the phone systems (MediaSwitch) having two or more PIMG port groups with the same HostOrIPAddress (Case-insensitive comparison). HostOrIPAddress is found in MediaRemoteService.

Additional Information

This check does not account for hostname resolving to an IP address that is a duplicate on one in another row.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	HostOrIPAddress	lvarchar (256 characters)	The DNS name or IP address of the computer hosting the remote service .	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID
	PimgCount	int (4 bytes)	Number of PIMG port groups found with the same HostOrIPAddress.	

Stored Procedures

vw_chk_MediaSwitch_DupPIMG has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HostOrIPAddress

Property Name	Value
Description:	The DNS name or IP address of the computer hosting the remote service .
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.HostOrIPAddress
Primary Key:	False
Allow Null:	False
Default Value:	127.0.0.1
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.

Property Name	Value
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PimgCount

Property Name	Value
Description:	Number of PIMG port groups found with the same HostOrIPAddress.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.40. vw_chk_MediaSwitch_MediaPortExtensionDuplicated

A check for duplicate extension numbers. Shows the phone systems (tbl_MediaSwitch) having multiple telephony ports configured to use the same extension number.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	Extension	varchar (128 characters)	The dialable number (extension) of this line/port.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID
	PortCount	int (4 bytes)		

Stored Procedures

vw_chk_MediaSwitch_MediaPortExtensionDuplicated has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Extension

Property Name	Value
Description:	The dialable number (extension) of this line/port.
Notes:	For Cisco Unified Communications Manager, this is a directory number (DN). Does not apply to SIP integrations.
Business Rules:	Pertinent forTelephonyIntegrationMethodEnum NOT= SIP.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.Extension
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (128 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits only
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PortCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.41. vw_chk_MediaSwitch_MediaPortHuntOrderDuplicated

A check for media ports configured to use the same hunt order. Shows the phone systems (tbl_MediaSwitch) having multiple telephony ports configured to use the same hunt order.

Additional Information

One ports configured to have some sort of outdial capability (notifications, MWIs, etc.) are included in the search.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	HuntOrder	smallint (2 bytes)	The position of this line in the hunt group as configured on the switch, with the highest numbers representing the lines that are first ("use me first") in the hunt group. Ports can have the same HuntOrder, and in that case ports will be selected on a round-robin (or longest-idle) basis.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID
	PortCount	int (4 bytes)		

Stored Procedures

vw_chk_MediaSwitch_MediaPortHuntOrderDuplicated has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HuntOrder

Property Name	Value
Description:	The position of this line in the hunt group as configured on the switch, with the highest numbers representing the lines that are first ("use me first") in the hunt group. Ports can have the same HuntOrder, and in that case ports will be selected on a round-robin (or longest-idle) basis.
Notes:	<p>To determine what port to use for an outgoing call or MWI request, Cisco Unity Connection examines the HuntOrder of all the MediaPort objects that are (1) assigned the switch to which the call or MWI request should be directed and (2) allowed to perform the requested function. Cisco Unity selects the available MediaPort with the highest value HuntOrder. Selecting the highest available HuntOrder is intended to avoid collisions with incoming calls, which the switch will tend to direct to the lowest-numbered ports.</p> <p>Thus HuntOrder is a relative ranking between MediaPorts assigned to the same switch. It doesn't necessarily need to exactly match the programming on the switch.</p>
Business Rules:	Hunt order is not available for SIP ports. However, hunt order is available for PIMG ports.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.HuntOrder
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	4096

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PortCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.42. vw_chk_MediaSwitch_NoDefaultTRaPSwitch

Returns one row if no rows in tbl_MediaSwitch have non-zero defaultTRaPSwitch

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	NoDefaultTRaPSwitch	int (4 bytes)	Placeholder column, value always=1.	

Stored Procedures

vw_chk_MediaSwitch_NoDefaultTRaPSwitch has no stored procedures.

Column Properties

NoDefaultTRaPSwitch

Property Name	Value
Description:	Placeholder column, value always=1.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.43. vw_chk_MediaSwitch_NoMWI

A check for a media switch without MWI capabilities. Shows the phone systems (tbl_MediaSwitch) having no ability to set message waiting indicators (MWIs).

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID

Stored Procedures

vw_chk_MediaSwitch_NoMWI has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.44. vw_chk_MediaSwitch_NoPortsAnswer

A check for no ports configured for incoming calls. Shows the phone systems (tbl_MediaSwitch) having no telephony ports configured to answer incoming phone calls.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID

Stored Procedures

vw_chk_MediaSwitch_NoPortsAnswer has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.45. vw_chk_MediaSwitch_NoPortsNotification

A check for no notification ports. Shows the phone systems (tbl_MediaSwitch) having no telephony ports allowed to place outgoing calls for "new message" notification.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID

Stored Procedures

vw_chk_MediaSwitch_NoPortsNotification has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.46. vw_chk_MediaSwitch_NoPortsTRaP

A check for no outdial ports to play messages to a subscriber. Shows the phone systems (tbl_MediaSwitch) having no telephony ports allowed to place outgoing calls to play messages to a subscriber.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID

Stored Procedures

vw_chk_MediaSwitch_NoPortsTRaP has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.47. vw_chk_MediaSwitch_PortGroupsMismatchedMwiReqPortSpecific

This query lists the phone systems having at least one port group configured for in-band MWI and at least one port group configured for out-of-band. The list includes the number of port groups in each category. The column that contains the in-band/out-of-band setting is tbl_MediaPortGroup.MwiReqPortSpecific.

Additional Information

For a given phone system (row in tbl_MediaSwitch) all of its port groups should normally be configured to send MWI requests either in-band or out-of-band (or not at all).

In-band requires the use of a Unity port and telephone line (e.g., DTMF). Out-of-band does not require the use of a Unity port. In the case of PIMG integrations, out-of-band usually means that the PIMG forwards the MWI request to the PBX via a serial cable.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	numInBand	int (4 bytes)	The number of media port groups enabled for MWI and having MwiReqPortSpecific = true.	
	numOutOfBand	int (4 bytes)	The number of port groups enabled for MWI and having MwiReqPortSpecific = false.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID

Stored Procedures

vw_chk_MediaSwitch_PortGroupsMismatchedMwiReqPortSpecific has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

numInBand

Property Name	Value
Description:	The number of media port groups enabled for MWI and having MwiReqPortSpecific = true.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

numOutOfBand

Property Name	Value
Description:	The number of port groups enabled for MWI and having MwiReqPortSpecific = false.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.48. vw_Configuration

Configuration data used by Cisco Unity Connection components and applications.

Additional Information

This view is comprised of all the columns in the tbl_Configuration table.

The view uses a user defined function to generate one of the columns.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Configuration-MetadataObjectId	char (36 characters)	The unique identifier to a node that is a pointer into another table that will contain validation information.	ObjectID
	DefaultValueBool	smallint (2 bytes)		Bool
	DefaultValueDate	datetime (8 bytes)		
	DefaultValueFloat	float (8 bytes)		
	DefaultValueGuid	char (36 characters)		ObjectID
	DefaultValueLong	int (4 bytes)		
	DefaultValueString	nvarchar (512 characters)		
	FullName	nvarchar (380 characters)	The fully qualified name of the configuration setting node.	Configuration-FullName
	HasChildNodes	smallint (2 bytes)	Indicates whether or not the node has any child nodes.	Bool
	LastModifiedBy-Component	nvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	Name	nvarchar (256 characters)	The text name of the node.	Configuration-Name
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.	ObjectID
	ParentId	char (36 characters)	The unique identifier of the node parent.	ObjectID
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	ResetToDefaultOnUpgrade	smallint (2 bytes)	A flag indicating whether or not this setting's value should be migrated during upgrades.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	lvarchar (512 characters)		
	ValueBool	smallint (2 bytes)	The value of the node if the node is of type bool.	Bool
	ValueDate	datetime (8 bytes)	The value of the node if the node is of type datetime.	
	ValueFloat	float (8 bytes)	The value of the node if the node is of type float.	
	ValueGuid	char (36 characters)	The value of the node if the node is of type ObjectID	ObjectID
	ValueLong	int (4 bytes)	The value of the node if the node is of type long.	
	ValueString	lvarchar (512 characters)	The value of the node if the node is of type string.	

Stored Procedures

Name	Description
csp_ConfigurationModify	Updates the attributes of a specified instance of a Configuration node based on the values passed in via the parameters.
csp_ConfigurationRetrieve	Retrieves information about an existing configuration node.

Column Properties

ConfigurationMetadataObjectID

Property Name	Value
Description:	The unique identifier to a node that is a pointer into another table that will contain validation information.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.ConfigurationMetadataObjectID
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueBool

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.DefaultValueBool
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueDate

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.DefaultValueDate

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueFloat

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.DefaultValueFloat
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	float (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueGuid

Property Name	Value
Description:	
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.DefaultValueGuid
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueLong

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.DefaultValueLong
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultValueString

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.DefaultValueString
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

FullName

Property Name	Value
Description:	The fully qualified name of the configuration setting node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HasChildNodes

Property Name	Value
Description:	Indicates whether or not the node has any child nodes.
Notes:	Values: 0: The node does not have any child nodes 1: The node has child nodes
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.HasChildNodes
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationName

Property Name	Value
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ParentId

Property Name	Value
Description:	The unique identifier of the node parent.
Notes:	Only one node, the top-most node in the hierarchy, can have a NULL ParentId.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.ParentId
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ResetToDefaultOnUpgrade

Property Name	Value
Description:	A flag indicating whether or not this setting's value should be migrated during upgrades.
Notes:	<p>Setting this flag to false (0) will cause the value of this setting to be migrated during an upgrade. This will be the case for most settings.</p> <p>Setting this flag to true (1) will prevent the value of this setting from being migrated (copied) during an upgrade. After the upgrade, the setting will have the same value that the corresponding setting on a fresh install would have.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.ResetToDefaultOnUpgrade
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	<p>Possible node data types are bool, datetime, float, long, string, and null.</p> <p>Values:</p> <p>1: The node contains a NULL value.</p> <p>11: The node contains a bool type value.</p> <p>3: The node contains a long value.</p> <p>4: The node contains a float value.</p> <p>7: The node contains a date/time value.</p> <p>8: The node contains a string value.</p> <p>88: The node contains a GUID (unique identifier) value.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	<p>Values:</p> <p>0: End user cannot access this object</p> <p>1: An end user can access this object</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	
Notes:	A node can have a NULL value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueBool

Property Name	Value
Description:	The value of the node if the node is of type bool.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_Configuration.ValueBool
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueDate

Property Name	Value
Description:	The value of the node if the node is of type datetime.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.ValueDate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueFloat

Property Name	Value
Description:	The value of the node if the node is of type float.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.ValueFloat
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	float (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueGuid

Property Name	Value
Description:	The value of the node if the node is of type ObjectId
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.ValueGuid
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueLong

Property Name	Value
Description:	The value of the node if the node is of type long.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.ValueLong
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ValueString

Property Name	Value
Description:	The value of the node if the node is of type string.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.ValueString
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.49. vw_Configuration_AdvSetting_Conversations

Contains the configuration data for Conversation settings. The primary purpose of this view is to control access to the Advanced settings in CUSA for configuring the Conversation settings.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FullName	lvvarchar (380 characters)	The fully qualified name of the node.	Configuration-FullName
	LastModifiedBy-Component	lvvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	lvvarchar (512 characters)	Value of the node.	

Stored Procedures

vw_Configuration_AdvSetting_Conversations has no stored procedures.

Column Properties

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	Value of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.50. vw_Configuration_AdvSetting_CPCA

Contains the configuration data for Telephone Record and Playback.

Additional Information

Selects everything from PCA tree - set UserLevel=0 for those that should not show up in the SA.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FullName	lvarchar (380 characters)	The fully qualified name of the node.	Configuration-FullName
	LastModifiedBy-Component	lvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	lvarchar (512 characters)	Value of the node.	

Stored Procedures

vw_Configuration_AdvSetting_CPCA has no stored procedures.

Column Properties

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	Value of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.51. vw_Configuration_AdvSetting_Groupware

Contains the configuration data for the Groupware (calendar) settings. The primary purpose of this view is to control access to the Advanced settings in CUSA for configuring the Groupware settings.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FullName	lvarchar (380 characters)	The fully qualified name of the node.	Configuration-FullName
	LastModifiedBy-Component	lvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	lvarchar (512 characters)	Value of the node.	

Stored Procedures

vw_Configuration_AdvSetting_Groupware has no stored procedures.

Column Properties

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	Value of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.52. vw_Configuration_AdvSetting_Reports

Contains the configuration data for Reports settings. The primary purpose of this view is to control access to the Advanced settings in CUSA for configuring the Reports settings.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FullName	lvarchar (380 characters)	The fully qualified name of the node.	Configuration-FullName
	LastModifiedBy-Component	lvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	lvarchar (512 characters)	Value of the node.	

Stored Procedures

vw_Configuration_AdvSetting_Reports has no stored procedures.

Column Properties

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	Value of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.53. vw_Configuration_AdvSetting_SA

Contains the configuration data for SA settings. The primary purpose of this view is to control access to SA settings in CUSA.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FullName	lvarchar (380 characters)	The fully qualified name of the node.	Configuration-FullName
	LastModifiedBy-Component	lvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	lvarchar (512 characters)	Value of node.	

Stored Procedures

vw_Configuration_AdvSetting_SA has no stored procedures.

Column Properties

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	Value of node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.54. vw_Configuration_AdvSetting_SecureMessaging

Contains the configuration data for the Secure Messaging feature. The primary purpose of this view is to control access to the Advanced settings in CUSA for configuring the Secure Messaging feature.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FullName	lvarchar (380 characters)	The fully qualified name of the node.	Configuration-FullName
	LastModifiedBy-Component	lvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	lvarchar (512 characters)	Value of the node.	

Stored Procedures

vw_Configuration_AdvSetting_SecureMessaging has no stored procedures.

Column Properties

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	Value of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.55. vw_Configuration_AdvSetting_SystemSetup

Contains the configuration data for miscellaneous settings. Included in this view are:

- Disk max threshold
- Trap max rings

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FullName	lvarchar (380 characters)	The fully qualified name of the node.	Configuration-FullName
	LastModifiedBy-Component	lvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	lvarchar (512 characters)	Value of the node.	

Stored Procedures

vw_Configuration_AdvSetting_SystemSetup has no stored procedures.

Column Properties

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	Value of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.56. vw_Configuration_AdvSetting_Telephony

Contains the configuration data for Telephony settings. The primary purpose of this view is to control access to the Advanced settings in CUSA for configuring the Telephony settings.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FullName	lvarchar (380 characters)	The fully qualified name of the node.	Configuration-FullName
	LastModifiedBy-Component	lvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	lvarchar (512 characters)	Value of node.	

Stored Procedures

vw_Configuration_AdvSetting_Telephony has no stored procedures.

Column Properties

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	Value of node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.57. vw_Configuration_AdvSetting_TRaP

Contains the configuration data for Telephone Record and Playback.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FullName	lvarchar (380 characters)	The fully qualified name of the node.	Configuration-FullName
	LastModifiedBy-Component	lvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	lvarchar (512 characters)	Value of the node.	

Stored Procedures

vw_Configuration_AdvSetting_TRaP has no stored procedures.

Column Properties

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	Value of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.58. vw_ConfigurationValue

Flat value-based view on the configuration data.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FullName	nvarchar (380 characters)	The fully qualified name of the node.	Configuration-FullName
	LastModifiedBy-Component	nvarchar (256 characters)	The name of the component that last modified this node.	Component-Name
	LastModifiedTime	datetime (8 bytes)	The date and time of the last modification.	
	MaxVal	int (4 bytes)	For integer values, the maximum allowed value.	
	MinVal	int (4 bytes)	For integer values, the minimum allowed value.	
	RegexValidation	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.	
	RequiresRestart	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.	Bool
	Type	int (4 bytes)	The data type of the node value.	Configuration-NodeType
	UserSetting	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.	Bool
	Value	nvarchar (512 characters)	Value of the node.	

Stored Procedures

Name	Description
csp_ConfigurationValueModify	Modify a configuration value based on full name and string version of the value.

Column Properties

FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.FullName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ConfigurationFullName
SQL Data Type/Length:	lvarchar (380 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedByComponent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ComponentName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Anything goes.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	This column is updated whenever csp_ConfigurationModify is used to update a node.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.LastModifiedTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	NULL indicates there is no maximum set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MaxVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	NULL indicates there is no minimum specified.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.MinVal
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	NULL indicates there is no regular expression checking for this value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RegexValidation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.RequiresRestart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The data type of the node value.
Notes:	Values: 1: The node contains a NULL value. 11: The node contains a bool type value. 3: The node contains a long value. 4: The node contains a float value. 7: The node contains a date/time value. 8: The node contains a string value. 88: The node contains a GUID (unique identifier) value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	ConfigurationNodeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	Values: 0: End user cannot access this object 1: An end user can access this object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Configuration.UserSetting
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	Value of the node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.59. vw_Contact

A system contact along with its associated alias, dtmfaccessid, and streamfile attributes.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	AltFirstName	nvarchar (64 characters)	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	AltLastName	nvarchar (64 characters)	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	CallHandlerObjectId	char (36 characters)	The unique identifier of the primary CallHandler object for the contact.	ObjectID
	DeliveryLocationDtmfAccessId	nvarchar (40 characters)	The dtmf access id for the location to which this object belongs.	DtmfAccessId
	DeliveryLocationObjectId	char (36 characters)	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.	ObjectID
	DirectoryId	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).	DirectoryId
	DisableOutbound	smallint (2 bytes)	For an AMIS remote contact, indicates no messages are being delivered to this target	Bool
	DisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId
	DtmfNameFirstLast	varchar (16 characters)	Digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the contact. These digits are used for searching the contact by name via the phone.	DtmfName

Key	Name	SQL Data Type/Length	Description	Custom Type
	DtmfNameLastFirst	varchar (16 characters)	Digits corresponding the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the contact. These digits are used for searching the contact by name via the phone.	DtmfName
	FirstName	nvarchar (64 characters)	The first name (i.e., givenName) of a contact. Not their surname nor middle name.	Name
	LastName	nvarchar (64 characters)	The last name (i.e., surname or family name) of a contact, by which a contact is commonly known.	Name
	ListInDirectory	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should list the contact in the phone directory for outside callers.	Bool
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this contact belongs.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Contact object.	ObjectID
	RemoteAddress	lvarchar (256 characters)	A mail address on the remote system.	
	TransferEnabled	smallint (2 bytes)	Transfer enabled?	Bool
	TransferExtension	nvarchar (40 characters)	Transfer Extension	PhoneNumber E123
	TransferRings	smallint (2 bytes)	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.	
	TransferType	smallint (2 bytes)	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).	TransferType
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_ContactCreate	Creates a contact representing a user in a remote mail system by inserting a new row into tbl_Contact. In addition to creating a new Contact object, this procedure also creates several Contact related objects: * A DtmfAccessId object by inserting a new row into tbl_DtmfAccessId. * An Alias object is created in the tbl_Alias table by calling csp_AliasCreate. * If the parameter @VoiceName contains a value other than NULL, a StreamFile object is created with the value of tbl_StreamFile.FileName = @VoiceName. If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.
csp_ContactDelete	Deletes a Contact object from tbl_Contact as specified by the @ObjectId parameter.

Name	Description
csp_ContactModify	Updates the attributes of a Contact object based on the values passed in via the parameters. The @ObjectId parameter identifies the Contact object that is updated.
csp_VirtualContactCreate	Creates a virtual contact representing a VPIM user in a remote mail system by inserting a new row into tbl_Contact. In addition to creating a new Contact object, this procedure also creates an Alias object in the tbl_Alias table by calling csp_AliasCreate.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltFirstName

Property Name	Value
Description:	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.

Property Name	Value
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user firstname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altfirstname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.AltFirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltLastName

Property Name	Value
Description:	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user lastname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altlastname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.AltLastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the primary CallHandler object for the contact.
Notes:	The call handler determines how calls to the contact are handled, which greeting is played, and what options callers are given during after the greetings.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.CallHandlerObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DeliveryLocationDtmfAccessId

Property Name	Value
Description:	The dtmf access id for the location to which this object belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId

Property Name	Value
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\%\'?\'()\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DeliveryLocationObjectId

Property Name	Value
Description:	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DeliveryLocationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	Exactly what is stored here changes depending on the directory.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DirectoryId

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisableOutbound

Property Name	Value
Description:	For an AMIS remote contact, indicates no messages are being delivered to this target
Notes:	If an AMIS remote contact is configured to deliver messages to a target that is not answering or does not indicate its an AMIS destination or the like, deliveries will fail. If they fail too many times or for specific reasons, Unity will terminate delivery attempts as per the AMIS specification. If that happens, this value is set to 1.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DisableOutbound
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	The rule for automatically generating the displayname uses the Contact "FirstName" and "LastName" columns.
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ %\?\"'()~\!]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirstLast

Property Name	Value
Description:	Digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the contact. These digits are used for searching the contact by name via the phone.
Notes:	The digits corresponding to the contact first name are first, followed by the digits corresponding to the contact last name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of either the contact first or last name columns. For example, if a contact name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 8424282733427439
Business Rules:	When the first or last name of the contact is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DtmfNameFirstLast
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLastFirst

Property Name	Value
Description:	Digits corresponding the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the contact. These digits are used for searching the contact by name via the phone.
Notes:	The digits corresponding to the contact last name are first, followed by the digits corresponding to the contact first name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of the contact last or first name columns. For example, if a contact name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 4274392842428273
Business Rules:	When the last name of the contact is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DtmfNameLastFirst

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of a contact. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.FirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of a contact, by which a contact is commonly known.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.LastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the contact in the phone directory for outside callers.
Notes:	<p>If the contact is listed in the phone directory AND has a recorded voice name, outside callers can find this contact by spelling their name when using a directory handler (NameLookupHandler). This value has no effect on other users addressing this contact by name.</p> <p>Values: 0: Do not list the contact in the phone directory. 1: List the contact in the phone directory.</p>
Business Rules:	
Developer Notes:	Does this need to be set for GUI and TUI separately?
Table/Column Mapping:	tbl_Contact.ListInDirectory
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this contact belongs.
Notes:	
Business Rules:	
Developer Notes:	This will always be the local VMS until we are using LocationVMS to partition the local directory.
Table/Column Mapping:	tbl_Contact.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Contact.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RemoteAddress

Property Name	Value
Description:	A mail address on the remote system.
Notes:	This address isn't an SMTP address necessarily, for example on AMIS it is a remote extension.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.RemoteAddress
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferEnabled

Property Name	Value
Description:	Transfer enabled?
Notes:	Maps to alternate transfer option's transfer action.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferExtension

Property Name	Value
Description:	Transfer Extension
Notes:	Maps to alternate transfer option's transfer extension.
Business Rules:	<ol style="list-style-type: none"> 1. The default value is the DtmfAccessId of the call handler to which this transfer rule belongs. 2. The valid characters for the extension are digits 0-9, T and t (indicates tone dialing), comma (indicating a pause - not supported if integration is SIP), asterisk (*) and hash (#) characters. This is for backwards compatibility with Unity 4.x.
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.Extension
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferRings

Property Name	Value
Description:	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Notes:	Applies only when the value of the TransferType column is set to "Supervised" (1).

Property Name	Value
Business Rules:	The value of this column should never be less than 2 for a supervised transfer.
Developer Notes:	
Table/Column Mapping:	tbl_Contact.TransferRings
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	2
Validation - Maximum Value:	100

TransferType

Property Name	Value
Description:	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Notes:	Values: 0: Unsupervised (release) transfer - just let the switch do the transfer, and do not stay on the line and take action on RNA or busy. 1: Supervised transfer - listen for busy, ring no answer.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.TransferType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TransferType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.60. vw_Conversation

A subscriber or routable conversation and its localized name based on the language code.

Additional Information

This view is comprised of all the columns in the tbl_Conversation, plus an additional column - LocalizedName - that is defined in the tbl_LocalizedText table.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CnvCallHandlerAfter-Greeting	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	CnvCallHandlerAfter-Message	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	CnvCallHandlerCallerInput	smallint (2 bytes)	A flag indicating whether the conversation can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.	Bool
	CnvDirectoryHandler-Exit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses * to exit.	Bool
	CnvDirectoryHandler-NoInput	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller does not respond to the name entry prompt.	Bool
	CnvDirectoryHandler-NoSelection	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.	Bool
	CnvDirectoryHandler-ZeroExit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses the zero ("0") key.	Bool
	CnvInterviewHandler-AfterMessage	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the interview handler.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	CnvRoutingRuleDirect-Call	smallint (2 bytes)	A flag indicating whether the conversation can be a destination in a call routing rule for a direct call.	Bool
	CnvRoutingRuleForwardedCall	smallint (2 bytes)	A flag indicating whether the conversation can be a destination in a call routing rule for a forwarded call.	Bool
	CnvSubscriberAfter-Greeting	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call, after a subscriber greeting is played.	Bool
	CnvSubscriberAfterMessage	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for a subscriber.	Bool
	CnvSubscriberCallerInput	smallint (2 bytes)	A flag indicating whether the conversation can be assigned to user input keys for a subscriber greeting.	Bool
	CnvSubscriberExit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination when exiting a subscriber conversation.	Bool
	CnvSubscriberMainConv	smallint (2 bytes)	A flag indicating whether the conversation can be used as a subscriber main conversation.	Bool
PK	ConversationName	nvarchar (64 characters)	The name of the conversation that can be used to identify a conversation. A subscriber uses this for message retrieval, sending, and setup; or the target of a call routing rule.	Conversation-Name
	IsVui	smallint (2 bytes)	A flag indicating whether the conversation is a VUI conversation.	Bool
PK	LanguageCode	int (4 bytes)	The language code (LCID) indicating the language of the text in the LocalizedName column.	Language-Code
	LocalizedName	lvarchar (1024 characters)	The localized name of the conversation, which is displayed in the SA.	
	RequiresCallHandler	smallint (2 bytes)	A flag indicating whether a call handler object is required as input to the conversation.	Bool
	RequiresDirectoryHandler	smallint (2 bytes)	A flag indicating whether a directory handler object is required as input to the conversation.	Bool
	RequiresInterviewHandler	smallint (2 bytes)	A flag indicating whether an interview handler object is required as input to the conversation.	Bool
	RequiresSubscriber	smallint (2 bytes)	A flag indicating whether a subscriber object is required as input to the conversation.	Bool
	TextName	varchar (192 characters)	Localization key used to lookup the localized name in tbl_LocalizedText.	

Stored Procedures

vw_Conversation has no stored procedures.

Column Properties

CnvCallHandlerAfterGreeting

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	Values: 0: The conversation cannot be a destination for after a greeting is played. 1: The conversation can be a destination for after a greeting is played.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvCallHandlerAfterGreeting
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvCallHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	Values: 0: The conversation cannot be the destination for a call after a caller leaves a message for a call handler. 1: The conversation can be the destination for a call after a caller leaves a message for a call handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvCallHandlerAfterMessage
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvCallHandlerCallerInput

Property Name	Value
Description:	A flag indicating whether the conversation can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvCallHandlerCallerInput
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvDirectoryHandlerExit

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses * to exit.

Property Name	Value
Notes:	Values: 0: The conversation cannot be the destination for a call when a caller presses * to exit a directory handler. 1: The conversation can be the destination for a call when a caller presses * to exit a directory handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvDirectoryHandlerExit
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvDirectoryHandlerNoInput

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller does not respond to the name entry prompt.
Notes:	Values: 0: The conversation cannot be the destination for a call when the caller does not respond to the name entry prompt for a directory handler. 1: The conversation can be the destination for a call when the caller does not respond to the name entry prompt for a directory handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvDirectoryHandlerNoInput
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvDirectoryHandlerNoSelection

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.
Notes:	Values: 0: The conversation cannot be the destination for a call from a directory handler when the caller does not make a selection to a matching name. 1: The conversation can be the destination for a call from a directory handler when the caller does not make a selection to a matching name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvDirectoryHandlerNoSelection
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvDirectoryHandlerZeroExit

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses the zero ("0") key.
Notes:	Values: 0: The conversation cannot be the destination for a call when a caller presses zero to exit a directory handler. 1: The conversation can be the destination for a call when a caller presses zero to exit a directory handler.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvDirectoryHandlerZeroExit
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvInterviewHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the interview handler.
Notes:	Values: 0: The conversation cannot be the destination for a call after a caller leaves a message for a interview handler. 1: The conversation can be the destination for a call after a caller leaves a message for a interview handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvInterviewHandlerAfterMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvRoutingRuleDirectCall

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination in a call routing rule for a direct call.
Notes:	Values: 0: The conversation cannot be a destination in a call routing rule for a direct call. 1: The conversation can be a destination in a call routing rule for a direct call.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvRoutingRuleDirectCall
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvRoutingRuleForwardedCall

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination in a call routing rule for a forwarded call.
Notes:	Values: 0: The conversation cannot be a destination in a call routing rule for a forwarded call. 1: The conversation can be a destination in a call routing rule for a forwarded call.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvRoutingRuleForwardedCall
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvSubscriberAfterGreeting

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call, after a subscriber greeting is played.
Notes:	Values: 0: The conversation cannot be a destination for after a subscriber greeting is played. 1: The conversation can be a destination for after a subscriber greeting is played.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvSubscriberAfterGreeting
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvSubscriberAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for a subscriber.
Notes:	Values: 0: The conversation cannot be the destination for a call after a caller leaves a message for a subscriber. 1: The conversation can be the destination for a call after a caller leaves a message for a subscriber.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvSubscriberAfterMessage

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvSubscriberCallerInput

Property Name	Value
Description:	A flag indicating whether the conversation can be assigned to user input keys for a subscriber greeting.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvSubscriberCallerInput
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvSubscriberExit

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination when exiting a subscriber conversation.

Property Name	Value
Notes:	Values: 0: The conversation cannot be used as an exit destination from a subscriber conversation. 1: The conversation can be used as an exit destination from a subscriber conversation.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvSubscriberExit
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CnvSubscriberMainConv

Property Name	Value
Description:	A flag indicating whether the conversation can be used as a subscriber main conversation.
Notes:	Values: 0: The conversation cannot be used as a subscriber main conversation. 1: The conversation can be used as a subscriber main conversation.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.CnvSubscriberMainConv
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConversationName

Property Name	Value
Description:	The name of the conversation that can be used to identify a conversation. A subscriber uses this for message retrieval, sending, and setup; or the target of a call routing rule.
Notes:	Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity 4.0(4), valid values of subscriber conversations for the ConversationName column were: <ul style="list-style-type: none"> * SubMenu - Standard Cisco Unity Connection subscriber conversation. * SubMenuOpt1 - The "optional conversation 1." * ConvHotel - Special hotel guest conversation that can used with the "Bellhop" package. * ConvCVM - Special conversation for the Community Voice Mail project. Not used in normal Cisco Unity Connection deployments.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.ConversationName
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsVui

Property Name	Value
Description:	A flag indicating whether the conversation is a VUI conversation.
Notes:	Values: 0: Not a VUI conversation 1: Is a VUI conversation
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.IsVui
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	The language code (LCID) indicating the language of the text in the LocalizedName column.

Property Name	Value
Notes:	<p>You need to include "WHERE LanguageCode=1033" or such to get the LocalizedName for the desired language from tbl_LocalizedText.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241</p> <p>10249: English_Belize 10249</p> <p>1025: Arabic_Saudi_Arabia 1025</p> <p>10250: Spanish_Peru 10250</p> <p>1026: Bulgarian 1026</p> <p>1027: Catalan 1027</p> <p>1028: Chinese_Taiwan 1028</p> <p>1029: Czech 1029</p> <p>1030: Danish 1030</p> <p>1031: German_Standard 1031</p> <p>1032: Greek 1032</p> <p>1033: English_United_States 1033</p> <p>1034: Spanish_Traditional_Sort 1034</p> <p>1035: Finnish 1035</p> <p>1036: French_Standard 1036</p> <p>1037: Hebrew 1037</p> <p>1038: Hungarian 1038</p> <p>1039: Icelandic 1039</p> <p>1040: Italian_Standard 1040</p> <p>1041: Japanese 1041</p> <p>1042: Korean 1042</p> <p>1043: Dutch_Standard 1043</p> <p>1044: Norwegian_Bokmal 1044</p> <p>1045: Polish 1045</p> <p>1046: Portuguese_Brazilian 1046</p> <p>1047: Rhaeto-Romanic 1047</p> <p>1048: Romanian 1048</p> <p>1049: Russian 1049</p> <p>1050: Croatian 1050</p> <p>1051: Slovak 1051</p> <p>1052: Albanian 1052</p> <p>1053: Swedish 1053</p> <p>1054: Thai 1054</p> <p>1055: Turkish 1055</p> <p>1056: Urdu 1056</p> <p>1057: Indonesian 1057</p> <p>1058: Ukrainian 1058</p> <p>1059: Belarusian 1059</p> <p>1060: Slovenian 1060</p> <p>1061: Estonian 1061</p> <p>1062: Latvian 1062</p> <p>1063: Lithuanian 1063</p> <p>1065: Farsi 1065</p> <p>1066: Vietnamese 1066</p> <p>1067: Armenian 1067</p> <p>1068: Azeri_Latin 1068</p> <p>1069: Basque 1069</p> <p>1070: Sorbian 1070</p> <p>1071: Macedonian 1071</p> <p>1072: Sutu 1072</p> <p>1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LanguageCode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalizedName

Property Name	Value
Description:	The localized name of the conversation, which is displayed in the SA.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LocalizedName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (1024 characters)
Validation - Expression:	^[^\x00-\x1F\x7F\x0A\x0D]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	1024 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresCallHandler

Property Name	Value
Description:	A flag indicating whether a call handler object is required as input to the conversation.
Notes:	Values: 0: A call handler is not required. 1: A call handler is required as input to the conversation.
Business Rules:	Only one type of object can be required as input to the conversation.
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.RequiresCallHandler
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresDirectoryHandler

Property Name	Value
Description:	A flag indicating whether a directory handler object is required as input to the conversation.
Notes:	Values: 0: A directory handler is not required. 1: A directory handler is required as input to the conversation.
Business Rules:	Only one type of object can be required as input to the conversation.
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.RequiresDirectoryHandler
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresInterviewHandler

Property Name	Value
Description:	A flag indicating whether a interview handler object is required as input to the conversation.

Property Name	Value
Notes:	Values: 0: A interview handler is not required. 1: A interview handler is required as input to the conversation.
Business Rules:	Only one type of object can be required as input to the conversation.
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.RequiresInterviewHandler
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiresSubscriber

Property Name	Value
Description:	A flag indicating whether a subscriber object is required as input to the conversation.
Notes:	Values: 0: A subscriber object is not required. 1: A subscriber object is required as input to the conversation.
Business Rules:	Only one type of object can be required as input to the conversation.
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.RequiresSubscriber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TextName

Property Name	Value
Description:	Localization key used to lookup the localized name in tbl_LocalizedText.
Notes:	Some examples of "TextNames" for subscriber conversations from Unity 4.0(4) are: * Conv_SubscriberConversation * Conv_OptionalConversation1 * Conv_Hospitality
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Conversation.TextName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (192 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII)
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	192 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.61. vw_Cos

A simple view for tbl_Cos.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AccessAdvancedUser	smallint (2 bytes)	Duplicate of AdvnacedUserFeatures for licensing code purposes.	Bool
	AccessAdvancedUser-Features	smallint (2 bytes)	A flag indicating whether or not the subscriber has access to advanced user features. Currently, there are two advanced user features: TTS and VUI.	Bool
	AccessCallRoutingRules	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can access personal call routing rules.	Bool
	AccessFaxMail	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS is allowed to manage their fax messages over the phone or from the Cisco Unity Connection Inbox.	Bool
	AccessIMAP	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can access VM via an IMAP client.	Bool
	AccessLiveReply	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can after listening to a message from another subscriber press 4-4, and Cisco Unity Connection will call the subscriber who left the message. Generally referred to as "Live Reply."	Bool
	AccessTts	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can have to their e-mail messages read to them by an e-mail reader over the phone.	Bool
	AccessUnifiedClient	smallint (2 bytes)	A flag indicating whether a subscriber can use the unified client.	Bool
	AccessVmi	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can use the Cisco Unity Connection Inbox to listen to, compose, reply to, forward, and delete voice messages. If the subscriber has "AccessFaxMail" set, they can also use it to manage their faxes. This is a licensed feature.	Bool
	AccessVui	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can use the voice driven inbox conversation.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	CallHoldAvailable	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to change their own call holding options by using the Cisco Unity Connection Assistant. Call holding settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.	Bool
	CallScreenAvailable	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to change their own call screening options by using the Cisco Unity Assistant. Call screening settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.	Bool
	CanRecordName	smallint (2 bytes)	A flag indicating whether the subscriber can record their own name.	Bool
	CanSendToPublicDI	smallint (2 bytes)	A flag indicating whether the subscriber can send messages to system (formerly called "public") distribution lists.	Bool
	DisplayName	nvarchar (64 characters)	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	EnableEnhancedSecurity	smallint (2 bytes)	A flag indicating whether the subscriber uses regular or enhanced phone security. Enhanced phone security adds RSA two-factor authentication to regular security.	Bool
	FaxRestrictionObjectId	char (36 characters)	The unique identifier for the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in fax dialing settings.	ObjectID
	ImapCanFetchMessage-Body	smallint (2 bytes)	A flag indicating whether the subscriber can fetch the body of a non-private message using IMAP.	Bool
	ImapCan-FetchPrivateMessage-Body	smallint (2 bytes)	A flag indicating whether the subscriber can fetch the body of a private message using IMAP.	Bool
	ListInDirectoryStatus	smallint (2 bytes)	A flag indicating whether subscribers can choose to be listed or not in the phone directory. The phone directory (directory assistance) is the audio listing that subscribers and unidentified callers use to reach subscribers and to leave messages.	Bool
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS to which this COS belongs.	ObjectID
	MaxGreetingLength	int (4 bytes)	The maximum recording length (in seconds) allowed to the subscriber for recording their greeting.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	MaxMembersPVL	int (4 bytes)	The maximum number of members allowed in a personal voice mail list.	
	MaxMsgLength	int (4 bytes)	The maximum recording length (in seconds) allowed to the subscriber for recording messages and conversations.	
	MaxNameLength	int (4 bytes)	The maximum recording length (in seconds) allowed to the subscriber for recording their voice name.	
	MaxPrivateDlists	smallint (2 bytes)	The maximum number of personal voice mail lists the subscriber is allowed to create.	
	MovetoDeleteFolder	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection moves deleted messages for the subscriber to a Deleted Items folder or physically deletes the message. True='deletion' moves messages to the DeletedItems folder, where it ages until it evaporates. False='deletion' physically deletes the message	Bool
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a COS object.	ObjectID
	OutcallRestrictionObjectId	char (36 characters)	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in message delivery settings. The restriction table also restricts the subscriber extensions that Cisco Unity Connection dials when the phone is selected as the recording and playback device for the Media Master.	ObjectID
	PersonalAdministrator	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection allows a subscriber to use the Cisco Unity Assistant to personalize their Cisco Unity Connection setting -- including their recorded greetings and message delivery options -- or to set up message notification devices and create private lists.	Bool
	ReadOnly	smallint (2 bytes)	A flag indicating that this COS is read only. It cannot be modified from the SA.	Bool
	RequireSecureMessages	int (4 bytes)	Specifies when to mark message secure	RequireSecureMessages
	SendBroadcastMessage	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to send broadcast messages to all subscribers on the VMS.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	UaAlternateExtension-Access	smallint (2 bytes)	The abilities a subscriber has to manage administer-defined alternate extensions assigned to the subscriber. Determines whether subscribers can view the administrator-defined alternate extensions, and whether subscribers can manage (add, modify, and delete) their own set of alternate extensions in the Cisco Unity Assistant. If enabled, subscribers can define up to 5 alternate extensions in addition to the 9 alternate extensions that an administrator can define for them.	UaAl-ternateExtension
	Undeleteable	smallint (2 bytes)	A flag indicating whether this COS can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UpdateBroadcastMessage	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.	Bool
	WarnIntervalMsgEnd	int (4 bytes)	The amount of time (in milliseconds) before the end of the maximum recording time when Cisco Unity Connection will play a warning tone or WAV file to indicate to the caller that they are almost out of recording time.	
	WarnMinMsgLength	int (4 bytes)	The minimum length (in milliseconds) that the maximum recording time has to be before the record termination warning feature is active. When the record termination feature is active, Cisco Unity Connection plays a warning tone indicating to the caller that they are almost out of recording time.	
	XferRestrictionObjectId	char (36 characters)	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in call transfer settings.	ObjectID

Stored Procedures

Name	Description
csp_CosCreate	Creates a collection of service privileges (Class Of Service) for subscribers that control access to features and use of the system by inserting a new row into tbl_COS.
csp_CosDelete	Deletes a COS object from tbl_Cos as specified by the @ObjectId parameter.
csp_CosModify	Updates the attributes of a COS object based on the values passed in via the parameters. The @ObjectId parameter identifies the COS object that is updated.

Column Properties

AccessAdvancedUser

Property Name	Value
Description:	Duplicate of AdvnacedUserFeatures for licensing code purposes.
Notes:	Values: 0: The Subscriber can not access advanced user features. 1: The Subscriber can access advanced user features.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessAdvancedUserFeatures
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessAdvancedUserFeatures

Property Name	Value
Description:	A flag indicating whether or not the subscriber has access to advanced user features. Currently, there are two advanced user features: TTS and VUI.
Notes:	Values: 0: The Subscriber can not access advanced user features. 1: The Subscriber can access advanced user features.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessAdvancedUserFeatures
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessCallRoutingRules

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can access personal call routing rules.
Notes:	Values: 0: Cannot access to Personal Call Routing rules 1: Can access to Personal Call Routing rules
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessCallRoutingRules
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessFaxMail

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS is allowed to manage their fax messages over the phone or from the Cisco Unity Connection Inbox.

Property Name	Value
Notes:	<p>Future feature, 3rd-party fax is not supported in Cisco Unity Connection.</p> <p>Values: 0: Do not allow access to fax mail 1: Allow access to fax mail</p> <p>To allow subscribers to have their e-mail messages delivered to a fax machine, both this column and "AccessTts" must be set to "1."</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessFaxMail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessIMAP

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can access VM via an IMAP client.
Notes:	<p>Values: 0: Cannot access voice mail via IMAP 1: Can access voice mail via IMAP</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessIMAP
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessLiveReply

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can after listening to a message from another subscriber press 4-4, and Cisco Unity Connection will call the subscriber who left the message. Generally referred to as "Live Reply."
Notes:	Values: 0: Cannot "live reply" to another subscriber 1: Can "live reply" to another subscriber after listening to message from another subscriber
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessLiveReply
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessTts

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can have to their e-mail messages read to them by an e-mail reader over the phone.
Notes:	Values: 0: Cannot have e-mail messages read over the phone 1: Can have e-mail messages read over the phone To allow subscribers to have their e-mail messages delivered to a fax machine, both this column and "AccessFaxMail" must be set to "1."
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessTts
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessUnifiedClient

Property Name	Value
Description:	A flag indicating whether a subscriber can use the unified client.
Notes:	Values:0: Cannot access voice mail using unified client 1: Can access voice mail using unified client
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessUnifiedClient
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessVmi

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can use the Cisco Unity Connection Inbox to listen to, compose, reply to, forward, and delete voice messages. If the subscriber has "AccessFaxMail" set, they can also use it to manage their faxes. This is a licensed feature.
Notes:	Values: 0: Cannot use Cisco Unity Connection Inbox 1: Can use Cisco Unity Connection Inbox
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessVmi
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessVui

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can use the voice driven inbox conversation.
Notes:	Values: 0: Cannot use the voice driven inbox conversation 1: Can use the voice driven inbox conversation
Business Rules:	
Developer Notes:	This needs to show up in the Features page of COS in the SA. This will likely be visible/hidden in the COS on the SA based on if ASR is licensed or not - we're still running that down.
Table/Column Mapping:	tbl_Cos.AccessVui
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHoldAvailable

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to change their own call holding options by using the Cisco Unity Connection Assistant. Call holding settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.
Notes:	Values: 0: Cannot change call holding settings via Cisco Unity Assistant 1- Can change call holding settings via Cisco Unity Assistant
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.CallHoldAvailable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallScreenAvailable

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to change their own call screening options by using the Cisco Unity Assistant. Call screening settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.

Property Name	Value
Notes:	Values: 0: Cannot change call screening settings via Cisco Unity Assistant 1- Can change call screening settings via Cisco Unity Assistant
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.CallScreenAvailable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CanRecordName

Property Name	Value
Description:	A flag indicating whether the subscriber can record their own name.
Notes:	Used to prevent subscribers from recording their own names (for example, if an organization has all names and greetings recorded in one voice). Values: 0: Cannot record their name 1: Can record their name
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.CanRecordName
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

CanSendToPublicDI

Property Name	Value
Description:	A flag indicating whether the subscriber can send messages to system (formerly called "public") distribution lists.
Notes:	Values: 0: Cannot send messages to system distribution lists 1: Can send messages to system distribution lists
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.CanSendToPublicDI
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	DisplayName is a required when creating a new COS.
Developer Notes:	
Table/Column Mapping:	tbl_Cos.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableEnhancedSecurity

Property Name	Value
Description:	A flag indicating whether the subscriber uses regular or enhanced phone security. Enhanced phone security adds RSA two-factor authentication to regular security.
Notes:	Values: 0: Regular security 1: Enhanced phone security (RSA two-factor security)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.EnableEnhancedSecurity
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

FaxRestrictionObjectId

Property Name	Value
Description:	The unique identifier for the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in fax dialing settings.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_Cos.FaxRestrictionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ImapCanFetchMessageBody

Property Name	Value
Description:	A flag indicating whether the subscriber can fetch the body of a non-private message using IMAP.
Notes:	Values: 0: Cannot fetch message body of non-private messages. 1: Using IMAP, subscriber can fetch message body of non-private messages.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.ImapCanFetchMessageBody
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ImapCanFetchPrivateMessageBody

Property Name	Value
Description:	A flag indicating whether the subscriber can fetch the body of a private message using IMAP.
Notes:	Values: 0: Cannot fetch message body of private messages. 1: Using IMAP, subscriber can fetch message body of private messages.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.ImapCanFetchPrivateMessageBody
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ListInDirectoryStatus

Property Name	Value
Description:	A flag indicating whether subscribers can choose to be listed or not in the phone directory. The phone directory (directory assistance) is the audio listing that subscribers and unidentified callers use to reach subscribers and to leave messages.
Notes:	Values: 0: Cannot choose whether or not to be listed in phone directory 1: Can choose whether or not to be listed in phone directory
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.ListInDirectoryStatus
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS to which this COS belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxGreetingLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording their greeting.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.MaxGreetingLength
Primary Key:	False
Allow Null:	False
Default Value:	90
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

MaxMembersPVL

Property Name	Value
Description:	The maximum number of members allowed in a personal voice mail list.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.MaxMembersPVL
Primary Key:	False
Allow Null:	False
Default Value:	99
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	999

MaxMsgLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording messages and conversations.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.MaxMsgLength
Primary Key:	False
Allow Null:	False
Default Value:	300

Property Name	Value
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	3600

MaxNameLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording their voice name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.MaxNameLength
Primary Key:	False
Allow Null:	False
Default Value:	30
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

MaxPrivateDlists

Property Name	Value
Description:	The maximum number of personal voice mail lists the subscriber is allowed to create.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.MaxPrivateDlists

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	25
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	99

MovetoDeleteFolder

Property Name	Value
Description:	<p>A flag indicating whether Cisco Unity Connection moves deleted messages for the subscriber to a Deleted Items folder or physically deletes the message.</p> <p>True='deletion' moves messages to the DeletedItems folder, where it ages until it evaporates. False='deletion' physically deletes the message</p>
Notes:	<p>When this column is set to "1," a subscriber can:</p> <ul style="list-style-type: none"> * Use the phone and the Cisco Unity Connection Inbox (as applicable) to permanently delete messages stored in their Deleted Items folder. * Use the phone and the Cisco Unity Connection Inbox to listen to, reply to, or forward messages in their Deleted Items folder, or to restore them to the Inbox. <p>Values: 0: Deleted messages are not moved to a Deleted Items folder, rather they are permanently deleted. 1: Deleted messages are moved to a Deleted Items folder.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.MovetoDeleteFolder
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a COS object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Cos.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OutcallRestrictionObjectId

Property Name	Value
Description:	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in message delivery settings. The restriction table also restricts the subscriber extensions that Cisco Unity Connection dials when the phone is selected as the recording and playback device for the Media Master.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.OutcallRestrictionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalAdministrator

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows a subscriber to use the Cisco Unity Assistant to personalize their Cisco Unity Connection setting -- including their recorded greetings and message delivery options -- or to set up message notification devices and create private lists.
Notes:	Values: 0: Cannot use Cisco Unity Assistant 1: Can use Cisco Unity Assistant
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.PersonalAdministrator
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ReadOnly

Property Name	Value
Description:	A flag indicating that this COS is read only. It cannot be modified from the SA.

Property Name	Value
Notes:	Values: 0: Can modify this COS. 1: Cannot modify this COS.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.ReadOnly
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequireSecureMessages

Property Name	Value
Description:	Specifies when to mark message secure
Notes:	Values: 1: Always mark secure 2: Never mark secure 3: Ask 4: Set private messages secure
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.RequireSecureMessages
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	RequireSecureMessages
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SendBroadcastMessage

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to send broadcast messages to all subscribers on the VMS.
Notes:	Values: 0: Cannot send broadcast messages. 1: Can send broadcast messages.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.SendBroadcastMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UaAlternateExtensionAccess

Property Name	Value
Description:	The abilities a subscriber has to manage administer-defined alternate extensions assigned to the subscriber. Determines whether subscribers can view the administrator-defined alternate extensions, and whether subscribers can manage (add, modify, and delete) their own set of alternate extensions in the Cisco Unity Assistant. If enabled, subscribers can define up to 5 alternate extensions in addition to the 9 alternate extensions that an administrator can define for them.

Property Name	Value
Notes:	Values: 0: No access - subscriber cannot view or manage alternate extensions. 1: Read access - subscriber can view administrator-defined alternate extensions. 2: CUD access - subscriber can manage (create, modify, and delete) their own subscriber-defined alternate extensions. 3: CRUD access - subscriber can view administrator-defined alternate extensions and manage (create, modify, and delete) their own subscriber-defined alternate extensions.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.UaAlternateExtensionAccess
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	UaAlternateExtension
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this COS can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Values: 0: COS cannot be deleted using Cisco Unity Connection Administration 1: COS can be deleted using Cisco Unity Connection Administration
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UpdateBroadcastMessage

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	Values: 0: Cannot update broadcast messages. 1: Can update broadcast messages.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.UpdateBroadcastMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WarnIntervalMsgEnd

Property Name	Value
Description:	The amount of time (in milliseconds) before the end of the maximum recording time when Cisco Unity Connection will play a warning tone or WAV file to indicate to the caller that they are almost out of recording time.

Property Name	Value
Notes:	<p>This column works together with "WarnMinMsgLength" enabling the record termination warning feature. If the feature is enabled by the settings of these two columns, callers will hear a warning tone sound before the maximum message length is reached.</p> <p>Call termination warning only works with the Unified Communications Manager integration.</p> <p>Values: 0: Record termination warning disabled 1-60000: The number of milliseconds from the end of the maximum recording time when the record termination warning tone is played.</p>
Business Rules:	
Developer Notes:	This is currently a system-wide registry setting that can be changed using the "Advanced Setting Tool." To meet accessibility requirements in Cisco Unity Connection, this setting must be able to be applied to a group of subscribers as well as per subscriber.
Table/Column Mapping:	tbl_Cos.WarnIntervalMsgEnd
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	30000

WarnMinMsgLength

Property Name	Value
Description:	The minimum length (in milliseconds) that the maximum recording time has to be before the record termination warning feature is active. When the record termination feature is active, Cisco Unity Connection plays a warning tone indicating to the caller that they are almost out of recording time.

Property Name	Value
Notes:	<p>This column works together with "WarnIntervalMsgEnd" enabling the record termination warning feature. If the feature is enabled by the settings of these two columns, callers will hear a warning tone sound before the maximum message length is reached.</p> <p>For instance, if the maximum recording time for a message is set to 30 seconds, you wouldn't want the record termination warning playing after only 10 seconds (or 20 seconds before the limit of 30 seconds).</p> <p>Call termination warning only works with the Unified Communications Manager integration.</p> <p>Values: 0: Record termination warning disabled 1-60000: The number of milliseconds from the end of the maximum recording time when the record termination warning tone is played.</p>
Business Rules:	
Developer Notes:	This is currently a system-wide registry setting that can be changed using the "Advanced Setting Tool." To meet accessibility requirements in Cisco Unity Connection, this setting must be able to be applied to a group of subscribers as well as per subscriber.
Table/Column Mapping:	tbl_Cos.WarnMinMsgLength
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	99999

XferRestrictionObjectId

Property Name	Value
Description:	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in call transfer settings.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.XferRestrictionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.62. vw_Cos_Licensed

A feature for a subscriber that are under license control.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AccessAdvancedUserFeatures	smallint (2 bytes)	A flag indicating whether or not the subscriber has access to advanced user features. Currently, there are two advanced user features: TTS and VUI.	Bool
	AccessIMAP	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can access VM via an IMAP client.	Bool
	AccessVmi	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can use the Cisco Unity Connection Inbox to listen to, compose, reply to, forward, and delete voice messages. If the subscriber has "AccessFaxMail" set, they can also use it to manage their faxes. This is a licensed feature.	Bool
	DisplayName	nvarchar (64 characters)	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a COS object.	ObjectID

Stored Procedures

vw_Cos_Licensed has no stored procedures.

Column Properties

AccessAdvancedUserFeatures

Property Name	Value
Description:	A flag indicating whether or not the subscriber has access to advanced user features. Currently, there are two advanced user features: TTS and VUI.

Property Name	Value
Notes:	Values: 0: The Subscriber can not access advanced user features. 1: The Subscriber can access advanced user features.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessAdvancedUserFeatures
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessIMAP

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can access VM via an IMAP client.
Notes:	Values: 0: Cannot access voice mail via IMAP 1: Can access voice mail via IMAP
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessIMAP
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AccessVmi

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can use the Cisco Unity Connection Inbox to listen to, compose, reply to, forward, and delete voice messages. If the subscriber has "AccessFaxMail" set, they can also use it to manage their faxes. This is a licensed feature.
Notes:	Values: 0: Cannot use Cisco Unity Connection Inbox 1: Can use Cisco Unity Connection Inbox
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Cos.AccessVmi
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	DisplayName is a required when creating a new COS.
Developer Notes:	
Table/Column Mapping:	tbl_Cos.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters

Property Name	Value
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a COS object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Cos.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.63. vw_Cos_List

The basic attributes of a COS used for retrieving a list of COSes.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a COS object.	ObjectID

Stored Procedures

vw_Cos_List has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	DisplayName is a required when creating a new COS.
Developer Notes:	
Table/Column Mapping:	tbl_Cos.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a COS object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Cos.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.64. vw_Credential

A credential (password or PIN) used for authenticating users to enable access to the system via the phone or a GUI client such as the Cisco Unity Connection Administration or Cisco Personal Assistant (CPCA).

Additional Information

This view is comprised of all the columns in the tbl_Credential table, plus an additional column - Alias - this is defined in the tbl_User table. If a user account in tbl_User is identified as a template, it will not be included in the view.

Users may have multiple sets of credentials. For example, a user may have one set of credentials for performing administrative tasks and another set of credentials to access their voice mail subscription.

This view contains a mapping of credentials with a unique user ID on the local VMS. When a user attempts to gain access to the system whether via the phone client or a GUI client such as CPCA or Cisco Unity Connection Administration, a search is made of the table for the ID. If no user object is found, or the credentials entered don't match those in the view, the user is denied entry. Every user on the system will have an entry in this view regardless of if they have a voice mail subscription, or an administrative role. Please note that Remote Contacts (a directory object that represents a mailbox on a foreign voice messaging system) is not a user since they do not receive messages on the Cisco Unity Connection voice messaging system.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	CantChange	smallint (2 bytes)	A flag indicating whether the user can set this credential.	Bool
	CredentialPolicyObjectId	char (36 characters)	The unique identifier of the CredentialPolicy object that is associated with this credential.	ObjectID
	Credentials	varchar (254 characters)	The PIN or password, for a user. The credentials are stored in an encrypted format.	Credentials
PK	CredentialType	int (4 bytes)	The type of credential such as password, PIN, Windows or Domino credential.	Credential-Type
	CredMustChange	smallint (2 bytes)	A flag indicating whether the user must change their credentials (PIN or password) at the next login.	Bool
	DoesntExpire	smallint (2 bytes)	A flag indicating whether this user credential will expire, and therefore the user must change the credential periodically. However, if the credential does not expire (value = "1"), the user still may change the credential (if allowed by CantChange).	Bool
	EncryptionType	int (4 bytes)	Type of encryption that was used to generate the credentials.	Encryption-Type

Key	Name	SQL Data Type/Length	Description	Custom Type
	HackCount	int (4 bytes)	The number of logons attempted that failed due to invalid credentials. The Unity system or external authentication provider determined that the credentials supplied as part of a user logon attempt were invalid.	
	Hacked	smallint (2 bytes)	A flag indicating whether access to the user account associated with this set of credentials is locked due too many hack attempts.	Bool
	IsPrimary	smallint (2 bytes)	A flag indicating whether this credential is mapped to the user NT/AD domain account and as such is designated as the 'primary' credential for the user. This column is not currently used, but is retained from Unity 4.x in case it is needed in the future.	Bool
	Locked	smallint (2 bytes)	A flag indicating whether access to the user account associated with this set of credentials is locked.	Bool
	ObjectId	char (36 characters)	Surrogate key to support IMS	ObjectID
	TimeChanged	datetime (8 bytes)	The date and time when the credentials were last changed. The date and time is recorded in this column whenever a user credential is created or changed.	
	TimeHacked	datetime (8 bytes)	The date and time that the credential was locked due to too many hacks. The date and time is recorded in this column whenever a user credential is locked due to too many hacks based on the credential policy.	
	TimeLastHack	datetime (4 bytes)	The date and time of the last logon attempt with an invalid user credential.	
	TimeLockout	datetime (8 bytes)	The date and time that the credential was locked by an administrator.	
PK	UserObjectId	char (36 characters)	The unique identifier of the User object to which this credential belongs.	ObjectID

Stored Procedures

Name	Description
csp_CredentialCreate	Creates new Credential object for a user by inserting a new row into tbl_Credential. When a new credential is created, this procedure will also create a new UserCredentialHistory object for the respective user by inserting a new row in tbl_UserCredentialHistory for the respective user. This is done by executing csp_private_UserCredentialHistoryCreate. To change the properties of a user's credential, see csp_CredentialModify.
csp_CredentialDelete	Deletes a user's Credential object from tbl_Credential as specified by the @ObjectId parameter.

Name	Description
csp_CredentialModify	Updates the attributes of a Credential object based on the values passed in via the parameters. The @CredentialType and @UserObjectId parameters identify the Credential object that is updated.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CantChange

Property Name	Value
Description:	A flag indicating whether the user can set this credential.
Notes:	<p>Most organizations normally want to allow users to set their credentials. However, there are cases where this may not be desired. For example, when more than one user has access to the same account, an administrator can set the password/PIN and not allow the users to change it.</p> <p>Values: 0: User can change credential 1: User cannot change credential</p>

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.CantChange
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CredentialPolicyObjectId

Property Name	Value
Description:	The unique identifier of the CredentialPolicy object that is associated with this credential.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.CredentialPolicyObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Credentials

Property Name	Value
Description:	The PIN or password, for a user. The credentials are stored in an encrypted format.
Notes:	A user may have multiple sets of credentials. For example, a user may have one set of credentials for accessing their voice mail subscription via the phone (i.e., PIN) and a different set of credentials (i.e., password) for accessing their voice mail subscription via a GUI client such as CPCA. Or a user may have a set of Windows credentials.
Business Rules:	<ul style="list-style-type: none"> * A value of NULL indicates that the credential has not been initialized. In other words, it is disabled. A value of NULL does NOT mean that the value of the credential == blank. * TUI credentials (i.e., DTMF) can contain only digits 0-9. Reg Ex: [0-9]+\$ * GUI credentials can contain any alphanumeric ASCII character and all ASCII special characters. (See "Reg Ex" description.) <p>Regex=<code>^[a-zA-Z0-9`~!@#%&^*\(\)\-_\+=\[\]\{\}\ \\ ;:'",\.\^?<>\s]+\$</code> Desc=ASCII only. Any alphanumeric character. The following special characters: <code>~!@#%&^*()_+--{\} \ ['";<>?/.,)</code></p>
Developer Notes:	
Table/Column Mapping:	tbl_Credential.Credentials
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Credentials
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CredentialType

Property Name	Value
Description:	The type of credential such as password, PIN, Windows or Domino credential.
Notes:	<p>A user may have multiple types of credentials. The default value represents a PIN credential.</p> <p>Values:</p> <ul style="list-style-type: none"> 1: Windows credential. 2: Domino credential. 3: Password (such as would be used with a GUI client). 4: PIN (as would be used over the phone via the TUI).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.CredentialType
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	4
Custom Type:	CredentialType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CredMustChange

Property Name	Value
Description:	A flag indicating whether the user must change their credentials (PIN or password) at the next login.
Notes:	<p>This column is used to force a user to change their credentials such as changing their default phone PIN or GUI client password at login during first-time enrollment, or on a regularly scheduled basis as part of a recommended security policy, or when an administrator changes the PIN or password at the user's request to a value known by the user.</p> <p>Values: 0: User does not have to change credential 1: User must change credential</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.CredMustChange
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DoesntExpire

Property Name	Value
Description:	A flag indicating whether this user credential will expire, and therefore the user must change the credential periodically. However, if the credential does not expire (value = "1"), the user still may change the credential (if allowed by CantChange).
Notes:	<p>The scope of this setting is per credential. It enables an administrator to disable credential expiration on a per credential/user basis while maintaining a credential expiration policy for all users on the system. For example, this can be used for low security accounts, or for accounts that can be accessed by more than one user (future requirement).</p> <p>Values: 0: Credential does expire 1: Credential does not expire</p>
Business Rules:	A value of '0' (false) means the expiration of the credential is controlled by the value of tbl_CredentialPolicy->MaxDays.
Developer Notes:	
Table/Column Mapping:	tbl_Credential.DoesntExpire
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EncryptionType

Property Name	Value
Description:	Type of encryption that was used to generate the credentials.
Notes:	<p>Values: 0: Unknown encryption method 1: MD5 hash 2: SHA1 hash 3: IMS generated hash 4: Reversible encryption used 5: No encryption</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.EncryptionType
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	EncryptionType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

HackCount

Property Name	Value
Description:	The number of logons attempted that failed due to invalid credentials. The Unity system or external authentication provider determined that the credentials supplied as part of a user logon attempt were invalid.
Notes:	The HackCount column is cleared (i.e., reset to a value of 0) when the number of minutes expires as specified in the tbl_CredentialPolicy.HackResetTime column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.HackCount
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Hacked

Property Name	Value
Description:	A flag indicating whether access to the user account associated with this set of credentials is locked due too many hack attempts.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this credential is mapped to the user NT/AD domain account and as such is designated as the 'primary' credential for the user. This column is not currently used, but is retained from Unity 4.x in case it is needed in the future.
Notes:	<p>Currently IsPrimary column is not used. However, in the future it may be necessary once again to have the ability to map a user account with a domain account.</p> <p>In Unity 4.x, when Unity creates a subscriber, Unity automatically creates a mapping between the subscriber account and the subscriber Windows domain account. This is called a 'primary' link and IsPrimary column is set to true. The subscriber's Unity alias will match their AD alias. If additional links are added to that account or other accounts using the GrantUnityAccess tool, these are entered as non primary links (meaning they're alternate domain account mappings).</p>
Business Rules:	
Developer Notes:	The only practical use of the IsPrimary column data is actually used in the Credentials Viewer tool. It can show which mappings have been made manually so an administrator can edit them (or remove them all) easily without removing everyone's primary association (which should technically never be deleted).
Table/Column Mapping:	tbl_Credential.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Locked

Property Name	Value
Description:	A flag indicating whether access to the user account associated with this set of credentials is locked.
Notes:	<p>There are several conditions that can cause access to a user account for a particular credential to be locked:</p> <ul style="list-style-type: none"> * If the template used to create a user has locked enabled, the new account is locked automatically when the user account is created. * An administrator via an administrative application such as Cisco Unity Connection Administration may lock a user account. <p>Values: 0: Account is not locked. 1: Account is locked.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Surrogate key to support IMS
Notes:	The combinatoin of UserObjectId/CredentialType is the primary key, but for IMS it was simpler to have a single oid on credentials.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.ObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeChanged

Property Name	Value
Description:	The date and time when the credentials were last changed. The date and time is recorded in this column whenever a user credential is created or changed.
Notes:	Used to determine if the user needs to change their credentials when they log-in depending on their credential expiration policy setting (DoesntExpire) and their credential password policy settings (tbl_PasswordPolicy->MaxPasswordDays).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.TimeChanged
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeHacked

Property Name	Value
Description:	The date and time that the credential was locked due to too many hacks. The date and time is recorded in this column whenever a user credential is locked due to too many hacks based on the credential policy.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.TimeHacked
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeLastHack

Property Name	Value
Description:	The date and time of the last logon attempt with an invalid user credential.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.TimeLastHack
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

TimeLockout

Property Name	Value
Description:	The date and time that the credential was locked by an administrator.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.TimeLockout
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this credential belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Credential.UserObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.65. vw_CredentialPolicy

A simple view for tbl_CredentialPolicy.

A system-wide credential restriction settings for a specific credential type and a lockout policy that applies when users access Cisco Unity Connection.

Additional Information

A different credential policy can be specified for each type of credential. For example, one policy can be defined for user access via the phone using a PIN. Another policy can be defined for user access via a GUI client that takes advantage of a much larger character set in creating a strong password for extra security.

This is in it's own table since at some point down the road there will be a need to provide multiple credential policies for multiple tenants on a single VMS. Currently, however, the credential policy applies system-wide to all users residing on a VMS.

This table combines the data that in Unity 4.x was contained in the PWPPolicy and AccountLockoutPolicy tables.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Administrator Password Policy") of the credential policy to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	ExpiryWarningDays	int (4 bytes)	The number of days prior to the expiration of a credential when Cisco Unity Connection begins prompting a user to change their credential upon logon, until the change is made.	
	HackResetTime	smallint (2 bytes)	The length of time (in minutes) after which if no failed logon attempts occur, the count of failed logon attempts is cleared.	
	LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this credential policy belongs.	ObjectID
	LockoutDuration	smallint (2 bytes)	The length of time (in minutes) that a user who is locked out must wait until they can attempt to access the system again with this credential.	
	MaxDays	smallint (2 bytes)	The maximum number of days before the credential must be changed.	
	MaxHacks	smallint (2 bytes)	The maximum number of failed logon attempts (hacks) before action is taken.	
	MinDuration	int (4 bytes)	The minimum number of minutes that must pass from the time of the last change before the credential can be changed.	
	MinLength	smallint (2 bytes)	The minimum number of characters or digits (PIN) required for the credential.	

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CredentialPolicy object.	ObjectID
	PrevCredCount	smallint (2 bytes)	The number of credentials to store.	
	TrivialCredChecking	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should check against trivial credentials for extra security.	Bool

Stored Procedures

Name	Description
csp_CredentialPolicyCreate	Creates a new CredentialPolicy object by inserting a new row into tbl_CredentialPolicy. A CredentialPolicy object consists of system-wide credential restriction settings for a specific credentials type and a lockout policy that applies when users access Cisco Unity Connection.
csp_CredentialPolicyDelete	Deletes a CredentialPolicy object from tbl_CredentialPolicy as specified by the @ObjectId parameter.
csp_CredentialPolicyModify	Updates the attributes of a CredentialPolicy object based on the values passed in via the parameters. The @ObjectId parameter identifies the CredentialPolicy object that is updated.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Administrator Password Policy") of the credential policy to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	DisplayName is a required when creating a new CredentialPolicy.
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ExpiryWarningDays

Property Name	Value
Description:	The number of days prior to the expiration of a credential when Cisco Unity Connection begins prompting a user to change their credential upon logon, until the change is made.
Notes:	A value of "0" means that a user will not be prompted to change their credential prior to its expiration.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.ExpiryWarningDays
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

HackResetTime

Property Name	Value
Description:	The length of time (in minutes) after which if no failed logon attempts occur, the count of failed logon attempts is cleared.
Notes:	tbl_Credentials->HackCount associated with this credential type is reset to a value of zero after this many minutes pass from the time contained in tbl_Credentials->TimeLastHack.
Business Rules:	The count of failed logon attempts is not cleared if the number of failed logon attempts has reached the maximum number allowed and the credential is locked.
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.HackResetTime
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	30
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	120

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this credential policy belongs.
Notes:	The default value is the delivery location for this VMS.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LockoutDuration

Property Name	Value
Description:	The length of time (in minutes) that a user who is locked out must wait until they can attempt to access the system again with this credential.
Notes:	Unity allows users to access the system using this credential after the specified number of minutes has elapsed.

Property Name	Value
Business Rules:	A value of "0" means the user is locked out until the credential/account is unlocked by an administrator.
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.LockoutDuration
Primary Key:	False
Allow Null:	False
Default Value:	30
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1440

MaxDays

Property Name	Value
Description:	The maximum number of days before the credential must be changed.
Notes:	<p>The default value is 180 days when creating a credential policy associated with user accounts that do NOT have administrative access or privileges (i.e., normal user account with voice mail subscription).</p> <p>The default value is 120 days when creating a credential policy associated with user accounts that have administrative access and privileges.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.MaxDays
Primary Key:	False
Allow Null:	False
Default Value:	180
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	365

MaxHacks

Property Name	Value
Description:	The maximum number of failed logon attempts (hacks) before action is taken.
Notes:	A value of "0" means an unlimited number of logon attempts (i.e., no lockout) are allowed.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.MaxHacks
Primary Key:	False
Allow Null:	False
Default Value:	3
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

MinDuration

Property Name	Value
Description:	The minimum number of minutes that must pass from the time of the last change before the credential can be changed.
Notes:	The purpose of this setting is to prevent multiple changes to a user credential within a short period of time. A user cannot change this credential until the currently day/time equals or exceeds the time recorded in tbl_Credential->TimeChanged for this credentialtype plus the number of minutes specified by MinDuration.
Business Rules:	A value of "0" means that there are no restrictions on how often the user can change the credential.
Developer Notes:	The max is 90 days = 129600 mins.
Table/Column Mapping:	tbl_CredentialPolicy.MinDuration
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	129600

MinLength

Property Name	Value
Description:	The minimum number of characters or digits (PIN) required for the credential.
Notes:	A value of "0" means a blank credential, e.g. no password or PIN is allowed.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.MinLength
Primary Key:	False
Allow Null:	False
Default Value:	8
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	64

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CredentialPolicy object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PrevCredCount

Property Name	Value
Description:	The number of credentials to store.
Notes:	Unity stores the specified number of previous credentials for a user and compares a new credential with them. Unity rejects the new credential if it matches a credential in the history. If blank credentials are allowed, this data is ignored.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.PrevCredCount
Primary Key:	False
Allow Null:	False
Default Value:	12
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	25

TrivialCredChecking

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should check against trivial credentials for extra security.
Notes:	Values: 0: Checking for trivial credentials is disabled 1: Checking for trivial credentials is enabled

Property Name	Value
Business Rules:	<p>If blank credentials are allowed (MinLength column = 0), check against trivial credential is disabled.</p> <p>If enabled, Unity will verify that the credential meets the criteria as specified by the type of credential:</p> <p>Password (GUI):</p> <ul style="list-style-type: none"> * It must contain 3 of the 4 allowable characteristics: <ul style="list-style-type: none"> - Upper case character - Lower case character - Number - Symbol * A character or number shall not be used more than 3 times consecutively. * Password should not repeat or include the alias, username or extension. * Password cannot consist of consecutive characters or numbers (For example: passwords such as 654321 or ABCDEFG). <p>PIN (TUI):</p> <ul style="list-style-type: none"> * A number shall not be used more than 2 times consecutively * PIN should not repeat or include the user's extension or mailbox, or the reverse of the user's extension or mailbox. * A PIN must contain 3 different numbers. For example, a PIN such as 121212 is trivial. * A pin shall not match the numeric representation (i.e. dial by name) of the user's first or last name. * A PIN shall not contain groups of repeated digits, e.g. 408408, 113377 or patterns that are dialed in straight line on a keypad, e.g. 2580, 159, 753.
Developer Notes:	
Table/Column Mapping:	tbl_CredentialPolicy.TrivialCredChecking
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.66. vw_CurrentPrivileges

The discrete rights granted to perform an operation (i.e. privileges) based on a user (subject). This view is used to fetch user authorization information - get the name of the operations (views and stored procedures) that the user is authorized to perform.

Additional Information

This view is comprised of all the columns in the tbl_Privileges table, plus four additional columns defined in the tbl_Policy table. Privileges associated with policies that have expired are excluded from this view.

To retrieve a list of privileges for a user, select against this view using a "WHERE" clause to specify SubjectObjectId = the user id. For example, WHERE SubjectObjectId=@UserObjectId.

Privileges are additive. For example, assume a scenario where a privilege exists for more than one role. For one role UpdateAccess is denied (value of 0) , and for another role UpdateAccess is granted (value of 1), then UpdateAccess is granted.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CreateAccess	smallint (2 bytes)	A flag indicating authorization to create a new instance of a particular object. For example, the ability to create distribution lists on the system and assign members.	Bool
	DeleteAccess	smallint (2 bytes)	A flag indicating authorization to delete an instance of an object. For example, the ability to delete a Class of Service (COS) from the system.	Bool
	ExecuteAccess	smallint (2 bytes)	A flag indicating authorization to execute (i.e. run) an application such as the ability to run Reports or to execute a tool or utility program.	Bool
PK	OperationName	lvvarchar (256 characters)	Name of operation associated with the privilege.	
	ReadAccess	smallint (2 bytes)	A flag indicating authorization to read (i.e., view) an object and its attributes. For example, the ability to read all the distribution lists on the system and their associated attributes such as members.	Bool
	ResourceType	int (4 bytes)	The type of resource (object) associated with this privilege. For example, Distribution Lists, Users, Classes of Service, Mailbox Databases, etc.	ResourceType
	TargetAgencyObjectId	char (36 characters)	The unique identifier of the Agency object to which this policy applies.	ObjectID
	TargetDistributionListObjectId	char (36 characters)	The unique identifier of the DistributionList object to which this policy applies.	ObjectID
	TargetHandlerObjectId	char (36 characters)	The unique identifier of the Handler object to which this policy applies.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	TargetUserObjectId	char (36 characters)	The unique identifier of the user object to which this policy applies.	ObjectID
	TargetVmsObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this policy applies.	ObjectID
	UpdateAccess	smallint (2 bytes)	A flag indicating authorization to change the attribute(s) of an object. For example, the ability to change Class of Service (COS) settings.	Bool
	UserObjectId	char (36 characters)	The unique identifier of the User object (subject) to which this policy is assigned.	ObjectID
	VmsObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this policy applies.	ObjectID

Stored Procedures

vw_CurrentPrivileges has no stored procedures.

Column Properties

CreateAccess

Property Name	Value
Description:	A flag indicating authorization to create a new instance of a particular object. For example, the ability to create distribution lists on the system and assign members.
Notes:	Values: 0: Not authorized to create a new instance of a particular object 1: Authorized to create a new instance of a particular object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.CreateAccess
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DeleteAccess

Property Name	Value
Description:	A flag indicating authorization to delete an instance of an object. For example, the ability to delete a Class of Service (COS) from the system.
Notes:	Values: 0: Not authorized to delete an instance of a particular object 1: Authorized to delete an instance of a particular object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.DeleteAccess
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ExecuteAccess

Property Name	Value
Description:	A flag indicating authorization to execute (i.e. run) an application such as the ability to run Reports or to execute a tool or utility program.
Notes:	Values: 0: Not authorized to run a particular application 1: Authorized to run a particular application
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.ExecuteAccess
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

OperationName

Property Name	Value
Description:	Name of operation associated with the privilege.
Notes:	This is normally the name of a stored procedure or view.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PrivilegeOperationMap.OperationName
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReadAccess

Property Name	Value
Description:	A flag indicating authorization to read (i.e., view) an object and its attributes. For example, the ability to read all the distribution lists on the system and their associated attributes such as members.
Notes:	Values: 0: Not authorized to read an object and its attributes 1: Authorized to read an object and its attributes
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.ReadAccess
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ResourceType

Property Name	Value
Description:	The type of resource (object) associated with this privilege. For example, Distribution Lists, Users, Classes of Service, Mailbox Databases, etc.

Property Name	Value
Notes:	<p>Values:</p> <p>1: Managing networking (Unity networking, dialing domains, delivery locations for foreign voice messaging systems)</p> <p>10: Managing Shared Distribution Lists.</p> <p>11: Managing restriction tables and restriction patterns.</p> <p>12: Managing call routing rules.</p> <p>13: Managing system schedules and holidays.</p> <p>14: Managing Administrative Regions. For example, the privilege to add/remove VMS configurations to/from an administrative region, or view a list of VMS configurations that compose an administrative region.</p> <p>15: Managing Unity organization. For example, the privileges to change the name of the organization, add/remove administrative regions to/from an organization, or view a list of administrative regions and VMS configurations that compose the Unity organization.</p> <p>16: Managing server(s) in a VMS configuration. For example, the privileges to add/delete a front-end or back-end server to/from the VMS configuration, activate/deactivate a server role on a VMS configuration.</p> <p>17: Managing server role templates. For example, the privileges to read/update VMS server role templates.</p> <p>18: Managing user groups. For example, the privileges to add/delete users to/from a user group, or create/delete a user group.</p> <p>19: Managing call handlers, call handler templates, and interview handlers. For example, the privileges to create/delete call and interview handlers, or to read/update call and interview handlers and call handler templates.</p> <p>2: Managing administrative roles (includes managing user to role relationships)</p> <p>20: Managing VMS server configuration settings, Report system settings and licensing settings. For example, the privileges to read/update the system's recording settings, phone and GUI language settings, voice messaging port settings, enable/disable a VMS configuration's participation in the Unity Organization license pool, etc.</p> <p>21: Run system reports and execute system reporting tools. For example, the privileges to run any of the System Reports such as the Administrative Access Report and any of the system reporting tools such as the Port Usage Analyzer tool.</p> <p>22: Run subscriber and mailbox reports. For example, the privileges to run any of the subscriber reports such as the Subscriber Message Activity Report or any of the Mailbox reports such as the Mailbox Database Information Report.</p> <p>23: View all reports. The privileges to view all system, subscriber and mailbox reports.</p> <p>24: Reset user passwords or PINs, and unlock user accounts.</p> <p>25: Reset administrative user account passwords and unlock administrative user accounts. For example, the privileges to reset the password for a user assigned the role of a 'Technician.'</p> <p>26: Managing Cisco Unity Connection security and user account lockout policies. For example, the privileges to read/update GUI/phone password restrictions and account lockout policies.</p> <p>27: Run all administration tools. For example, the privileges to run Disaster Recovery Backup/Restore tool, Subscriber Information Dump, TTY Angel, etc.</p> <p>28: Run ALL diagnostic, audio management and phone system integration tools. For example, the privileges to run the Set Record Format tool, CodecChecker tool, Cisco Unity Connection Performance Information and Diagnostics tool, Integration Monitor, Call Viewer, etc.</p> <p>29: Run status monitor application for monitoring system activity.</p> <p>3: Managing users</p> <p>30: Phone system.</p> <p>31: View and retrieve Configuration objects, localized text, and TreeControlNodes.</p> <p>32: IF (@NumericId IS NOT NULL) RAISERROR({GetExceptionCode("EXCEPTION_PERSONALGROUP_NUMERICID_INVALID") <@SEVERITY_INVALID_PARAMETER/>, 1, 'NULL', '0') <@StoredProcReturn GetExceptionCode("EXCEPTION_PARAMETER_INVALID")/></p>

Property Name	Value
	33: Managing Greetings. For example, the privilege to change the greeting for a call handler via the TUI. 34: Agency. Used by Community Voice Mail feature. 35: Web service access. 36: Managing interview handlers 37: Access serviceability page 38: VPIM controls 4: Changing User Name Attributes. 5: Managing users in bulk. 6: Managing user templates. 7: Managing mailbox databases. 8: Managing COS. 9: Managing directory handlers.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.ResourceType
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ResourceType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetAgencyObjectId

Property Name	Value
Description:	The unique identifier of the Agency object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetAgencyObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetDistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetDistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the Handler object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetUserObjectId

Property Name	Value
Description:	The unique identifier of the user object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetUserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetVmsObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	This identifies the particular area (i.e., a node in the organizational hierarchy) of a Unity Organization that this policy applies to. For now, this can only be a LocationVMS, although in the future we do support multiple primary VMS as a method of partitioning.
Business Rules:	Only one Target may be specified for a Policy.

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetVmsObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UpdateAccess

Property Name	Value
Description:	A flag indicating authorization to change the attribute(s) of an object. For example, the ability to change Class of Service (COS) settings.
Notes:	Values: 0: Not authorized to change the attributes of an object 1: Authorized to change the attributes of an object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.UpdateAccess
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object (subject) to which this policy is assigned.
Notes:	
Business Rules:	
Developer Notes:	May want to add DL or UserGroup as subject later, but for now it is just a User.
Table/Column Mapping:	tbl_Policy.UserObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	This identifies the particular area (i.e., a node in the organizational hierarchy) of a Unity Organization that this policy applies to. For now, this can only be a LocationVMS, although in the future we do support multiple primary VMS as a method of partitioning.
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetVmsObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.67. vw_DirectoryHandler

A call routing object that enables outside callers to search for subscribers by spelling their name in the case where they don't know the user's extension number. When a caller searches on a subscriber name or part of a name, a directory handler looks up the extension and routes the call to the appropriate subscriber. Formerly called "NameLookupHandler."

Additional Information

This view is comprised of the columns in the tbl_Handler and tbl_DirectoryHandler tables.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AutoRoute	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will automatically route a call to the extension assigned to the subscriber on a unique match without prompting the caller to verify the match; or to present a list of matches, even if only one, and prompt the user to verify the match.	Bool
	CreationTime	datetime (8 bytes)	The date and time the handler is created.	
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId
	EndDialDelay	smallint (2 bytes)	The amount of time (in seconds) that Cisco Unity Connection waits after caller input before performing the action indicated by the input.	
	Exit_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	Exit_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	Exit_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	ExitCallActionObjectId	char (36 characters)	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if the caller presses the "exit" key (star or pound/hash).	ObjectID
	Language	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.	Language-Code
	LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this handler belongs.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	MaxMatches	smallint (2 bytes)	The number of matches, that if exceeded, will result in Cisco Unity Connection prompting the caller to dial more letters.	
	MenuStyle	smallint (2 bytes)	A flag indicating how Cisco Unity Connection presents directory matches to callers - either in "menu choice" or "extension list" format.	Bool
	NoInput_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	NoIn-put_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	NoIn-put_TargetHandlerObjec- tId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	NoInputCallActionOb- jectId	char (36 characters)	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if the caller does not enter a name or by not responding to prompts.	ObjectID
	NoSelection_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	NoSelec- tion_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	NoSelec- tion_TargetHandlerObjec- tId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	NoSelectionCallAc- tionObjectId	char (36 characters)	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which the caller is sent to) if the caller makes no selection from a list of matches.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DirectoryHandler object.	ObjectID
	PlayAllNames	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the names of subscribers in the directory for caller selection, rather than requiring the caller to search by spelled name.	Bool
	SayExtension	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection provides a menu of subscriber names including extensions, or just subscriber names.	Bool
	ScopeObjectCosObjectId	char (36 characters)	The unique identifier of the COS which acts as the filter for the directory handler.	ObjectID
	ScopeObjectDistribu- tionListObjectId	char (36 characters)	The unique identifier of the distribution list which acts as the filter for the directory handler.	ObjectID
	ScopeObjectLocationOb- jectId	char (36 characters)	The unique identifier of the location which acts as the filter for the directory handler.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	SearchByFirstName	smallint (2 bytes)	A flag indicating whether a directory handler searches for subscribers by using first name first, or last name first.	Bool
	SearchScope	smallint (2 bytes)	The scope of the directory that Cisco Unity Connection will search.	SearchScope
	SearchScopeObjectId	char (36 characters)	The three possible object references are coalesced into this column for backwards compatibility.	ObjectID
	StartDialDelay	smallint (2 bytes)	The amount of time (in seconds) that Cisco Unity Connection waits for the caller to start dialing. Time to wait for caller to start dialing in seconds. This is controlled on the SA's Caller Input 'timeout if no input in seconds' setting.	
	StreamFileObjectId	char (36 characters)	The unique identifier of the StreamFile object that contains the voice file name for this handler.	ObjectID
	Tries	smallint (2 bytes)	The number of times Cisco Unity Connection will reprompt the caller for input, e.g. dial name.	
	Undeletable	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseCallLanguage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this directory handler is derived from the directory handler object attribute or the default language from the location to which the directory handler belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.	Bool
	UseStarToExit	smallint (2 bytes)	A flag indicating the key on the phone to use for "exit the directory." This controls whether the directory handler uses star ("*") to exit (like the rest of the conversation) or pound/hash ("#") to exit.	Bool
	VoiceEnabled	smallint (2 bytes)	A flag indicating whether the directory handler will use voice based addressing rather than touchtones.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid
	Zero_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	Zero_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	Zero_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	ZeroCallActionObjectId	char (36 characters)	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if caller presses zero ("0") key during menu style list of names.	ObjectID

Stored Procedures

Name	Description
csp_DirectoryHandlerCreate	Creates a new DirectoryHandler object by inserting a new row into tbl_DirectoryHandler. This procedure also creates several other objects: <ul style="list-style-type: none"> * The call actions for Exit, No Input, No Selection and Zero conditions by inserting a new row into tbl_CallAction for each condition. * A new handler by inserting a new row into tbl_Handler * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.
csp_DirectoryHandlerDelete	Deletes a DirectoryHandler object from tbl_DirectoryHandler as specified by the @ObjectId parameter. This procedure also deletes several objects related to a DistributionList object: <ul style="list-style-type: none"> * The base Handler object in tbl_Handler. * Each of the four CallAction objects in tbl_CallAction related to this DirectoryHandler. * If there is an extension number assigned to the DirectoryHandler, the related DtmfAccessId object is deleted from tbl_DtmfAccessId. * If the DirectoryHandler has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.
csp_DirectoryHandlerModify	Updates the attributes of a DirectoryHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the DirectoryHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in.

Column Properties

AutoRoute

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will automatically route a call to the extension assigned to the subscriber on a unique match without prompting the caller to verify the match; or to present a list of matches, even if only one, and prompt the user to verify the match.

Property Name	Value
Notes:	Values: 0: Presents a list of matches, even if only one, and prompts the user to verify the match. 1: Automatically routes a call to the extension assigned to the subscriber on a unique match without prompting the caller to verify the match. or to p
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.AutoRoute
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the handler is created.
Notes:	
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Table/Column Mapping:	tbl_Handler.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ %\?'\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

EndDialDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits after caller input before performing the action indicated by the input.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.EndDialDelay
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	10

Exit_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Exit_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Exit_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ExitCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if the caller presses the "exit" key (star or pound/hash).
Notes:	<p>This value references a tbl_CallAction->ObjectId. Possible destinations or actions are:</p> <ul style="list-style-type: none"> * Send caller to a call handler * Send caller to another directory handler * Send caller to a greetings administrator i.e., a conversation for changing call handler greetings over the phone. * Send caller to a interview handler * Hang-up * Send caller to sign-in i.e., subscriber logon conversation. * Send caller to a subscriber extension
Business Rules:	The default value is a tbl_CallAction.ObjectId that references a call handler.
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.ExitCallActionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.

Property Name	Value
Notes:	<p>This is the Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>A value of NULL means the language is inherited. If you choose Inherited, Cisco Unity Connection determines the language to use for system prompts on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to Inherited for every rule and handler that processes a call, then the system prompts are played in the default phone language. For instance, if the call came in and hit an opening greeting that was set to 1033 for US English, that call is considered US English until it hits another object in the database that has a language setting other than NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063</p>

Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Language

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	Although for Cisco Unity Connection, only one primary location per VMS is supported, in a subsequent 5.x product release, multiple location objects per VMS are planned to provide multi-tenant capabilities.
Table/Column Mapping:	tbl_Handler.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMatches

Property Name	Value
Description:	The number of matches, that if exceeded, will result in Cisco Unity Connection prompting the caller to dial more letters.
Notes:	
Business Rules:	
Developer Notes:	This column is not exposed in the Unity 4.x SA. The value of 8 matches is hardcoded.
Table/Column Mapping:	tbl_DirectoryHandler.MaxMatches
Primary Key:	False
Allow Null:	False
Default Value:	8
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	20

MenuStyle

Property Name	Value
Description:	A flag indicating how Cisco Unity Connection presents directory matches to callers - either in "menu choice" or "extension list" format.
Notes:	<p>Examples of formats: Menu of choices - "for Pat Amos, press 1; for Gerry Anderson, press 2..." Extension list - "for Pat Amos, press 123; for Gerry Anderson, press 234..."</p> <p>Values: 0: Extension list format 1: Menu of choices format</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.MenuStyle
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NoInput_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NoInput_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NoInput_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NoInputCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if the caller does not enter a name or by not responding to prompts.
Notes:	This value references a tbl_CallAction->ObjectId. Possible destinations or actions are: <ul style="list-style-type: none"> * Send caller to a call handler * Send caller to another directory handler * Send caller to a greetings administrator i.e., a conversation for changing call handler greetings over the phone. * Send caller to a interview handler * Hang-up * Send caller to sign-in i.e., subscriber logon conversation. * Send caller to a subscriber extension
Business Rules:	The default value is a tbl_CallAction.ObjectId that references a call handler.
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.NoInputCallActionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NoSelection_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: <ul style="list-style-type: none"> 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NoSelection_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NoSelection_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NoSelectionCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which the caller is sent to) if the caller makes no selection from a list of matches.
Notes:	This value references a tbl_CallAction->ObjectId. Possible destinations or actions are: <ul style="list-style-type: none"> * Send caller to a call handler * Send caller to another directory handler * Send caller to a greetings administrator i.e., a conversation for changing call handler greetings over the phone. * Send caller to a interview handler * Hang-up * Send caller to sign-in i.e., subscriber logon conversation. * Send caller to a subscriber extension
Business Rules:	The default value is a tbl_CallAction.ObjectId that references a call handler.
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.NoSelectionCallActionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DirectoryHandler object.
Notes:	The value of this objectid is the same as the tbl_Handler.ObjectId column in the tbl_Handler base table.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PlayAllNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the names of subscribers in the directory for caller selection, rather than requiring the caller to search by spelled name.
Notes:	<p>Cisco Unity Connection plays the names of all subscribers in the directory when either of the following conditions are true:</p> <ul style="list-style-type: none"> * Only 1 to 5 subscribers are listed in the Unity directory. * When there are more than 5 but less than 51 subscriber names listed in the directory, and the caller chooses to play all names listed in the directory. <p>When a directory handler includes more than 50 subscriber names, Cisco Unity Connection requires the caller to search for a subscriber by spelled name.</p> <p>When there are no subscriber names listed in the directory, Cisco Unity Connection performs the action (or sends the caller to the destination) associated with the value of the tbl_CallAction->ObjectId referenced by "NoInputCallActionObjectId."</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.PlayAllNames
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection provides a menu of subscriber names including extensions, or just subscriber names.
Notes:	This column applies only if "MenuStyle" is set to a value of 1 (true). Values: 0: Play only subscriber names in menu list. 1: Play subscriber names and extensions in menu list.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.SayExtension
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ScopeObjectCosObjectId

Property Name	Value
Description:	The unique identifier of the COS which acts as the filter for the directory handler.
Notes:	Only users with this COS will be included in the directory handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.ScopeObjectCosObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScopeObjectDistributionListObjectId

Property Name	Value
Description:	The unique identifier of the distribution list which acts as the filter for the directory handler.
Notes:	Only users who are members of this distribution list will be included in the directory handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.ScopeObjectDistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScopeObjectLocationObjectId

Property Name	Value
Description:	The unique identifier of the location which acts as the filter for the directory handler.
Notes:	Only those users assigned to this location will be included in the directory handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.ScopeObjectLocationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SearchByFirstName

Property Name	Value
Description:	A flag indicating whether a directory handler searches for subscribers by using first name first, or last name first.
Notes:	Values: 0: Search by last name, then first name. 1: Search by first name, then last name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.SearchByFirstName
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SearchScope

Property Name	Value
Description:	The scope of the directory that Cisco Unity Connection will search.

Property Name	Value
Notes:	Used to restrict the directory handler searches to the Local VMS, a location, a dialing domain, a distribution list, a class of service, or to expand searches to the entire Unity organization (i.e., global). Values: 0: VMS - directory handler search restricted to the local VMS. 1: Dialing domain - directory handler search restricted to a dialing domain. 2: Global - directory handler search expanded to the entire Unity organization (global). 3: Location - directory handler search restricted to a Unity location. 4: Distribution list - directory handler search is restricted to a distribution list. 5: COS - directory handler search restricted to a class of service.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.SearchScope
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	SearchScope
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SearchScopeObjectId

Property Name	Value
Description:	The three possible object references are coalesced into this column for backwards compatibility.
Notes:	If the search scope is a location or class of service, this ID refers to the ObjectId of the respective object. If the search scope is a distribution list, this ID references the ObjectId for the respective ScopeDlist object, not the ObjectId of the DistributionList. See "tbl_ScopeDList" for information about scope distribution lists. If the search scope is initially set to a local VMS, dialing domain or global, this column contains NULL. If however SearchScope is initially set to a COS, location or distribution list, and then changed to a local VMS, a dialing domain or global, the SearchScopeObjectId is not nulled out as one might expect. Rather since the SearchScopeObjectId is ignored if the SearchScope is set to a local VMS, a dialing domain, or global, the SearchScopeObjectId is left alone so that if it is changed back, the object does not have to be re-entered.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StartDialDelay

Property Name	Value
Description:	<p>The amount of time (in seconds) that Cisco Unity Connection waits for the caller to start dialing.</p> <p>Time to wait for caller to start dialing in seconds. This is controlled on the SA's Caller Input 'timeout if no input in seconds' setting.</p>
Notes:	When the caller does not press any key, Cisco Unity Connection should ask for confirmation that the caller is still there. If there is no response, Cisco Unity Connection performs the action (or sends the caller to the destination) associated with the value of the tbl_CallAction->ObjectId referenced by "NoInputCallActionObjectId."
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.StartDialDelay
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	10

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that contains the voice file name for this handler.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.StreamFileObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Tries

Property Name	Value
Description:	The number of times Cisco Unity Connection will reprompt the caller for input, e.g. dial name.
Notes:	When the caller does not press any key after being reprompted, Cisco Unity Connection should ask for confirmation that the caller is still there. If there is no response, Cisco Unity Connection performs the action associated with the value of the tbl_CallAction->ObjectId referenced by "NoInputCallActionObjectId."
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.Tries
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

Undeleteable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Used to prevent the deletion of factory defaults such as the "Opening Greeting" call handler. 0: The handler can be deleted by an administrator (with the required privilege) via an administrative application such as Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager. 1: The handler cannot be deleted by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Undeleteable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag allows that language to be the language used by handlers in the system to play prompts for users. Values: 0: Do not use the language specified by the system call routing rule to play prompts for users 1: Use the language specified by the system call routing rule to play prompts for users

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.UseCallLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this directory handler is derived from the directory handler object attribute or the default language from the location to which the directory handler belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseStarToExit

Property Name	Value
Description:	A flag indicating the key on the phone to use for "exit the directory." This controls whether the directory handler uses star ("*") to exit (like the rest of the conversation) or pound/hash ("#") to exit.
Notes:	Values: 0: Use star ("*") key to exit directory handler. 1: Use pound/hash ("#") key to exit directory handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.UseStarToExit
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceEnabled

Property Name	Value
Description:	A flag indicating whether the directory handler will use voice based addressing rather than touchtones.
Notes:	Values: 0: Directory handler will use touchtones 1: Directory handler will use voice commands
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.VoiceEnabled
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via url, but the url-path is constructed from the filename dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Zero_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Zero_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Zero_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ZeroCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection performs (or the destination to which calls are sent) if caller presses zero ("0") key during menu style list of names.
Notes:	<p>This value applies only if "MenuStyle" = 1.</p> <p>This value references a tbl_CallAction->ObjectId. Possible destinations or actions are:</p> <ul style="list-style-type: none"> * Send caller to a call handler * Send caller to another directory handler * Send caller to a greetings administrator i.e., a conversation for changing call handler greetings over the phone. * Send caller to a interview handler * Hang-up * Send caller to sign-in i.e., subscriber logon conversation. * Send caller to a subscriber extension
Business Rules:	The default value is a tbl_CallAction.ObjectId that references a call handler.
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.ZeroCallActionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.68. vw_DirectoryHandler_List

A narrow view of a directory handler. This view provides a list of all directory handlers, which is used by CUSA to provide list of directory handlers in drop-down lists. It contains only the ObjectId and DisplayName for each directory handler.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DirectoryHandler object.	ObjectID

Stored Procedures

vw_DirectoryHandler_List has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DirectoryHandler object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_Handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DirectoryHandler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.69. vw_DistributionList

A group of recipients created to send a message to all members of the group. When a message is sent to a distribution list, all members of the list receive a copy of the message. Formerly referred to as "Public" distribution lists.

Additional Information

This view is comprised of all the columns in the tbl_DistributionList, plus an additional VoiceName column that is defined in tbl_StreamFile.FileName.

Top level members of these system distribution lists are stored in the DistributionListMember table.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	AllowContacts	smallint (2 bytes)	A flag indicating whether contacts (system, VPIM, virtual) are allowed to be members of this Distribution List. Purpose of this flag is to enable administrators to create a Distribution List whose members are Unity users only.	Bool
	AllowForeignMessage	smallint (2 bytes)	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)	Bool
	AltName	nvarchar (64 characters)	The alternate spelling of the distributionlist name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing.	
	CreationTime	datetime (8 bytes)	The date and time the system distribution list was created.	
	DisplayName	nvarchar (64 characters)	The unique text name of the system distribution list to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The DTMF access id (i.e., extension) for the distribution list.	DtmfAccessId
	DtmfName	varchar (16 characters)	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the system distribution list. These digits are used for searching the distribution list by name via the phone.	DtmfName

Key	Name	SQL Data Type/Length	Description	Custom Type
	IsPublic	smallint (2 bytes)	A flag indicating whether the system distribution list is addressable by all subscribers on all VMSeS throughout the Unity Organization.	Bool
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this system distribution list belongs.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DistributionList object.	ObjectID
	Undeetable	smallint (2 bytes)	A flag indicating whether this distribution list can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_DistributionListCreate	Creates a new DistributionList object by inserting a new row into tbl_DistributionList. It also creates a new Alias object in tbl_Alias by executing csp_AliasCreate. Two other objects may also be created: * If a DtmfAccessID is passed in, a new DtmfAccessId object is created by executing csp_DtmfAccessIdCreate. * If a VoiceName is passed in, a new StreamFile object is created by executing csp_StreamFileModify.
csp_DistributionListDelete	Deletes a DistributionList object from tbl_DistributionList as specified by the @ObjectId parameter. This procedure also deletes several objects related to a DistributionList object: * Any member mappings in tbl_DistributionListMember where the specified distribution list is the member of another distribution list are deleted. * The related Alias object is deleted from tbl_Alias by executing csp_AliasDelete. * If there is an extension number assigned to the DistributionList, the related DtmfAccessId object is deleted from tbl_DtmfAccessId. * If the DistributionList has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.
csp_DistributionListModify	Updates the attributes of a DistributionList object based on the values passed in via the parameters. The @ObjectId parameter identifies the DistributionList object that will be updated. This procedure will also update the DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AllowContacts

Property Name	Value
Description:	A flag indicating whether contacts (system, VPIM, virtual) are allowed to be members of this Distribution List. Purpose of this flag is to enable administrators to create a Distribution List whose members are Unity users only.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionList.AllowContacts
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AllowForeignMessage

Property Name	Value
Description:	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionList.AllowForeignMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AltName

Property Name	Value
Description:	The alternate spelling of the distributionlist name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing.
Notes:	Used to enable name lookup and message addressing via the TUI client when the alias contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and the distribution list alias is composed of Kanji characters, to enable users and callers to search for a distribution list name via the phone, an alternate spelling of the distribution list name in ASCII characters can be stored in the altname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionList.AltName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the system distribution list was created.
Notes:	
Business Rules:	
Developer Notes:	The default value is the current date and time - GETUTCDATE()
Table/Column Mapping:	tbl_DistributionList.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of the system distribution list to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionList.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The DTMF access id (i.e., extension) for the distribution list.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.@,;\+\\ \%?\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfName

Property Name	Value
Description:	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the system distribution list. These digits are used for searching the distribution list by name via the phone.
Notes:	
Business Rules:	When the display name of a system distribution list is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_DistributionList.DtmfName

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPublic

Property Name	Value
Description:	A flag indicating whether the system distribution list is addressable by all subscribers on all VMSES throughout the Unity Organization.
Notes:	Values: 0: Distribution list is not addressable by all subscribers. 1: Distribution list is addressable by all subscribers on all VMSES.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionList.IsPublic
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this system distribution list belongs.
Notes:	
Business Rules:	
Developer Notes:	Important in K2 for replication.
Table/Column Mapping:	tbl_DistributionList.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionList object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_DistributionList.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this distribution list can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	<p>This setting is used to prevent the deletion of factory defaults such as the "All Subscribers" distribution list included with every VMS.</p> <p>Values:</p> <p>0: The distribution list can be deleted by an administrator (with the required privilege) via Cisco Unity Connection Administration, Cisco Unity Connection Bulk Administration Manager or administrative application.</p> <p>1: The distribution list cannot be deleted by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionList.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.70. vw_DistributionList_List

The basic attributes of a distribution list used for retrieving a list of distribution lists.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	DisplayName	nvarchar (64 characters)	The unique text name of the system distribution list to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DistributionList object.	ObjectID

Stored Procedures

vw_DistributionList_List has no stored procedures.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of the system distribution list to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionList.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionList object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_DistributionList.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.71. vw_DistributionListMember

A simple view for tbl_DistributionListMember.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	Alias of user, or null if member is a distribution list.	Alias
	AllowForeignMessage	smallint (2 bytes)	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)	Bool
	DisplayName	nvarchar (64 characters)	DisplayName of member (Subscriber or DistributionList)	DisplayName
	DistributionListObjectId	char (36 characters)	The unique identifier of the DistributionList object to which this distribution list member belongs.	ObjectID
	MemberContactObjectId	char (36 characters)	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise, this attribute is set to NULL.	ObjectID
	MemberDistributionListObjectId	char (36 characters)	The member of this distribution list. If the member is a virtual contact, the unique identifier of the VirtualContact object that is a member of the distribution list. Otherwise, this attribute is set to NULL.	ObjectID
	MemberUserObjectId	char (36 characters)	The member of this distribution list. If the member is a user, the unique identifier of the User object that is a member of the distribution list. Otherwise, this attribute is set to NULL.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.	ObjectID

Stored Procedures

Name	Description
csp_DistributionListMemberCreate	Adds a member (user or another distribution list) to the specified DistributionList. Creates a new DistributionListMember object by inserting a new row into tbl_DistributionListMember.
csp_DistributionListMemberDelete	Deletes a DistributionListMember object from tbl_DistributionListMember as specified by the @ObjectId parameter.

Column Properties

Alias

Property Name	Value
Description:	Alias of user, or null if member is a distribution list.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AllowForeignMessage

Property Name	Value
Description:	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_DistributionList.AllowForeignMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	DisplayName of member (Subscriber or DistributionList)
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this distribution list member belongs.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.DistributionListObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberContactObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.MemberContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberDistributionListObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is a virtual contact, the unique identifier of the VirtualContact object that is a member of the distribution list. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	<ul style="list-style-type: none"> * A distribution list cannot be a member of its own distribution list. * One of the Member* columns must have a non-NULL value while the remaining Member* columns must contain NULL.
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.MemberDistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberUserObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is a user, the unique identifier of the User object that is a member of the distribution list. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	One of the Member* columns must have a non-NULL value while the remaining Member* columns must contain NULL.
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.MemberUserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.
Notes:	Surrogate key for this table to facilitate membership links to more than one thing.
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.72. vw_DistributionListMemberTemplate

A distribution list member template.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	AllowForeignMessage	smallint (2 bytes)	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)	Bool
	DisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	DistributionListObjectId	char (36 characters)	The unique identifier of the DistributionList object to which this distribution list member belongs.	ObjectID
	MemberContactObjectId	char (36 characters)	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise, this attribute is set to NULL.	ObjectID
PK	MemberUserObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.	ObjectID

Stored Procedures

vw_DistributionListMemberTemplate has no stored procedures.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AllowForeignMessage

Property Name	Value
Description:	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionList.AllowForeignMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns. If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this distribution list member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.DistributionListObjectId
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberContactObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.MemberContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberUserObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	

Property Name	Value
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.
Notes:	Surrogate key for this table to facilitate membership links to more than one thing.
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.73. vw_DtmfAccessId

A simple view for tbl_DtmfAccessId.

A dialable number (i.e. extension) for all subscribers, call handlers, interview handlers, directory handlers, location objects and distribution lists in the entire system.

Additional Information

The tbl_DtmfAccessId table serves a couple of very important roles. When you go to add a new subscriber, handler, etc. you need to make sure it does not conflict with a DtmfAccessId at the Dialing Domain scope. This table provides an easy way of doing that with a single query instead of having to check several tables individually. When conversations are collecting a DtmfAccessId from the caller for addressing a message by extension or for doing an auto attendant DtmfAccessId lookup or the like, the lookups for a match have to be done against this single table instead of using a complex multi table search.

Administrator defined alternate extensions for subscribers are also stored in this table. In addition to the primary extension assigned to a subscriber, a subscriber can have up to 9 alternate extension numbers that administrators can specify. For example, if a subscriber has multiple line appearances on their phone. Alternate extensions have an IdIndex with a non-zero value. All alternate extensions use the same transfer setting settings as the primary extension.

User defined "alternate extensions" are subscriber phone numbers used to facilitate auto-logon when a subscriber calls from a home, mobile, or other phone number. These phone numbers are stored in the tbl_PhoneNumber table, which has an "AutoLogon" column that can set to use a number for autologon. This keeps these numbers out of the global DtmfAccessId space, and keeps them from being used for addressing, which is desirable. DtmfAccessId's are used for both auto-logon and addressing.

For Cisco Unity Connection, SIP format extensions are not allowed in system-defined extensions (primary and administrator-defined alternate extensions) . A system-defined extension must contain an extension in the format of a telephone numeric (digits 0-9 only) while a user-defined alternate extension stored in tbl_PhoneNumber can contain either a number or an alias for a SIP URL.

When Cisco Unity Connection supports multiple VMS servers, this table will also contain subscriber and location extensions from other VMS servers on the network. Call handlers and interview handlers are local objects only and are not replicated around the directory so the DtmfAccessId table will only have IDs from local objects in that case.

Cisco Unity Connection does not have the concept of a "dialing domain", which was used primarily in networking to allow more than one Unity to be part of the same dialing domain. Cisco Unity Connection does not support networking, and hence this is not needed.

If we go forward with support for multiple primary locations in subsequent versions, then these may be used to partition the DtmfAccessId space for multiple tenants (for example), since the current model supports having the same DtmfAccessId at more than one primary location.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CallPickupTimeout	smallint (2 bytes)	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	ClientMatterCode	varchar (40 characters)	The Client Matter Code (CMS) to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign account or billing codes to the call.	ClientMatter-Code
	DisplayName	nvarchar (64 characters)	The text name of this DtmfAccessId to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId
	IdIndex	int (4 bytes)	An index into the alternate extensions for a subscriber.	
	LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this location (denormalized) belongs.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DtmfAccessId object.	ObjectID
	Parent_ContactObjectId	char (36 characters)	The unique identifier of the Contact object to which this DtmfAccessId belongs.	ObjectID
	Parent_DistributionListObjectId	char (36 characters)	The unique identifier of the DistributionList object to which this DtmfAccessId belongs	ObjectID
	Parent_HandlerObjectId	char (36 characters)	The unique identifier of the Handler object to which this DtmfAccessId belongs	ObjectID
	Parent_LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this DtmfAccessId belongs,	ObjectID
	Parent_SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this DtmfAccessId belongs	ObjectID
	TransmitForcedAuthorizationCode	smallint (2 bytes)	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.	Bool

Stored Procedures

Name	Description
csp_DtmfAccessIdCreate	Creates a new DtmfAccessId object (extension number) for a subscriber (primary and alternate extension), call handler, interview handler, directory handler, location, contact, or distribution list by inserting a new row into tbl_DtmfAccessId.
csp_DtmfAccessIdDelete	Deletes a DtmfAccessId object (extension number) from tbl_DtmfAccessId as specified by the @ObjectId parameter.
csp_DtmfAccessIdModify	Updates the attributes of a DtmfAccessId (extension) object for a subscriber (primary and alternate extension), call handler, interview handler, directory handler, location, contact, or distribution list based on the values passed in via the parameters. The @ObjectId parameter identifies the DtmfAccessId object that will be updated.

Column Properties

CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	The call is pulled back by the PA and the routed to the next PA destination.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.CallPickupTimeout
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The Client Matter Code (CMS) to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign account or billing codes to the call.
Notes:	
Business Rules:	A NULL indicates that a CMC is not required.
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.ClientMatterCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of this DtmfAccessId to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	Used to "name" alternate extension slots such that they are displayed in administrative interfaces such as in PCA slots with those defined names such as mobile phone, home phone, etc. Currently, the ability to assign a name or label to an alternate extension is only implemented in PCA for subscriber defined alternate extensions. This column was formerly named "Description" in Unity 4.x.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ \% \?\\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IdIndex

Property Name	Value
Description:	An index into the alternate extensions for a subscriber.
Notes:	<p>Differentiates extensions for a single user. This column replaces the "Alias" column in Cisco Unity Connection 4.0. as an index into a subscriber alternate extension.</p> <p>Cisco Unity Connection allows a subscriber to have 9 administrator specified alternate extensions and 5 subscriber defined (if allowed by COS) alternate extensions. A particular alternate extension can be located in this table by using the IdIndex. Non alternate extensions (subscriber primary, distribution list, location, etc.) have an IdIndex containing a value of 0.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.IdIndex
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this location (denormalized) belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DtmfAccessId object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Parent_ContactObjectId

Property Name	Value
Description:	The unique identifier of the Contact object to which this DtmfAccessId belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.Parent_ContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Parent_DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this DtmfAccessId belongs
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.Parent_DistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Parent_HandlerObjectId

Property Name	Value
Description:	The unique identifier of the Handler object to which this DtmfAccessId belongs
Notes:	This can be a call handler, interview handler, or directory handler
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.Parent_HandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Parent_LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this DtmfAccessId belongs,
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.Parent_LocationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Parent_SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this DtmfAccessId belongs
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.Parent_SubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	In the future, we should be able to grab this setting from Call Manager via AXL.
Table/Column Mapping:	tbl_DtmfAccessId.TransmitForcedAuthorizationCode
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.74. vw_ExternalService

External service such as IMAP, WebDAV, or MeetingPlace Express.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DialString	nvarchar (40 characters)	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.	PhoneNumberE123
	DisplayName	nvarchar (64 characters)	The preferred text name of the external service used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.	
	IsEnabled	smallint (2 bytes)	A flag indicating whether the external service is enabled.	Bool
	Mounted	smallint (2 bytes)	***Obsolete - use IsEnabled instead ***	Bool
PK	ObjectId	char (36 characters)	A globally unique, system-generated identifier for a external service object.	ObjectID
	RequiredSecurity	int (4 bytes)	The method of encryption that Cisco Unity Connection will use on the connection with this external service.	MailstoreConnectionEncryption
	Server	lvarchar (256 characters)	The name of the server on which the external service runs.	
	ServiceAlias	lvarchar (256 characters)	The unique text name (e.g., logon name) for a service to use to logon to the external service.	
	ServicePassword	varchar (254 characters)	The password for logon to the external service.	
	ServiceType	int (4 bytes)	The type of external service (e.g., WebDAV, IMAP, MPE).	MailboxStoreType
	UseServiceCredentials	smallint (2 bytes)	A flag indicating whether to use service credentials rather than user credentials to logon to the external service.	Bool

Stored Procedures

Name	Description
csp_ExternalServiceCreate	Creates a new external service object by inserting a new row into tbl_MailboxStoreMap.

Name	Description
csp_ExternalServiceDelete	Deletes an External Service by deleting a MailboxStoreMap object from tbl_MailboxStoreMap as specified by the @ObjectId parameter.
csp_ExternalServiceModify	Updates the attributes of a External Service by updating a MailboxStoreMap object based on the values passed in via the parameters. The @ObjectId parameter identifies the MailboxStoreMap object that is updated.

Column Properties

DialString

Property Name	Value
Description:	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Notes:	Valid only for a MeetingPlace Express external service.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.DialString
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of the external service used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_MailboxStoreMap.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsEnabled

Property Name	Value
Description:	A flag indicating whether the external service is enabled.
Notes:	Values: 0: The external service is disabled. 1: The external service is enabled.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.Mounted
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Mounted

Property Name	Value
Description:	***Obsolete - use IsEnabled instead ***
Notes:	Clients should check this setting before accessing the mailbox store database. Tools can set it to denote that a mailbox store is offline when offline database maintenance needs to be performed.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.Mounted
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	A globally unique, system-generated identifier for a external service object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiredSecurity

Property Name	Value
Description:	The method of encryption that Cisco Unity Connection will use on the connection with this external service.
Notes:	Values: 0: No encryption. 1: TLS level encryption. 2: SSL encryption. 3: IPSec encryption.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.RequiredSecurity
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailstoreConnectionEncryption
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Server

Property Name	Value
Description:	The name of the server on which the external service runs.
Notes:	For WebDAV, this is the base URL such as http://exchange.mycompany.com, or https://exchange.mycompany.com, or https://exchange.mycompany.com:443, etc. - essentially it is extended to allow controlling the security and port.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.Server
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (256 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ServiceAlias

Property Name	Value
Description:	The unique text name (e.g., logon name) for a service to use to logon to the external service.
Notes:	Must have access to all users messages ("superuser").
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ServiceAlias
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ServicePassword

Property Name	Value
Description:	The password for logon to the external service.
Notes:	Encrypted/decrypted by clients.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ServicePassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	

Property Name	Value
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ServiceType

Property Name	Value
Description:	The type of external service (e.g., WebDAV, IMAP, MPE).
Notes:	Values: 0: UMSS - Cisco Unity Connection message store solution. 1: IMAP - external, non-UMSS, mailstore accessed via IMAP. 2: POP3 - external, non-UMSS, mailstore accessed via POP3. 3: WebDAV - used to retrieve personal contacts (although could potentially be used to get messages) 4: Used by the Common Calendaring Library to retrieve calendaring and meeting information from the Meeting Place Express web service.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.MailboxStoreType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailboxStoreType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseServiceCredentials

Property Name	Value
Description:	A flag indicating whether to use service credentials rather than user credentials to logon to the external service.

Property Name	Value
Notes:	Values: 0: Use user credentials to logon to this external service 1: Use service credentials to logon to this external service
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.UseServiceCredentials
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.75. vw_Greeting

A rule that for each call handler, defines which greetings are enabled, the greeting source, and the actions that Cisco Unity Connection takes during and after each greeting. Formerly referred to as "Messaging Rules."

Additional Information

This view is comprised of all the columns in tbl_Greeting, plus two additional columns - Greeting and LanguageCode. Greeting is defined in tbl_StreamFile.FileName and LanguageCode is defined in tbl_StreamFile.LanguageCode.

Each call handler has a collection of six greetings:

Standard: Plays at all times unless overridden by another greeting. You cannot disable the standard greeting.

Off Hours: Plays during the closed (nonbusiness) hours defined for the active schedule. An off hours greeting overrides the standard greeting, and thus limits the standard greeting to the open hours defined for the active schedule.

Internal: Plays to internal callers only. An internal greeting overrides the standard and off hours greetings.

Busy: Plays when the extension is busy. A busy greeting overrides the standard, off hours, and internal greetings.

Alternate: Can be used for a variety of special situations, such as vacations, leave of absence, or a holiday. An alternate greeting overrides all other greetings.

Error: Plays when a caller attempts to dial an extension that does not exist on the system during a greeting.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AfterGreeting_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	AfterGreeting_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	AfterGreeting_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
PK	CallHandlerObjectId	char (36 characters)	The unique identifier of the CallHandler object to which this greeting rule belongs.	ObjectID
PK	GreetingType	nvarchar (12 characters)	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.	GreetingRule-Name
	IgnoreDigits	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.	Bool
	PlayWhat	smallint (2 bytes)	The source for the greeting when this greeting is active.	PlayWhat-Type
	RepromptDelay	smallint (2 bytes)	The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.	
	Reprompts	smallint (2 bytes)	The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	TimeExpires	datetime (8 bytes)	The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.	

Stored Procedures

Name	Description
csp_GreetingCreate	Creates a new Greeting object for a call handler by inserting a new row into tbl_Greeting.
csp_GreetingDelete	Deletes one of the six standard greetings for a call handler from tbl_Greeting as specified by the @CallHandlerObjectId and @GreetingType ("Standard", "Off Hours", etc.) parameters.
csp_GreetingModify	Modifies one of the six standard greetings for a call handler. The attributes of a Greeting object are updated based on the values passed in via the parameters. The @GreetingType and @CallHandlerObjectId parameter identify the Greeting object that is updated.

Column Properties

AfterGreeting_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterGreeting_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterGreeting_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this greeting rule belongs.
Notes:	A greeting can belong only to a call handler object.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.CallHandlerObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

GreetingType

Property Name	Value
Description:	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Notes:	<p>Values:</p> <p>Alternate: Alternate - can be used for a variety of special situations, such as vacations, leave of absence, or a holiday. An alternate greeting overrides all other greetings.</p> <p>Busy: Busy - plays when the extension is busy. A busy greeting overrides the standard, off hours, and internal greetings.</p> <p>Error: Error - plays when a caller attempts to dial an extension that does not exist on the system during a greeting.</p> <p>Holiday: Holiday - plays when holiday schedule is encountered unless overridden by an alternate greeting.</p> <p>Internal: Internal - plays to internal callers only. An internal greeting overrides the standard and off hours greetings.</p> <p>Off Hours: Off hours - plays during the closed (nonbusiness) hours defined for the active schedule. An off hours greeting overrides the standard greeting, and thus limits the standard greeting to the open hours defined for the active schedule.</p> <p>Standard: Standard - plays at all times unless overridden by another greeting. You cannot disable the standard greeting.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.GreetingType
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	Standard
Custom Type:	GreetingRuleName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IgnoreDigits

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.
Notes:	<p>This column overrides all Menu Entry settings when this greeting is active. This has the same effect as setting all the menu entry keys for this handler to "locked". It's a shorthand way of locking callers into the greeting so they can't get out until it completes.</p> <p>Values: 0: Caller input enabled during greeting 1: Caller input ignored during greeting</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.IgnoreDigits
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PlayWhat

Property Name	Value
Description:	The source for the greeting when this greeting is active.
Notes:	<p>Values:</p> <p>0: System greeting - Cisco Unity Connection plays a prerecorded greeting along with the recorded name of the subscriber (for example, "Sorry, <subscriber name> is not available"). If the subscriber does not have a recorded name, Cisco Unity Connection plays the subscriber extension instead. When a greeting is enabled but not recorded, Cisco Unity Connection plays a prerecorded system greeting.</p> <p>1: Recorded greeting - use a personal recording for the call handler (or subscriber). This can be recorded over the phone or from the Cisco Unity Connection Administration and CPCA administrative interfaces on the call handler/subscriber.</p> <p>2: No greeting is played.</p>
Business Rules:	<p>Default values:</p> <p>Call handler - 1 (recording)</p> <p>Subscriber - 0 (system)</p>
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.PlayWhat
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	PlayWhatType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RepromptDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.
Notes:	<p>Values:</p> <p>0: Do wait without receiving caller input and do not replay greeting.</p> <p>1 or greater - Wait this number of seconds without receiving any input from the caller before playing the greeting again.</p>
Business Rules:	If reprompt is enabled, a default value of 2 seconds is recommended.
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.RepromptDelay
Primary Key:	False
Allow Null:	False
Default Value:	2

Property Name	Value
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

Reprompts

Property Name	Value
Description:	The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.
Notes:	<p>This column is typically used when an audio text application is expecting input from a caller.</p> <p>Values:</p> <p>0: Do not reprompt - Cisco Unity Connection will play the greeting once and then the after-greeting action is taken.</p> <p>1 or greater: Number of times to reprompt.</p> <p>The "RepromptDelay" value determines how many seconds to wait in between replays.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.Reprompts
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

TimeExpires

Property Name	Value
Description:	The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.
Notes:	<p>Rather than use a simple on and off scheme for enabling greetings and transfer options, Cisco Unity Connection employs a date scheme. If the value is NULL or a date in the future then the greeting is considered enabled. If the date is sometime in the past, then the greeting is considered disabled.</p> <p>The "Enhanced Alternate Greeting" feature uses this column to specify how long the subscriber wants their alternate greeting enabled.</p> <p>The standard greeting rule should never be disabled.</p>
Business Rules:	
Developer Notes:	The date scheme concept was intended to support the capability of automatically expiring greetings and transfers, however that feature was never actually implemented.
Table/Column Mapping:	tbl_Greeting.TimeExpires
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.76. vw_GreetingDisplay

A rule that for each call handler, defines which greetings are enabled, the greeting source, and the actions that Cisco Unity Connection takes during and after each greeting. Formerly referred to as "Messaging Rules."

Additional Information

This view is comprised of all the columns in tbl_Greeting, plus two additional columns - Greeting and LanguageCode. Greeting is defined in tbl_StreamFile.FileName and LanguageCode is defined in tbl_StreamFile.LanguageCode.

Each call handler has a collection of six greetings:

Standard: Plays at all times unless overridden by another greeting. You cannot disable the standard greeting.

Off Hours: Plays during the closed (nonbusiness) hours defined for the active schedule. An off hours greeting overrides the standard greeting, and thus limits the standard greeting to the open hours defined for the active schedule.

Internal: Plays to internal callers only. An internal greeting overrides the standard and off hours greetings.

Busy: Plays when the extension is busy. A busy greeting overrides the standard, off hours, and internal greetings.

Alternate: Can be used for a variety of special situations, such as vacations, leave of absence, or a holiday. An alternate greeting overrides all other greetings.

Error: Plays when a caller attempts to dial an extension that does not exist on the system during a greeting.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AfterGreeting_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	AfterGreeting_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	AfterGreeting_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
PK	CallHandlerObjectId	char (36 characters)	The unique identifier of the CallHandler object to which this greeting rule belongs.	ObjectID
PK	GreetingType	nvarchar (12 characters)	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.	GreetingRule-Name
	Greeting-Type_DisplayName	lvarchar (1024 characters)	Displayname for greetingtype	
	IgnoreDigits	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.	Bool
PK	LanguageCode	int (4 bytes)	The language code (LCID) indicating the language of the text in the LocalizedName column.	Language-Code
	PlayWhat	smallint (2 bytes)	The source for the greeting when this greeting is active.	PlayWhat-Type

Key	Name	SQL Data Type/Length	Description	Custom Type
	RepromptDelay	smallint (2 bytes)	The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.	
	Reprompts	smallint (2 bytes)	The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.	
	TimeExpires	datetime (8 bytes)	The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.	

Stored Procedures

Name	Description
csp_GreetingCreate	Creates a new Greeting object for a call handler by inserting a new row into tbl_Greeting.
csp_GreetingDelete	Deletes one of the six standard greetings for a call handler from tbl_Greeting as specified by the @CallHandlerObjectId and @GreetingType ("Standard", "Off Hours", etc.) parameters.
csp_GreetingModify	Modifies one of the six standard greetings for a call handler. The attributes of a Greeting object are updated based on the values passed in via the parameters. The @GreetingType and @CallHandlerObjectId parameter identify the Greeting object that is updated.

Column Properties

AfterGreeting_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterGreeting_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterGreeting_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this greeting rule belongs.
Notes:	A greeting can belong only to a call handler object.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.CallHandlerObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

GreetingType

Property Name	Value
Description:	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Notes:	<p>Values:</p> <p>Alternate: Alternate - can be used for a variety of special situations, such as vacations, leave of absence, or a holiday. An alternate greeting overrides all other greetings.</p> <p>Busy: Busy - plays when the extension is busy. A busy greeting overrides the standard, off hours, and internal greetings.</p> <p>Error: Error - plays when a caller attempts to dial an extension that does not exist on the system during a greeting.</p> <p>Holiday: Holiday - plays when holiday schedule is encountered unless overridden by an alternate greeting.</p> <p>Internal: Internal - plays to internal callers only. An internal greeting overrides the standard and off hours greetings.</p> <p>Off Hours: Off hours - plays during the closed (nonbusiness) hours defined for the active schedule. An off hours greeting overrides the standard greeting, and thus limits the standard greeting to the open hours defined for the active schedule.</p> <p>Standard: Standard - plays at all times unless overridden by another greeting. You cannot disable the standard greeting.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.GreetingType
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	Standard
Custom Type:	GreetingRuleName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

GreetingType_DisplayName

Property Name	Value
Description:	Displayname for greetingtype
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LocalizedName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (1024 characters)
Validation - Expression:	^[^\x00-\x1F\x7F\x0A\x0D]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	1024 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IgnoreDigits

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.

Property Name	Value
Notes:	<p>This column overrides all Menu Entry settings when this greeting is active. This has the same effect as setting all the menu entry keys for this handler to "locked". It's a shorthand way of locking callers into the greeting so they can't get out until it completes.</p> <p>Values: 0: Caller input enabled during greeting 1: Caller input ignored during greeting</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.IgnoreDigits
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	The language code (LCID) indicating the language of the text in the LocalizedName column.

Property Name	Value
Notes:	<p>The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LanguageCode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PlayWhat

Property Name	Value
Description:	The source for the greeting when this greeting is active.
Notes:	<p>Values:</p> <p>0: System greeting - Cisco Unity Connection plays a prerecorded greeting along with the recorded name of the subscriber (for example, "Sorry, <subscriber name> is not available"). If the subscriber does not have a recorded name, Cisco Unity Connection plays the subscriber extension instead. When a greeting is enabled but not recorded, Cisco Unity Connection plays a prerecorded system greeting.</p> <p>1: Recorded greeting - use a personal recording for the call handler (or subscriber). This can be recorded over the phone or from the Cisco Unity Connection Administration and CPCA administrative interfaces on the call handler/subscriber.</p> <p>2: No greeting is played.</p>
Business Rules:	<p>Default values:</p> <p>Call handler - 1 (recording)</p> <p>Subscriber - 0 (system)</p>
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.PlayWhat
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	PlayWhatType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RepromptDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.
Notes:	Values: 0: Do wait without receiving caller input and do not replay greeting. 1 or greater - Wait this number of seconds without receiving any input from the caller before playing the greeting again.
Business Rules:	If reprompt is enabled, a default value of 2 seconds is recommended.
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.RepromptDelay
Primary Key:	False
Allow Null:	False
Default Value:	2
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

Reprompts

Property Name	Value
Description:	The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.
Notes:	This column is typically used when an audio text application is expecting input from a caller. Values: 0: Do not reprompt - Cisco Unity Connection will play the greeting once and then the after-greeting action is taken. 1 or greater: Number of times to reprompt. The "RepromptDelay" value determines how many seconds to wait in between replays.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Greeting.Reprompts
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

TimeExpires

Property Name	Value
Description:	The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.
Notes:	<p>Rather than use a simple on and off scheme for enabling greetings and transfer options, Cisco Unity Connection employs a date scheme. If the value is NULL or a date in the future then the greeting is considered enabled. If the date is sometime in the past, then the greeting is considered disabled.</p> <p>The "Enhanced Alternate Greeting" feature uses this column to specify how long the subscriber wants their alternate greeting enabled.</p> <p>The standard greeting rule should never be disabled.</p>
Business Rules:	
Developer Notes:	The date scheme concept was intended to support the capability of automatically expiring greetings and transfers, however that feature was never actually implemented.
Table/Column Mapping:	tbl_Greeting.TimeExpires
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.77. vw_GreetingStreamFile

A simple view for tbl_GreetingStreamFile.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	CallHandlerObjectId	char (36 characters)	The unique identifier of the CallHandler object to which the stream file belongs.	ObjectID
PK	GreetingType	nvarchar (12 characters)	The type of greeting (e.g., alternate) to which the stream file belongs.	GreetingRule-Name
PK	LanguageCode	int (4 bytes)	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.	Language-Code
	StreamFile	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_GreetingStreamFileCreate	Creates a new GreetingStreamFile object in the specified language for a call handler by inserting a new row into tbl_GreetingStreamFile.
csp_GreetingStreamFileDelete	Deletes a GreetingStreamFile object from tbl_GreetingStreamFile as specified by the combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters. The StreamFile object in tbl_StreamFile associated with the GreetingStreamFile is also deleted by the procedure.
csp_GreetingStreamFileModify	Updates the attributes of a GreetingStreamFile object based on the values passed in via the parameters. The combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters identify the GreetingStreamFile object that is updated. The StreamFile object in tbl_StreamFile as specified by @StreamFile is also updated.

Column Properties

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which the stream file belongs.
Notes:	This is provides Cisco Unity Connection with an easy way to discover what object a stream belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_GreetingStreamFile.CallHandlerObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

GreetingType

Property Name	Value
Description:	The type of greeting (e.g., alternate) to which the stream file belongs.
Notes:	<p>Combined with CallHandlerObjectId, this facilitates finding the parent Greeting.</p> <p>Values:</p> <p>Alternate: Alternate - can be used for a variety of special situations, such as vacations, leave of absence, or a holiday. An alternate greeting overrides all other greetings.</p> <p>Busy: Busy - plays when the extension is busy. A busy greeting overrides the standard, off hours, and internal greetings.</p> <p>Error: Error - plays when a caller attempts to dial an extension that does not exist on the system during a greeting.</p> <p>Holiday: Holiday - plays when holiday schedule is encountered unless overridden by an alternate greeting.</p> <p>Internal: Internal - plays to internal callers only. An internal greeting overrides the standard and off hours greetings.</p> <p>Off Hours: Off hours - plays during the closed (nonbusiness) hours defined for the active schedule. An off hours greeting overrides the standard greeting, and thus limits the standard greeting to the open hours defined for the active schedule.</p> <p>Standard: Standard - plays at all times unless overridden by another greeting. You cannot disable the standard greeting.</p>
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_GreetingStreamFile.GreetingType
Primary Key:	True
Allow Null:	False
Default Value:	Standard
Custom Type:	GreetingRuleName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.

Property Name	Value
Notes:	<p>The usage of this column permits recording greetings and perhaps other voice recordings in multiple languages.</p> <p>The language is stored as a LCID, for example 1033 for US English. See custom type LanguageCode for additional information.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241</p> <p>10249: English_Belize 10249</p> <p>1025: Arabic_Saudi_Arabia 1025</p> <p>10250: Spanish_Peru 10250</p> <p>1026: Bulgarian 1026</p> <p>1027: Catalan 1027</p> <p>1028: Chinese_Taiwan 1028</p> <p>1029: Czech 1029</p> <p>1030: Danish 1030</p> <p>1031: German_Standard 1031</p> <p>1032: Greek 1032</p> <p>1033: English_United_States 1033</p> <p>1034: Spanish_Traditional_Sort 1034</p> <p>1035: Finnish 1035</p> <p>1036: French_Standard 1036</p> <p>1037: Hebrew 1037</p> <p>1038: Hungarian 1038</p> <p>1039: Icelandic 1039</p> <p>1040: Italian_Standard 1040</p> <p>1041: Japanese 1041</p> <p>1042: Korean 1042</p> <p>1043: Dutch_Standard 1043</p> <p>1044: Norwegian_Bokmal 1044</p> <p>1045: Polish 1045</p> <p>1046: Portuguese_Brazilian 1046</p> <p>1047: Rhaeto-Romanic 1047</p> <p>1048: Romanian 1048</p> <p>1049: Russian 1049</p> <p>1050: Croatian 1050</p> <p>1051: Slovak 1051</p> <p>1052: Albanian 1052</p> <p>1053: Swedish 1053</p> <p>1054: Thai 1054</p> <p>1055: Turkish 1055</p> <p>1056: Urdu 1056</p> <p>1057: Indonesian 1057</p> <p>1058: Ukrainian 1058</p> <p>1059: Belarusian 1059</p> <p>1060: Slovenian 1060</p> <p>1061: Estonian 1061</p> <p>1062: Latvian 1062</p> <p>1063: Lithuanian 1063</p> <p>1065: Farsi 1065</p> <p>1066: Vietnamese 1066</p> <p>1067: Armenian 1067</p> <p>1068: Azeri_Latin 1068</p> <p>1069: Basque 1069</p> <p>1070: Sorbian 1070</p>

Property Name	Value
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058

Property Name	Value
	2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_GreetingStreamFile.LanguageCode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFile

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.78. vw_Handler

A base table for all type of handler objects such as call handler, interview handler and directory handler (formerly referred to as "name lookup handler").

Additional Information

This view is comprised of all the columns in the tbl_Handler table, plus an additional column VoiceName that is defined in tbl_StreamFile.FileName.

A handler contains those properties common to all types of "handlers."

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CreationTime	datetime (8 bytes)	The date and time the handler is created.	
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
	Language	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.	Language-Code
	LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this handler belongs.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Handler object.	ObjectID
	ObjectType	smallint (2 bytes)	The type of handler (CallHandler, InterviewHandler, or DirectoryHandler) for this object.	ObjectType
	Undeleteable	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseCallLanguage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

vw_Handler has no stored procedures.

Column Properties

CreationTime

Property Name	Value
Description:	The date and time the handler is created.
Notes:	
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Table/Column Mapping:	tbl_Handler.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.

Property Name	Value
Notes:	<p>This is the Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>A value of NULL means the language is inherited. If you choose Inherited, Cisco Unity Connection determines the language to use for system prompts on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to Inherited for every rule and handler that processes a call, then the system prompts are played in the default phone language. For instance, if the call came in and hit an opening greeting that was set to 1033 for US English, that call is considered US English until it hits another object in the database that has a language setting other than NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063</p>

Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Language

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	Although for Cisco Unity Connection, only one primary location per VMS is supported, in a subsequent 5.x product release, multiple location objects per VMS are planned to provide multi-tenant capabilities.
Table/Column Mapping:	tbl_Handler.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	When other tables want to reference a row in this table, this is the value used to do it.
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Handler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectType

Property Name	Value
Description:	The type of handler (CallHandler, InterviewHandler, or DirectoryHandler) for this object.

Property Name	Value
Notes:	<p>Having the type here is mainly for efficiency - it would be possible to query the other tables to find which had this same object id, but that is more expensive.</p> <p>Values:</p> <p>0: Reserved - not assigned to an object.</p> <p>1: User account type.</p> <p>10: Template for creating a new user.</p> <p>100: Group owned by a Unity user.</p> <p>102: Personal address book type information for persons who are not Unity voice mail users.</p> <p>103: System call routing rule.</p> <p>11: Credential (i.e., password) policy for user accounts.</p> <p>12: A table containing a list of phone numbers subscribers can use for transferring calls, recording and playback by phone from Cisco Unity Connection applications, delivering faxes to a fax machine, and sending message notifications.</p> <p>13: A collection of privileges that control administrative access to the system.</p> <p>14: Discrete rights granted to perform an operation on a type of resource.</p> <p>15: Grants a user a Role in a particular area.</p> <p>16:</p> <p>17: Associates a user as a member of a system PDL.</p> <p>18:</p> <p>19:</p> <p>2: System distribution list.</p> <p>20: Unknown object type.</p> <p>21: User that has a subscription to a voice mail service and as such also is assigned at least one mailbox.</p> <p>22: A user in a remote mail system.</p> <p>3: CallHandler</p> <p>5: Special case call handler that asks the caller up to 20 questions.</p> <p>6: Directory Handler used to search a subset of the directory. Formerly referred to as "NameLookupHandler."</p> <p>64: Holds members of a voice mail user's private distribution list.</p> <p>65: Transfer rule for contacting a voice mail user. Formerly referred to as "Contact Rule."</p> <p>66: Defines the greeting to play and the action to take for a call handler. Formerly referred to as "Messaging Rule."</p> <p>67: Touch-tone menu entry for a call handler.</p> <p>68: The number or number pattern to be locked or allowed in Restriction table.</p> <p>69: A question associated with an interview handler.</p> <p>7: A schedule.</p> <p>70: Special type of notification device used to set/clear message waiting indication on phone.</p> <p>71: Set of parameters for phone, fax or pager for notification of new messages.</p> <p>72: Specifies when and which notification device is used for notification of a new message.</p> <p>8: Class of service.</p> <p>9:</p> <p>95: VPIM location.</p> <p>97: Bridge location.</p> <p>98: AMIS location.</p> <p>99: A Virtual Messaging System (VMS) location.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.ObjectType
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	3
Custom Type:	ObjectType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Used to prevent the deletion of factory defaults such as the "Opening Greeting" call handler. 0: The handler can be deleted by an administrator (with the required privilege) via an administrative application such as Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager. 1: The handler cannot be deleted by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag allows that language to be the language used by handlers in the system to play prompts for users. Values: 0: Do not use the language specified by the system call routing rule to play prompts for users 1: Use the language specified by the system call routing rule to play prompts for users
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.UseCallLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via url, but the url-path is constructed from the filename dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

5.79. vw_HandlerReference

Returns references to handlers from other objects.

Additional Information

The intended use is with a "WHERE ObjectId=xxx" clause, to search for references to a particular handler.

This view is used by CUSA when deleting a user for reference substitution.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	Display name of object that references the handler.	DisplayName
PK	ObjectId	char (36 characters)	Unique identifier of the handler that is referenced by an object.	ObjectID
	ReferenceType	nvarchar (24 characters)	Type of reference (e.g., After Greeting, After Message, etc.)	Subscriber-Reference-Type
	ReferrerObjectId	char (36 characters)	Unique identifier of the object that refers to the handler identified by the ObjectId column.	ObjectID
	ReferrerObjectType	smallint (2 bytes)	Type of the object that refers to this handler.	ObjectType

Stored Procedures

vw_HandlerReference has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	Display name of object that references the handler.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Unique identifier of the handler that is referenced by an object.
Notes:	When other tables want to reference a row in this table, this is the value used to do it.
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Handler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReferenceType

Property Name	Value
Description:	Type of reference (e.g., After Greeting, After Message, etc.)
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	SubscriberReferenceType
SQL Data Type/Length:	nvarchar (24 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ReferrerObjectId

Property Name	Value
Description:	Unique identifier of the object that refers to the handler identified by the ObjectId column.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReferrerObjectType

Property Name	Value
Description:	Type of the object that refers to this handler.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.80. vw_InstalledLanguage

A simple view for tbl_InstalledLanguage.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	IsLicensed	smallint (2 bytes)	A derived column that tells if a language is licensed on this box. "1" for yes and "0" for no.	Bool
PK	LanguageCode	int (4 bytes)	The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.	Language-Code
PK	LanguageType	int (4 bytes)	The type of language (TUI, GUI, etc.)	Language-Type
	Loaded	smallint (2 bytes)	A flag indicating whether this language is loaded at run time.	Bool

Stored Procedures

Name	Description
csp_InstalledLanguageCreate	Creates a new InstalledLanguage object by inserting a new row into tbl_InstalledLanguage.
csp_InstalledLanguageDelete	Deletes a InstalledLanguage object from tbl_InstalledLanguage as specified by the combination of the @LanguageCode and @LanguageType parameters.
csp_InstalledLanguageModify	Updates the attributes of an InstalledLanguage object based on the values passed in via the parameters. The @LanguageCode and @LanguageType parameters identify the InstalledLanguage object that will be updated.

Column Properties

IsLicensed

Property Name	Value
Description:	A derived column that tells if a language is licensed on this box. "1" for yes and "0" for no.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.

Property Name	Value
Notes:	Values: 10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073 1074: Tswana 1074 1076: Xhosa 1076 1077: Zulu 1077

Property Name	Value
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067
	2068: Norwegian_Nynorsk 2068
	2070: Portuguese_Standard 2070
	2072: Romanian (Moldavia) 2072

Property Name	Value
	2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InstalledLanguage.LanguageCode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageType

Property Name	Value
Description:	The type of language (TUI, GUI, etc.)
Notes:	Values: 0: TUI 1: GUI 2: VUI 3: TTS
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InstalledLanguage.LanguageType
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Loaded

Property Name	Value
Description:	A flag indicating whether this language is loaded at run time.
Notes:	Any number of languages may be installed, but the license limits those that may be utilized at run time (loaded). Values: 0: This language is not loaded at run time 1: This language is loaded at run time
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_InstalledLanguage.Loaded
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.81. vw_InterviewHandler

A type of Handler object that collects information from callers by playing a series of questions that have been recorded, and then recording the answers offered by callers.

Additional Information

This view is comprised of the columns in the tbl_Handler and tbl_InterviewHandler tables.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AfterMessage_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	AfterMessage_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	AfterMessage_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	AfterMessageCallActionObjectId	char (36 characters)	The unique identifier of the CallAction object that Cisco Unity Connection performs after an unidentified caller leaves a message for an interview handler.	ObjectID
	CreationTime	datetime (8 bytes)	The date and time the handler is created.	
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId
	Language	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.	Language-Code
	LocationObjectId	char (36 characters)	The unique identifier of the Location object to which this handler belongs.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generate identifier for a InterviewHandler object.	ObjectID
	Recipient_DistributionListObjectId	char (36 characters)	The unique identifier of the DistributionList object where the recorded message of the interview handler should be routed.	ObjectID
	Recipient_SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object where the recorded message of the interview handler should be routed.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	SendUrgentMsg	smallint (2 bytes)	A flag indicating whether an unidentified caller is given a choice to mark a message as Urgent or Normal, or if not given the choice, whether the message is always marked Normal (default value) or Urgent.	SendUrgentInterviewMsg
	StreamFileObjectId	char (36 characters)	The unique identifier of the StreamFile object that contains the voice file name for this handler.	ObjectId
	Undeletable	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseCallLanguage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this interview handler is derived from the interview handler object attribute or the default language from the location to which the interview handler belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_InterviewHandlerCreate	Creates a new InterviewHandler object by inserting a new row into tbl_InterviewHandler. This procedure also creates several other objects: * The after message action by inserting a new row into tbl_CallAction * A new handler by inserting a new row into tbl_Handler * Twenty empty interview handler questions by inserting 20 new rows into tbl_InterviewHandlerQuestion * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.
csp_InterviewHandlerDelete	Deletes an InterviewHandler object from tbl_InterviewHandler as specified by the @ObjectId parameter. This procedure also deletes several objects related to an InterviewHandler object: * The parent Handler object is deleted from tbl_Handler. (The FK cascade delete will actually delete the InterviewHandler along with all InterviewHandlerQuestions assigned to the InterviewHandler.) * The associated aftermessageaction is deleted from tbl_CallAction. * If there is an extension number assigned to the InterviewHandler, the related DtmfAccessId object is deleted from tbl_DtmfAccessId. * If the InterviewHandler has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.

Name	Description
csp_InterviewHandlerModify	Updates the attributes of an InterviewHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the InterviewHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.

Column Properties

AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterMessageCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection performs after an unidentified caller leaves a message for an interview handler.
Notes:	This value references a tbl_CallAction->ObjectId. Possible actions are: <ul style="list-style-type: none"> * Say good-bye * Send caller to another call handler * Send caller to a directory handler * Send caller to an interview handler * Send caller to a greetings administrator * Send caller to sign-in i.e., subscriber logon conversation * Hang-up * Send caller to a subscriber * Send caller to a subscriber system transfer
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InterviewHandler.AfterMessageCallActionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the handler is created.
Notes:	
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Table/Column Mapping:	tbl_Handler.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-\.\@\,\;\+\ \%\?'\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.

Property Name	Value
Notes:	<p>This is the Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>A value of NULL means the language is inherited. If inherited is selected, Cisco Unity Connection determines the language to use for system prompts on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to Inherited for every rule and handler that processes a call, then the system prompts are played in the default phone language. For instance, if the call came in and hit an opening greeting that was set to 1033 for US English, that call is considered US English until it hits another object in the database that has a language setting other than NULL for inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063</p>

Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.Language

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	Although for Cisco Unity Connection, only one primary location per VMS is supported, in a subsequent 5.x product release, multiple location objects per VMS are planned to provide multi-tenant capabilities.
Table/Column Mapping:	tbl_Handler.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generate identifier for a InterviewHandler object.
Notes:	The value of this objectid is the same as the tbl_Handler.ObjectId column in the tbl_Handler base table.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InterviewHandler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_DistributionListObjectid

Property Name	Value
Description:	The unique identifier of the DistributionList object where the recorded message of the interview handler should be routed.
Notes:	
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Table/Column Mapping:	tbl_InterviewHandler.Recipient_DistributionListObjectid
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recipient_SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object where the recorded message of the interview handler should be routed.
Notes:	
Business Rules:	Only one Recipient_ column may be filled in.
Developer Notes:	
Table/Column Mapping:	tbl_InterviewHandler.Recipient_SubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller is given a choice to mark a message as Urgent or Normal, or if not given the choice, whether the message is always marked Normal (default value) or Urgent.
Notes:	Values: 0: Normal - interview messages left by unidentified calls are always marked normal. 1: Urgent - all interview messages left by unidentified calls are always marked urgent. 2: Ask - Cisco Unity Connection asks unidentified callers whether to mark their interview messages normal or urgent.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InterviewHandler.SendUrgentMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	SendUrgentInterviewMsg
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that contains the voice file name for this handler.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.StreamFileObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Used to prevent the deletion of factory defaults such as the "Opening Greeting" call handler. 0: The handler can be deleted by an administrator (with the required privilege) via an administrative application such as Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager. 1: The handler cannot be deleted by an administrator via Cisco Unity Connection Administration or Cisco Unity Connection Bulk Administration Manager.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_Handler.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag allows that language to be the language used by handlers in the system to play prompts for users. Values: 0: Do not use the language specified by the system call routing rule to play prompts for users 1: Use the language specified by the system call routing rule to play prompts for users
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.UseCallLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this interview handler is derived from the interview handler object attribute or the default language from the location to which the interview handler belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via url, but the url-path is constructed from the filename dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

5.82. vw_InterviewHandler_List

A narrow view of a interview handler. This view provides a list of all interview handlers, which is used by CUSA to provide list of interview handlers in drop-down lists. It contains only the ObjectId and DisplayName for each interview handler.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generate identifier for a InterviewHandler object.	ObjectID

Stored Procedures

vw_InterviewHandler_List has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generate identifier for a InterviewHandler object.
Notes:	The value of this objectId is the same as the objectId of its associated base object in tbl_Handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InterviewHandler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.83. vw_InterviewHandlerQuestion

A simple view for tbl_InterviewQuestion.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	InterviewHandlerObject-Id	char (36 characters)	The unique identifier of the InterviewHandler object to which this interview question belongs.	ObjectID
	IsActive	smallint (2 bytes)	A flag indicating whether the question is used.	Bool
	MaxMsgLength	smallint (2 bytes)	The maximum recording length (in seconds) allowed for caller responses to the question.	
PK	QuestionNumber	smallint (2 bytes)	The interview question number. Questions are numbered from 1 to 20.	
	StreamText	lvarchar (256 characters)	The complete text of the question used for display purposes.	
	VoiceFile	varchar (40 characters)		FileNameGuid

Stored Procedures

Name	Description
csp_InterviewHandlerQuestionModify	Updates the attributes of an InterviewHandlerQuestion object based on the values passed in via the parameters. The combination of the @InterviewHandlerObjectId and @QuestionNumber parameters identify the InterviewHandlerQuestion object that will be updated. This procedure will also update the VoiceFile (StreamFile object), if the parameter @VoiceFile is passed in.

Column Properties

InterviewHandlerObjectId

Property Name	Value
Description:	The unique identifier of the InterviewHandler object to which this interview question belongs.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InterviewQuestion.InterviewHandlerObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActive

Property Name	Value
Description:	A flag indicating whether the question is used.
Notes:	Values: 0: The question is not in use or not recorded and should not be played. 1: The question is active and will be used.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InterviewQuestion.IsActive
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMsgLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed for caller responses to the question.
Notes:	If enabled, a warning tone will sound before the maximum message length is reached.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InterviewQuestion.MaxMsgLength
Primary Key:	False
Allow Null:	False
Default Value:	30
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

QuestionNumber

Property Name	Value
Description:	The interview question number. Questions are numbered from 1 to 20.
Notes:	A sequential index for this object within the particular interview handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InterviewQuestion.QuestionNumber
Primary Key:	True
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	20

StreamText

Property Name	Value
Description:	The complete text of the question used for display purposes.
Notes:	Defaults to the index ("1", "2", etc.)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_InterviewQuestion.StreamText
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceFile

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.84. vw_IpAddressAccessList

Simple view for tbl_IpAddressAccessList table.

An IP address or group of IP addresses that is allowed to connect to the SMTP server. The SMTP server can be configured to: allow connections from any IP address, deny connections from any IP address, allow connections from an explicit IP address or group of IP addresses, or to allow connections from all IP addresses EXCEPT those explicitly specified to deny.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Address	varchar (40 characters)	Either the IP address for a single machine, a subnet address for a group of machines, or all addresses in the IPv4 address range (signified by "*"). The address may be in the format of IPv4, IPv4 CIDR (Classless Inter-Domain Routing) , or an asterisk ("*") character which means all IP addresses in the IPv4 range.	
	AllowConnection	smallint (2 bytes)	A flag indicating whether the SMTP server to which this row belongs, will allow or deny connections from this IP address/group of IP addresses. Values: 0: Deny connections from this IP address/group of IP addresses 1: Allow connections from this IP address/group of IP addresses (default)	Bool
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a IPAddressRestriction object.	ObjectID
	SmtpServerObjectId	char (36 characters)	The unique identifier of the SMTPServer to which this IP address belongs. A Foreign Key to tbl_SmtpServer.ObjectId.	ObjectID

Stored Procedures

Name	Description
csp_IpAddressAccessListCreate	Create an entry in the access list that will allow or deny connections for the SMTP servers on this system from a single address or group of addresses.
csp_IpAddressAccessListDelete	Remove an entry for the access list.

Name	Description
csp_IpAddressAccessListModify	Modify an entry in the access list that will allow or deny connections for the SMTP servers on this system from a single address or group of addresses.

Column Properties

Address

Property Name	Value
Description:	Either the IP address for a single machine, a subnet address for a group of machines, or all addresses in the IPv4 address range (signified by "*"). The address may be in the format of IPv4, IPv4 CIDR (Classless Inter-Domain Routing) , or an asterisk (*) character which means all IP addresses in the IPv4 range.
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	An ip address in CIDR notation with a of /0 is not supported. To indicate ALL ip addresses in the IPv4 address range, an "*" is used.
Table/Column Mapping:	tbl_IpAddressAccessList.Address
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	^0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])((/([1-9] 1[0-9] 2[0-9] 3[0-2]))?)[*]\$
Validation - Description:	Either: * IPv4 Address= X.X.X.X where X= 0..255. (Leading zeros allowed). * IPv4 CIDR notation consisting of IPv4/N where N=1..32 * An asterisk (*) character which means allow all addressesd.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AllowConnection

Property Name	Value
Description:	A flag indicating whether the SMTP server to which this row belongs, will allow or deny connections from this IP address/group of IP addresses. Values: 0: Deny connections from this IP address/group of IP addresses 1: Allow connections from this IP address/group of IP addresses (default)
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_IpAddressAccessList.AllowConnection
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a IPAddressRestriction object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_IpAddressAccessList.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtServerObjectId

Property Name	Value
Description:	The unique identifier of the SMTPServer to which this IP address belongs. A Foreign Key to tbl_SmtServer.ObjectId.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_IpAddressAccessList.SmtServerObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.85. vw_IpAddressAccessList_Composite

This view shows a subset of information from tbl_IpAddressAccess List, plus some derived IP address access information from tbl_LocationVPIM. This is based on the policy that all VPIM locations with specified IP addresses should automatically be granted access to the default SMTP server instance.

Additional Information

Currently the ObjectId for the SmtServerObjectId for the derived part of the query comes from the default display name of the smtp server. If this changes, then this view will not display all the correct information.

In the future, we will probably need some mechanism to decide which version of the smtp server is the "default" one or some other way to generate this view. However, for L1 this is not necessary.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Address	varchar (40 characters)	Either the IP address for a single machine, a subnet address for a group of machines, or all addresses in the IPv4 address range (signified by "*"). The address may be in the format of IPv4, IPv4 CIDR (Classless Inter-Domain Routing) , or an asterisk ("*") character which means all IP addresses in the IPv4 range.	
	AllowConnection	smallint (2 bytes)	A flag indicating whether the SMTP server to which this row belongs, will allow or deny connections from this IP address/group of IP addresses. Values: 0: Deny connections from this IP address/group of IP addresses 1: Allow connections from this IP address/group of IP addresses (default)	Bool
	SmtServerObjectId	char (36 characters)	The unique identifier of the SMTPServer to which this IP address belongs. A Foreign Key to tbl_SmtServer.ObjectId.	ObjectID

Stored Procedures

Name	Description
csp_IpAddressAccessListCreate	Create an entry in the access list that will allow or deny connections for the SMTP servers on this system from a single address or group of addresses.
csp_IpAddressAccessListDelete	Remove an entry for the access list.

Name	Description
csp_IpAddressAccessListModify	Modify an entry in the access list that will allow or deny connections for the SMTP servers on this system from a single address or group of addresses.
csp_LocationVPIMCreate	Creates a new LocationVPIM object by inserting a new row into tbl_LocationVPIM. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVPIMDelete	Deletes a LocationVPIM object from tbl_LocationVPIM as specified by the @ObjectId parameter.
csp_LocationVPIMModify	Updates the attributes of a LocationVPIM object and those attributes of a Location object relevant based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVPIM and Location objects that are updated.

Column Properties

Address

Property Name	Value
Description:	Either the IP address for a single machine, a subnet address for a group of machines, or all addresses in the IPv4 address range (signified by "*"). The address may be in the format of IPv4, IPv4 CIDR (Classless Inter-Domain Routing) , or an asterisk (*) character which means all IP addresses in the IPv4 range.
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	An ip address in CIDR notation with a of /0 is not supported. To indicate ALL ip addresses in the IPv4 address range, an "*" is used.
Table/Column Mapping:	tbl_IpAddressAccessList.Address
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	^0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])((/([1-9] 1[0-9] 2[0-9] 3[0-2]))?)[*]\$
Validation - Description:	Either: * IPv4 Address= X.X.X.X where X= 0..255. (Leading zeros allowed). * IPv4 CIDR notation consisting of IPv4/N where N=1..32 * An asterisk (*) character which means allow all addressesd.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AllowConnection

Property Name	Value
Description:	A flag indicating whether the SMTP server to which this row belongs, will allow or deny connections from this IP address/group of IP addresses. Values: 0: Deny connections from this IP address/group of IP addresses 1: Allow connections from this IP address/group of IP addresses (default)
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_IpAddressAccessList.AllowConnection
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtServerObjectId

Property Name	Value
Description:	The unique identifier of the SMTPServer to which this IP address belongs. A Foreign Key to tbl_SmtServer.ObjectId .
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_IpAddressAccessList.SmtServerObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.86. vw_IPPortReservation

A simple view for tbl_IPPortReservation.
A range of IP ports reserved for specific purposes.

Additional Information

The following two rows are inserted by Unity setup:

- * Purpose=SIP, min/max=5060/5300, VMSServerObjectId=NULL
- * Purpose=RTPRTCP, min/max=24576/32768, VMSServerObjectId=NULL

The SIP row constrains the SIP ports that you can assign to a port group (see tbl_MediaPortGroupIPPort).

The min/max range in the RTPRTCP row is used to configure avaudio.sys, which reads its settings from the registry. Note: 24576=0x6000 and 32768=0x8000.

There can be more than one IP range per purpose/VMS combination, but the ranges cannot overlap.

Business Rules

1. The MinIPPort value must not exceed the value of MaxIPPort.
2. The following TCP/IP port resources shall be reserved on a VMS by default:
SIP/PIMG call control: 5060-5300
RTP/RTCP SCCP: 24576-32768
RTP/RTCP ASR: 32784-33084
RTP/RTCP TTS: 33184-33484
RTP/RTCP SIP/PIMG voice: 22800-24575

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	MaxIPPort	int (4 bytes)	The upper boundary of the IP port range.	
	MinIPPort	int (4 bytes)	The lower boundary of the IP port range.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a IPPortReservation object.	ObjectID
	Purpose	smallint (2 bytes)	The purpose for which ports in this range can be used.	IPPortPurpose
	VmsServerObjectId	char (36 characters)	The unique identifier of the VMSServer object to which this range applies.	ObjectID

Stored Procedures

Name	Description
csp_IPPortReservationCreate	Creates a new IPPortReservation object by inserting a new row into tbl_IPPortReservation. A IPPortReservation object consists of a range of IP ports that are reserved for specific purposes such as reserving IP ports 5060-5300 for SIP.

Name	Description
csp_IPPortReservationDelete	Deletes a IPPortReservation object from tbl_IPPortReservation as specified by the @ObjectId parameter.
csp_IPPortReservationModify	Updates the attributes of a IPPortReservation object based on the values passed in via the parameters. The @ObjectId parameter identifies the IPPortReservation object that is updated.

Column Properties

MaxIPPort

Property Name	Value
Description:	The upper boundary of the IP port range.
Notes:	
Business Rules:	Range: 0-65535.
Developer Notes:	
Table/Column Mapping:	tbl_IPPortReservation.MaxIPPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

MinIPPort

Property Name	Value
Description:	The lower boundary of the IP port range.
Notes:	
Business Rules:	Range: 0-65535.
Developer Notes:	
Table/Column Mapping:	tbl_IPPortReservation.MinIPPort
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a IPPortReservation object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_IPPortReservation.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Purpose

Property Name	Value
Description:	The purpose for which ports in this range can be used.

Property Name	Value
Notes:	Values: 505: Incoming SIP call control to establish media session 506: Outgoing SIP UDP 507: RTP and RTCP 508: All SMTP traffic
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_IPPortReservation.Purpose
Primary Key:	False
Allow Null:	False
Default Value:	500
Custom Type:	IPPortPurpose
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object to which this range applies.
Notes:	FK to VMSServer.ObjectId
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_IPPortReservation.VmsServerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.87. vw_LanguageMap

Simple view for tbl_LanguageMap

Maintains a mapping of language code to language abbreviation.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	LanguageAbbreviation	varchar (3 characters)	Three letter language abbreviation such as "ENU"	
PK	LanguageCode	int (4 bytes)	LanguageCode (LCID)	Language-Code
	LanguageTag	varchar (10 characters)	The locale identification expressed as a combination of the ISO language and country codes separated by a hyphen. The format used is <ll>-<CC> where <ll> is the lowercase ISO language code and <CC> is the uppercase ISO country code. e.g. fr-FR, fr-CH, fr-CA .	

Stored Procedures

vw_LanguageMap has no stored procedures.

Column Properties

LanguageAbbreviation

Property Name	Value
Description:	Three letter language abbreviation such as "ENU"
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LanguageMap.LanguageAbbreviation
Primary Key:	True
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	varchar (3 characters)
Validation - Expression:	[A-Z]{3,3}
Validation - Description:	Three letters (uppercase)
Validation - Minimum Length:	3 characters
Validation - Maximum Length:	3 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	LanguageCode (LCID)

Property Name	Value
Notes:	Values: 10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073 1074: Tswana 1074 1076: Xhosa 1076 1077: Zulu 1077

Property Name	Value
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067
	2068: Norwegian_Nynorsk 2068
	2070: Portuguese_Standard 2070
	2072: Romanian (Moldavia) 2072

Property Name	Value
	2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LanguageMap.LanguageCode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageTag

Property Name	Value
Description:	The locale identification expressed as a combination of the ISO language and country codes separated by a hyphen. The format used is <ll>-<CC> where <ll> is the lowercase ISO language code and <CC> is the uppercase ISO country code. e.g. fr-FR, fr-CH, fr-CA .
Notes:	In some instances, a ISO 639-1 alpha-2 code <ll> is not available. In this case a ISO 639-2 alpha-3 code <lll> is used.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LanguageMap.LanguageTag
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (10 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	12 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.88. vw_LicenseCount

Calculates current license usage counts.

Additional Information

This is for general reference only, it is not the authoritative source of licensing information (that is the licensing component).

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	ComplianceType	int (4 bytes)	Type of license evaluation for compliance.	LicenseComplianceType
	Count	int (4 bytes)	The number of licensed items being used or NULL if not applicable	
	Limit	int (4 bytes)	The limit on the feature as set by the license files. It is a number specifying the count or the enabled/disabled state of the feature.	
PK	TagName	varchar (64 characters)	The tag or feature name.	

Stored Procedures

vw_LicenseCount has no stored procedures.

Column Properties

ComplianceType

Property Name	Value
Description:	Type of license evaluation for compliance.
Notes:	Values: 0: Not evaluated 1: Usage does not exceed the limit 2: Limit is positive and usage does not exceed it 3: Limit of 0 specifies that the usage is not allowed, other wise allowed
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.ComplianceType
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	LicenseComplianceType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Count

Property Name	Value
Description:	The number of licensed items being used or NULL if not applicable
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Limit

Property Name	Value
Description:	The limit on the feature as set by the license files. It is a number specifying the count or the enabled/disabled state of the feature.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.Limit
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TagName

Property Name	Value
Description:	The tag or feature name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.TagName
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.89. vw_LicenseFileStatus

Simple view for tbl_LicenseFileStatus

Maintains the status of one or more license files for this particular system.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	FileName	varchar (64 characters)	Name of the license file (not including path).	
	Installed	smallint (2 bytes)	Indicates if license file is installed.	Bool
	Summary	varchar (254 characters)	The reason the install of the file failed (if any).	

Stored Procedures

Name	Description
csp_LicenseFileStatusCreate	Creates a new LicenseFileStatus object by inserting a new row into tbl_LicenseFileStatus.
csp_LicenseFileStatusDelete	Deletes a LicenseFileStatus object from tbl_LicenseFileStatus as specified by the @FileName parameter.
csp_LicenseFileStatusModify	Updates the attributes of a LicenseFileStatus object based on the values passed in via the parameters. The @FileName parameter identifies the LicenseFileStatus object that is updated.

Column Properties

FileName

Property Name	Value
Description:	Name of the license file (not including path).
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseFileStatus.FileName

Property Name	Value
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Installed

Property Name	Value
Description:	Indicates if license file is installed.
Notes:	If license file is not installed there may have been a failure. Details of failure are stored in the Summary column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseFileStatus.Installed
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Summary

Property Name	Value
Description:	The reason the install of the file failed (if any).
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseFileStatus.Summary
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	254 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.90. vw_LicenseStatus

Simple view for tbl_LicenseStatus

Maintains the overall status of the license features, which are an amalgamation of entries from one or more license files.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	ComplianceTime	datetime (8 bytes)	The last time when this feature was compliant.	
	ComplianceType	int (4 bytes)	Type of license evaluation for compliance.	LicenseComplianceType
	LastRestartTime	datetime (8 bytes)	The time when the process related to the feature was last restarted.	
	Limit	int (4 bytes)	The limit on the feature as set by the license files. It is a number specifying the count or the enabled/disabled state of the feature.	
	NextExpiryTime	datetime (8 bytes)	The next expiry time for this feature as per the license tags for this feature.	
	Overdraft	int (4 bytes)	Overdraft.	
	RestartLimit	int (4 bytes)	The limit which will be effective after the process related to the feature is restarted.	
	Status	int (4 bytes)	The status value of this license feature.	LicenseStatus
PK	TagName	varchar (64 characters)	The tag or feature name.	
	Usage	int (4 bytes)	The current usage of the feature in the system. It is a number specifying the current usage count or if the feature is in use.	

Stored Procedures

Name	Description
csp_LicenseStatusCreate	Creates a new LicenseStatus object by inserting a new row into tbl_LicenseStatus.
csp_LicenseStatusDelete	Deletes a LicenseStatus object from tbl_LicenseStatus as specified by the @TagName parameter.
csp_LicenseStatusModify	Updates the attributes of a LicenseStatus object based on the values passed in via the parameters. The @TagName parameter identifies the LicenseStatus object that is updated.

Column Properties

ComplianceTime

Property Name	Value
Description:	The last time when this feature was compliant.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.ComplianceTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ComplianceType

Property Name	Value
Description:	Type of license evaluation for compliance.
Notes:	Values: 0: Not evaluated 1: Usage does not exceed the limit 2: Limit is positive and usage does not exceed it 3: Limit of 0 specifies that the usage is not allowed, other wise allowed
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.ComplianceType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	LicenseComplianceType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastRestartTime

Property Name	Value
Description:	The time when the process related to the feature was last restarted.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.LastRestartTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Limit

Property Name	Value
Description:	The limit on the feature as set by the license files. It is a number specifying the count or the enabled/disabled state of the feature.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.Limit
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NextExpiryTime

Property Name	Value
Description:	The next expiry time for this feature as per the license tags for this feature.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.NextExpiryTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Overdraft

Property Name	Value
Description:	Overdraft.
Notes:	Not currently used - for future use.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.Overdraft

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RestartLimit

Property Name	Value
Description:	The limit which will be effective after the process related to the feature is restarted.
Notes:	For example, the VoicePortMax limit will be effective only after restarting the CuCsMgr
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.RestartLimit
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Status

Property Name	Value
Description:	The status value of this license feature.

Property Name	Value
Notes:	Values: 0: Unknown - not evaluated 1: Evaluated and is valid 2: Violated - system will shutdown after grace period expires since ComplianceTime 3: Grace period has expired and system will be shutdown
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.Status
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	LicenseStatus
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TagName

Property Name	Value
Description:	The tag or feature name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.TagName
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Usage

Property Name	Value
Description:	The current usage of the feature in the system. It is a number specifying the current usage count or 1 if the feature is in use.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LicenseStatus.Usage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.91. vw_LocalizedText

A simple view for tbl_LocalizedText.

Text localized for specific immutable strings used in the administration interface.

Additional Information

Besides storing the localized text for immutable strings such as the localized names of user privileges or localized names of VMS server templates and roles, this table is also used to store the localized strings for items in the administrative interface that are added dynamically to a system. Currently there are only two things in the administrative interface that require this capability:

- * Subscriber conversation names, e.g. "Standard Conversation," "Optional Conversation 1"
- * Routable conversation names, e.g. user input keys, after message actions, after greeting actions, exit actions, etc.

This table is normally populated during system install.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	LanguageCode	int (4 bytes)	The language code (LCID) indicating the language of the text in the LocalizedName column.	Language-Code
PK	LocalizationKey	varchar (192 characters)	A familiar name referenced by other tables to obtain the localized name.	
	LocalizedName	lvarchar (1024 characters)	The localized version of the string.	

Stored Procedures

vw_LocalizedText has no stored procedures.

Column Properties

LanguageCode

Property Name	Value
Description:	The language code (LCID) indicating the language of the text in the LocalizedName column.

Property Name	Value
Notes:	<p>The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241</p> <p>10249: English_Belize 10249</p> <p>1025: Arabic_Saudi_Arabia 1025</p> <p>10250: Spanish_Peru 10250</p> <p>1026: Bulgarian 1026</p> <p>1027: Catalan 1027</p> <p>1028: Chinese_Taiwan 1028</p> <p>1029: Czech 1029</p> <p>1030: Danish 1030</p> <p>1031: German_Standard 1031</p> <p>1032: Greek 1032</p> <p>1033: English_United_States 1033</p> <p>1034: Spanish_Traditional_Sort 1034</p> <p>1035: Finnish 1035</p> <p>1036: French_Standard 1036</p> <p>1037: Hebrew 1037</p> <p>1038: Hungarian 1038</p> <p>1039: Icelandic 1039</p> <p>1040: Italian_Standard 1040</p> <p>1041: Japanese 1041</p> <p>1042: Korean 1042</p> <p>1043: Dutch_Standard 1043</p> <p>1044: Norwegian_Bokmal 1044</p> <p>1045: Polish 1045</p> <p>1046: Portuguese_Brazilian 1046</p> <p>1047: Rhaeto-Romanic 1047</p> <p>1048: Romanian 1048</p> <p>1049: Russian 1049</p> <p>1050: Croatian 1050</p> <p>1051: Slovak 1051</p> <p>1052: Albanian 1052</p> <p>1053: Swedish 1053</p> <p>1054: Thai 1054</p> <p>1055: Turkish 1055</p> <p>1056: Urdu 1056</p> <p>1057: Indonesian 1057</p> <p>1058: Ukrainian 1058</p> <p>1059: Belarusian 1059</p> <p>1060: Slovenian 1060</p> <p>1061: Estonian 1061</p> <p>1062: Latvian 1062</p> <p>1063: Lithuanian 1063</p> <p>1065: Farsi 1065</p> <p>1066: Vietnamese 1066</p> <p>1067: Armenian 1067</p> <p>1068: Azeri_Latin 1068</p> <p>1069: Basque 1069</p> <p>1070: Sorbian 1070</p> <p>1071: Macedonian 1071</p> <p>1072: Sutu 1072</p> <p>1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LanguageCode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalizationKey

Property Name	Value
Description:	A familiar name referenced by other tables to obtain the localized name.
Notes:	
Business Rules:	LocalizationKey can only occur once in any given language.
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LocalizationKey
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (192 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode or ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	192 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalizedName

Property Name	Value
Description:	The localized version of the string.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LocalizedName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	nvarchar (1024 characters)
Validation - Expression:	^[^\x00-\x1F\x7F\x0A\x0D]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	1024 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.92. vw_LocalVms

A recordset containing the properties of the local location VMS.

Additional Information

In K1, there is **only** the local VMS.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AddressingMaxScope	smallint (2 bytes)	<p>The scope (e.g., local VMS, dialing domain, entire Unity organization) of the search that Cisco Unity Connection performs when searching for a matching extension in the following cases:</p> <ul style="list-style-type: none"> * When a subscriber addresses a message by using the phone. * When subscribers add members to private lists by using the phone or the Cisco Unity Connection Assistant. * When an administrator adds members to system or personal distribution lists by using the Cisco Unity Connection Administration. * When Cisco Unity Connection looks up the recipient for an incoming AMIS message. 	Addressing-MaxScope
	AgcTargetDb	smallint (2 bytes)	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.	
	AllowBlindAddressing	smallint (2 bytes)	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.	Bool
	BlindAddressingMax-Scope	smallint (2 bytes)	The scope (e.g., none, local VMS server, dialing domain, entire Unity organization) of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.	BlindAddressingMaxScope
	DefaultLanguage	int (4 bytes)	Default language for subscribers and call handlers.	Language-Code
	DefaultTTSLanguage	int (4 bytes)	Default language to use for TTS playback.	Language-Code

Key	Name	SQL Data Type/Length	Description	Custom Type
	DefaultWaveFormatObjectId	char (36 characters)	The unique identifier of the WaveFormat object that specifies the wave format in which recorded messages are stored if the requested format is not available on the system.	ObjectID
	DestinationType	int (4 bytes)	For delivery locations, the destination type for that location, e.g. SMTP, AMIS, VPIM, Bridge.	Destination-Type
	DialingDomainName	nvarchar (40 characters)	The name of the dialing domain of which this location is a member.	
	DisplayName	nvarchar (64 characters)	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The DTMF access id for the location.	DtmfAccessId
	DtmfName	varchar (16 characters)	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the location. These digits are used for searching the location by name via the phone.	DtmfName
	IncludeLocations	smallint (2 bytes)	A flag indicating whether locations are included in searches. If set on the LocationVMS, the conversation will include locations in the search results.	Bool
	IsPrimary	smallint (2 bytes)	A flag indicating whether this location object is the "primary" location, which cannot be deleted. (Used to prevent deletion of factory defaults.)	Bool
	KeypadMapId	smallint (2 bytes)	The keypad map used by this location. The keypad map specifies the numeric keys to which the letters Q and Z are assigned to on the phone. This is specified during Cisco Unity Connection setup.	KeypadMap
	LastLicenseEvalTime	datetime (8 bytes)	The last time the license evaluation was done.	
	LocalPhonePrefix	nvarchar (64 characters)	<p>The number that is used to construct addresses for Cisco Unity Connection subscribers who send messages to individuals who use the voice messaging system that corresponds to this delivery location.</p> <p>On outgoing messages from Cisco Unity Connection subscribes to subscribers at this VPIM location, the prefix is added to the beginning of the sender mailbox number to form the From address.</p> <p>On incoming messages to Cisco Unity Connection subscribers from subscribers at this VPIM location, the prefix is removed from the beginning of the recipient mailbox number to form the To address.</p>	
	MaxContacts	int (4 bytes)	The maximum number of contacts that can be created for this location.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	MaxGreetingLength	int (4 bytes)	The maximum length (in seconds) allowed for recording a system greeting.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a LocationVMS object.	ObjectID
	OverallLicenseState	int (4 bytes)	Specifies the overall license state. It is valid if none of the license feature is in shutdown state. When this state becomes shutdown, the application will be shutdown.	LicenseStatus
	SkinnyLocalCACertificate	lvvarchar (8000 characters)	The X.509 certificate formatted as a PEM format string (base-64 encoded).	
	SkinnyLocalCACertificateFileName	nvarchar (40 characters)	The file name that should be assigned to the SkinnyLocalCACertificate to install the certificate on the Cisco Unified Communications Manager server(s). Installing the certificate on the CCM servers causes CCM to trust any Skinny device certificates signed by it, which is what we need to establish TLS Skinny connections to the CCM servers in the cluster.	
	SkinnyLocal-CAPrivateKey	lvvarchar (8000 characters)	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).	
	SmtpDomain	varchar (255 characters)	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtAddress).	DomainName
	SmtpSmartHost	varchar (40 characters)	IP address or host name of SMTP smart host.	
	TimeZone	int (4 bytes)	The TimeZone associated with this VMS.	
	TransferDialString	nvarchar (128 characters)	The phone number that a local Cisco Unity Connection VMS server dials to transfer a call to this Cisco Unity Connection VMS server.	
	TransferNumberOfRings	int (4 bytes)	The number of rings the local Cisco Unity Connection VMS server waits for this Cisco Unity Connection VMS server to answer. If this Cisco Unity Connection VMS server does not answer after the specified number of rings, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	TransferTimeout	int (4 bytes)	The amount of time (in milliseconds) the local Cisco Unity Connection VMS server will wait for a response from this Cisco Unity Connection VMS server after this Cisco Unity Connection VMS server has answered the call. If this VMS server does not respond within the specified time period, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.	
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded voice name for the location,	FileNameGuid

Stored Procedures

vw_LocalVms has no stored procedures.

Column Properties

AddressingMaxScope

Property Name	Value
Description:	<p>The scope (e.g., local VMS, dialing domain, entire Unity organization) of the search that Cisco Unity Connection performs when searching for a matching extension in the following cases:</p> <ul style="list-style-type: none"> * When a subscriber addresses a message by using the phone. * When subscribers add members to private lists by using the phone or the Cisco Unity Connection Assistant. * When an administrator adds members to system or personal distribution lists by using the Cisco Unity Connection Administration. * When Cisco Unity Connection looks up the recipient for an incoming AMIS message.
Notes:	<p>Values:</p> <p>0: Local VMS - limits the search to subscribers created on the local Cisco Unity Connection VMS server.</p> <p>1: Dialing Domain.- if a match is not found while searching the local Cisco Unity Connection VMS server, the search expands to include subscribers created on other Cisco Unity Connection servers that are in the same dialing domain as the local Cisco Unity Connection VMS server.</p> <p>2: Unity organization - after searching the local Cisco Unity Connection VMS server and then the dialing domain (if there is one), the search expands to include every subscriber created on other Cisco Unity Connection VMS servers in the entire Unity organization.</p>
Business Rules:	
Developer Notes:	Moved from tbl_Location

Property Name	Value
Table/Column Mapping:	tbl_LocationVMS.AddressingMaxScope
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	AddressingMaxScope
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AgcTargetDb

Property Name	Value
Description:	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Notes:	<p>AGC will attempt to modify the incoming recording to match AGCTargetDB. This value is in decibels (dB) relative to the maximum amplitude possible for a PCM-encoded waveform, thus it is always less than zero. Values closer to zero are higher volume. Thus -10 dB is louder than -15 dB.</p> <p>AGC only affects recordings made with Cisco Unity Connection. AGC does not directly affect playback.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.AgcTargetDb
Primary Key:	False
Allow Null:	False
Default Value:	-26
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	-35
Validation - Maximum Value:	-15

AllowBlindAddressing

Property Name	Value
Description:	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.
Notes:	Values: 0: Blind address searches are not allowed 1: Blind address searches are allowed
Business Rules:	
Developer Notes:	Moved from tbl_Location. For conversations, AMIS systems will look like locations that allow blind addressing.
Table/Column Mapping:	tbl_LocationVMS.AllowBlindAddressing
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

BlindAddressingMaxScope

Property Name	Value
Description:	The scope (e.g., none, local VMS server, dialing domain, entire Unity organization) of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.
Notes:	Blind addressing provides a powerful tool for large sites who would like to share voice messaging capabilities across remote locations but do not want to synchronize messages and directory information across those same sites. Values: 0: None - blind address searches are not allowed. 1: Local VMS - limits the search to delivery locations that were created on the local Cisco Unity Connection VMS server. 2: Dialing domain - if a match is not found while searching the local Cisco Unity Connection VMS server, the blind addressing search expands to include those delivery locations created on other Cisco Unity Connection VMS servers that are in the same dialing domain as the local Cisco Unity Connection VMS server. 3: Organization - after searching the local Cisco Unity Connection VMS server and then the dialing domain (if there is one), the search expands to include every delivery location created on other Cisco Unity Connection VMS servers in the entire Unity organization.

Property Name	Value
Business Rules:	
Developer Notes:	Moved from tbl_Location.
Table/Column Mapping:	tbl_LocationVMS.BlindAddressingMaxScope
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	BlindAddressingMaxScope
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultLanguage

Property Name	Value
Description:	Default language for subscribers and call handlers.

Property Name	Value
Notes:	Values: 10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073 1074: Tswana 1074 1076: Xhosa 1076 1077: Zulu 1077

Property Name	Value
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067
	2068: Norwegian_Nynorsk 2068
	2070: Portuguese_Standard 2070
	2072: Romanian (Moldavia) 2072

Property Name	Value
	2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.DefaultLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1033
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultTTSLanguage

Property Name	Value
Description:	Default language to use for TTS playback.

Property Name	Value
Notes:	<p>This is separate from DefaultLanguage, because the set of possible TTS languages is much smaller depending on the engine being used.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241</p> <p>10249: English_Belize 10249</p> <p>1025: Arabic_Saudi_Arabia 1025</p> <p>10250: Spanish_Peru 10250</p> <p>1026: Bulgarian 1026</p> <p>1027: Catalan 1027</p> <p>1028: Chinese_Taiwan 1028</p> <p>1029: Czech 1029</p> <p>1030: Danish 1030</p> <p>1031: German_Standard 1031</p> <p>1032: Greek 1032</p> <p>1033: English_United_States 1033</p> <p>1034: Spanish_Traditional_Sort 1034</p> <p>1035: Finnish 1035</p> <p>1036: French_Standard 1036</p> <p>1037: Hebrew 1037</p> <p>1038: Hungarian 1038</p> <p>1039: Icelandic 1039</p> <p>1040: Italian_Standard 1040</p> <p>1041: Japanese 1041</p> <p>1042: Korean 1042</p> <p>1043: Dutch_Standard 1043</p> <p>1044: Norwegian_Bokmal 1044</p> <p>1045: Polish 1045</p> <p>1046: Portuguese_Brazilian 1046</p> <p>1047: Rhaeto-Romanic 1047</p> <p>1048: Romanian 1048</p> <p>1049: Russian 1049</p> <p>1050: Croatian 1050</p> <p>1051: Slovak 1051</p> <p>1052: Albanian 1052</p> <p>1053: Swedish 1053</p> <p>1054: Thai 1054</p> <p>1055: Turkish 1055</p> <p>1056: Urdu 1056</p> <p>1057: Indonesian 1057</p> <p>1058: Ukrainian 1058</p> <p>1059: Belarusian 1059</p> <p>1060: Slovenian 1060</p> <p>1061: Estonian 1061</p> <p>1062: Latvian 1062</p> <p>1063: Lithuanian 1063</p> <p>1065: Farsi 1065</p> <p>1066: Vietnamese 1066</p> <p>1067: Armenian 1067</p> <p>1068: Azeri_Latin 1068</p> <p>1069: Basque 1069</p> <p>1070: Sorbian 1070</p> <p>1071: Macedonian 1071</p> <p>1072: Sutu 1072</p> <p>1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068
	2070: Portuguese_Standard 2070
	2072: Romanian (Moldavia) 2072
	2073: Russian (Moldavia) 2073
	2074: Serbian_Latin 2074
	2077: Swedish_Finland 2077
	2092: Azeri_Cyrillic 2092
	2110: Malay_Brunei_Darussalam 2110
	2115: Uzbek_Cyrillic 2115
	3073: Arabic_Egypt 3073
	3076: Chinese_Hong_Kong 3076
	3079: German_Austrian 3079
	3081: English_Australian 3081
	3082: Spanish_Modern_Sort 3082
	3084: French_Canadian 3084
	3098: Serbian_Cyrillic 3098
	33801: Special code for hearing impaired phones
	4097: Arabic_Libya 4097
	4100: Chinese_Singapore 4100
	4103: German_Luxembourg 4103
	4105: English_Canadian 4105
	4106: Spanish_Guatemala 4106
	4108: French_Swiss 4108
	5121: Arabic_Algeria 5121
	5124: Chinese_Macau 5124
	5127: German_Liechtenstein 5127
	5129: English_New_Zealand 5129
	5130: Spanish_Costa_Rica 5130
	5132: French_Luxembourg 5132
	6145: Arabic_Morocco 6145
	6153: English_Ireland 6153
	6154: Spanish_Panama 6154
	6156: French_Monaco 6156
	7169: Arabic_Tunisia 7169
	7177: English_South_Africa 7177
	7178: Spanish_Dominican_Republic 7178
	8193: Arabic_Oman 8193
	8201: English_Jamaica 8201
	8202: Spanish_Venezuela 8202
	9217: Arabic_Yemen 9217
	9225: English_Caribbean 9225
	9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.DefaultTTSLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1033
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultWaveFormatObjectId

Property Name	Value
Description:	The unique identifier of the WaveFormat object that specifies the wave format in which recorded messages are stored if the requested format is not available on the system.
Notes:	
Business Rules:	
Developer Notes:	Default value is the well-known guid of 8K PCM u-Law
Table/Column Mapping:	tbl_LocationVMS.DefaultWaveFormatObjectId
Primary Key:	False
Allow Null:	False
Default Value:	'8961a48d-085d-4023-a4b4-6f682f8a8578'
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestinationType

Property Name	Value
Description:	For delivery locations, the destination type for that location, e.g. SMTP, AMIS, VPIM, Bridge.
Notes:	Values: 1: Cisco Unity Connection location. 2: SMTP location. 5: AMIS location. 7: Cisco Unity Connection Bridge. 8: VPIM location.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_Location.DestinationType
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	DestinationType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DialingDomainName

Property Name	Value
Description:	The name of the dialing domain of which this location is a member.
Notes:	<p>A dialing domain is a collection of Unity VMS servers for which access codes or any other type of prefixing is not required to dial between the subscribers that are homed on each VMS server. A dialing domain provides a means to set the search scope for message addressing and for call transfers from the auto attendant and directory handler(s).</p> <p>Note that the dialing domain name is case sensitive and must be entered the same on all Cisco Unity Connection VMS servers that are members of the dialing domain.</p> <p>There is no limit to the number of Cisco Unity Connection VMS servers that can be assigned to a single dialing domain, and there is no limit to the number of dialing domains. However, a Cisco Unity Connection VMS server can be a member of only one dialing domain.</p>
Business Rules:	A Cisco Unity Connection VMS server can be a member of only one dialing domain.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DialingDomainName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	The name of a location must be unique.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The DTMF access id for the location.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.@,,:;+ \% ' \()\~\]*\$

Property Name	Value
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfName

Property Name	Value
Description:	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the location. These digits are used for searching the location by name via the phone.
Notes:	
Business Rules:	When the display name of a location is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DtmfName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeLocations

Property Name	Value
Description:	A flag indicating whether locations are included in searches. If set on the LocationVMS, the conversation will include locations in the search results.

Property Name	Value
Notes:	<p>Values:</p> <p>0: Do not include locations in search results</p> <p>1: Include locations in search results</p> <p>For this setting to be useful to subscribers, locations need to have recorded voice names. When enabled, this setting allows subscribers to address a message in two steps. First subscribers select a particular location (either by spelling the name or by entering the Dial ID). If Cisco Unity Connection finds a matching location, the recorded voice name for the location is played (assuming one has been recorded), and subscribers are prompted to either spell the name or enter the extension of the recipient. This allows subscribers to limit a search for a recipient to a specific location.</p> <p>This option is useful when the global directory is large and addressing a message by name results in many matches.</p>
Business Rules:	
Developer Notes:	Moved from tbl_Location
Table/Column Mapping:	tbl_LocationVMS.IncludeLocations
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this location object is the "primary" location, which cannot be deleted. (Used to prevent deletion of factory defaults.)
Notes:	<p>Each Cisco Unity Connection VMS server has a primary location, which is created during installation and which cannot be deleted. The primary location identifies the Cisco Unity Connection VMS server and contains the networking information needed to communicate with other locations, which can be Cisco Unity Connection servers or other voice messaging systems. The only location that cannot be deleted is the default "primary" location created by setup.</p> <p>Values:</p> <p>0: Not primary location</p> <p>1: Primary location</p>
Business Rules:	If True, this location object cannot be deleted.

Property Name	Value
Developer Notes:	This is one easy way to find the primary location object when you need it.
Table/Column Mapping:	tbl_LocationVMS.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

KeypadMapId

Property Name	Value
Description:	The keypad map used by this location. The keypad map specifies the numeric keys to which the letters Q and Z are assigned to on the phone. This is specified during Cisco Unity Connection setup.
Notes:	Values: 1: Map 1 - letter Q is mapped to the 7 key, Z to the 9 key. 2: Map 2 - letters Q and Z are mapped to the 1 key. 3: Map 3 - letters Q and Z are mapped to the 0 key.
Business Rules:	
Developer Notes:	Moved from tbl_Location
Table/Column Mapping:	tbl_LocationVMS.KeypadMapId
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	KeypadMap
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastLicenseEvalTime

Property Name	Value
Description:	The last time the license evaluation was done.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.LastLicenseEvalTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalPhonePrefix

Property Name	Value
Description:	<p>The number that is used to construct addresses for Cisco Unity Connection subscribers who send messages to individuals who use the voice messaging system that corresponds to this delivery location.</p> <p>On outgoing messages from Cisco Unity Connection subscribes to subscribers at this VPIM location, the prefix is added to the beginning of the sender mailbox number to form the From address.</p> <p>On incoming messages to Cisco Unity Connection subscribers from subscribers at this VPIM location, the prefix is removed from the beginning of the recipient mailbox number to form the To address.</p>
Notes:	<p>For example, if a subscriber extension is 1234 and their full phone number is 2065551234, the LocalPhonePrefix would be 206555.</p> <p>This is used currently for addressing via VPIM to other systems, but may see other use moving forward.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.LocalPhonePrefix
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits 0-9 only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxContacts

Property Name	Value
Description:	The maximum number of contacts that can be created for this location.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.MaxContacts
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxGreetingLength

Property Name	Value
Description:	The maximum length (in seconds) allowed for recording a system greeting.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_LocationVMS.MaxGreetingLength
Primary Key:	False
Allow Null:	False
Default Value:	90
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a LocationVMS object.
Notes:	The value of this objectid is the same as the tbl_Location.ObjectId.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OverallLicenseState

Property Name	Value
Description:	Specifies the overall license state. It is valid if none of the license feature is in shutdown state. When this state becomes shutdown, the application will be shutdown.
Notes:	Values: 0: Unknown - not evaluated 1: Evaluated and is valid 2: Violated - system will shutdown after grace period expires since ComplianceTime 3: Grace period has expired and system will be shutdown
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.OverallLicenseState
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	LicenseStatus
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyLocalCACertificate

Property Name	Value
Description:	The X.509 certificate formatted as a PEM format string (base-64 encoded).
Notes:	
Business Rules:	Pertinent only if telephony integration method is Skinny.
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.SkinnyLocalCACertificate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (8000 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8000 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SkinnyLocalCACertificateFileName

Property Name	Value
Description:	The file name that should be assigned to the SkinnyLocalCACertificate to install the certificate on the Cisco Unified Communications Manager server(s). Installing the certificate on the CCM servers causes CCM to trust any Skinny device certificates signed by it, which is what we need to establish TLS Skinny connections to the CCM servers in the cluster.
Notes:	
Business Rules:	
Developer Notes:	The file name is calculated by same component that generates the value of SkinnyLocalCACertificate. The file name is the hash of the certificate subject with ".0" appended.
Table/Column Mapping:	tbl_LocationVMS.SkinnyLocalCACertificateFileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyLocalCAPrivateKey

Property Name	Value
Description:	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Notes:	
Business Rules:	Pertinent only if telephony integration method is Skinny.
Developer Notes:	The key is encrypted using a symmetric algorithm known to the key generation facility and the Skinny TSP.
Table/Column Mapping:	tbl_LocationVMS.SkinnyLocalCAPrivateKey
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (8000 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8000 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtplibDomain

Property Name	Value
Description:	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtplibAddress).
Notes:	<p>The domain name is required by UMSS, and for the VPIM networking options. Both of these networking options use the Simple Mail Transfer Protocol (SMTP) for messaging between the local Cisco Unity Connection VMS server and the remote voice messaging system. When a subscriber on the local Cisco Unity Connection VMS server addresses a message to a remote user, Cisco Unity Connection uses the SMTP Domain Name to construct a From address, which is required by SMTP. Messages that are missing the domain name in the From address will not be delivered. Additionally, a valid From address allows the remote recipient to reply to the message.</p> <p>The syntax specification for this column is based on RFC 1035 (Domain Names - Implementation and Specification) and RFC 2282 (Internet Message Format). The syntax allows "host name" and FQDN as valid domain name.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Location.SmtplibDomain
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DomainName
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^([a-zA-Z]([a-zA-Z\d]*[a-zA-Z\d])?.)+([a-zA-Z\d])+\$.

Property Name	Value
Validation - Description:	<code><domain> ::= <subdomain> " "</code> <code><subdomain> ::= <label> <subdomain> "." <label></code> <code><label> ::= <letter> [[<ldh-str>] <let-dig>]</code> <code><ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str></code> <code><let-dig-hyp> ::= <let-dig> "-"</code> The labels must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtSmartHost

Property Name	Value
Description:	IP address or host name of SMTP smart host.
Notes:	IPv6 addresses not supported.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.SmtSmartHost
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	The TimeZone associated with this VMS.
Notes:	Refers to entry in tbl_TimeZone table.
Business Rules:	

Property Name	Value
Developer Notes:	Default to 4 (PST) to ensure it is non-NULL. We set it from the OS during setup.
Table/Column Mapping:	tbl_LocationVMS.TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferDialString

Property Name	Value
Description:	The phone number that a local Cisco Unity Connection VMS server dials to transfer a call to this Cisco Unity Connection VMS server.
Notes:	Used with Cisco Unity Connection cross-server logon, transfer and live reply features.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.TransferDialString
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferNumberOfRings

Property Name	Value
Description:	The number of rings the local Cisco Unity Connection VMS server waits for this Cisco Unity Connection VMS server to answer. If this Cisco Unity Connection VMS server does not answer after the specified number of rings, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Notes:	Used with Cisco Unity Connection cross-server logon, transfer and live reply features.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.TransferNumberOfRings
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferTimeout

Property Name	Value
Description:	The amount of time (in milliseconds) the local Cisco Unity Connection VMS server will wait for a response from this Cisco Unity Connection VMS server after this Cisco Unity Connection VMS server has answered the call. If this VMS server does not respond within the specified time period, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Notes:	Used with Cisco Unity Connection cross-server logon, transfer and live reply features.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.TransferTimeout
Primary Key:	False
Allow Null:	False
Default Value:	5000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded voice name for the location,
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.93. vw_Location

A simple view for tbl_Location

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AllowBlindAddressing	smallint (2 bytes)	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.	Bool
	DestinationType	int (4 bytes)	For delivery locations, the destination type for that location, e.g. SMTP, AMIS, VPIM, Bridge.	Destination-Type
	DialingDomainName	nvarchar (40 characters)	The name of the dialing domain of which this location is a member.	
	DisplayName	nvarchar (64 characters)	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId
	DtmfName	varchar (16 characters)	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the location. These digits are used for searching the location by name via the phone.	DtmfName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Location object.	ObjectID
	SmtpDomain	varchar (255 characters)	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtpAddress).	DomainName
	VoiceName	varchar (40 characters)	Name of stream file with voice name for this location.	FileNameGuid

Stored Procedures

Name	Description
csp_LocationDelete	Deletes a Location object from tbl_Location as specified by the @ObjectId parameter.

Name	Description
csp_LocationVMSCreate	Creates a new LocationVMS object by inserting a new row into tbl_LocationVMS. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVMSDelete	Deletes a LocationVMS object from tbl_LocationVMS as specified by the @ObjectId parameter.
csp_LocationVMSModify	Updates the attributes of a LocationVMS object and those attributes of a Location object relevant to a VMS based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVMS and Location objects that are updated.
csp_LocationVPIMCreate	Creates a new LocationVPIM object by inserting a new row into tbl_LocationVPIM. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVPIMDelete	Deletes a LocationVPIM object from tbl_LocationVPIM as specified by the @ObjectId parameter.
csp_LocationVPIMModify	Updates the attributes of a LocationVPIM object and those attributes of a Location object relevant based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVPIM and Location objects that are updated.

Column Properties

AllowBlindAddressing

Property Name	Value
Description:	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.
Notes:	Values: 0: Blind address searches are not allowed 1: Blind address searches are allowed
Business Rules:	
Developer Notes:	Moved from tbl_Location. For conversations, AMIS systems will look like locations that allow blind addressing.
Table/Column Mapping:	tbl_LocationVMS.AllowBlindAddressing
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

DestinationType

Property Name	Value
Description:	For delivery locations, the destination type for that location, e.g. SMTP, AMIS, VPIM, Bridge.
Notes:	Values: 1: Cisco Unity Connection location. 2: SMTP location. 5: AMIS location. 7: Cisco Unity Connection Bridge. 8: VPIM location.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Location.DestinationType
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	DestinationType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DialingDomainName

Property Name	Value
Description:	The name of the dialing domain of which this location is a member.

Property Name	Value
Notes:	<p>A dialing domain is a collection of Unity VMS servers for which access codes or any other type of prefixing is not required to dial between the subscribers that are homed on each VMS server. A dialing domain provides a means to set the search scope for message addressing and for call transfers from the auto attendant and directory handler(s).</p> <p>Note that the dialing domain name is case sensitive and must be entered the same on all Cisco Unity Connection VMS servers that are members of the dialing domain.</p> <p>There is no limit to the number of Cisco Unity Connection VMS servers that can be assigned to a single dialing domain, and there is no limit to the number of dialing domains. However, a Cisco Unity Connection VMS server can be a member of only one dialing domain.</p>
Business Rules:	A Cisco Unity Connection VMS server can be a member of only one dialing domain.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DialingDomainName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	The name of a location must be unique.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ %\?\'()\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfName

Property Name	Value
Description:	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the location. These digits are used for searching the location by name via the phone.
Notes:	
Business Rules:	When the display name of a location is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DtmfName
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Location object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Location.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtDomain

Property Name	Value
Description:	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtAddress).

Property Name	Value
Notes:	<p>The domain name is required by UMSS, and for the VPIM networking options. Both of these networking options use the Simple Mail Transfer Protocol (SMTP) for messaging between the local Cisco Unity Connection VMS server and the remote voice messaging system. When a subscriber on the local Cisco Unity Connection VMS server addresses a message to a remote user, Cisco Unity Connection uses the SMTP Domain Name to construct a From address, which is required by SMTP. Messages that are missing the domain name in the From address will not be delivered. Additionally, a valid From address allows the remote recipient to reply to the message.</p> <p>The syntax specification for this column is based on RFC 1035 (Domain Names - Implementation and Specification) and RFC 2282 (Internet Message Format). The syntax allows "host name" and FQDN as valid domain name.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Location.SmtDomain
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DomainName
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^([a-zA-Z](\-[a-zA-Z\d]*[a-zA-Z\d])?.)+([a-zA-Z\d])+ \$
Validation - Description:	<p><domain> ::= <subdomain> " "</p> <p><subdomain> ::= <label> <subdomain> "." <label></p> <p><label> ::= <letter> [[<ldh-str>] <let-dig>]</p> <p><ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str></p> <p><let-dig-hyp> ::= <let-dig> "-"</p> <p>The labels must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.</p>
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	Name of stream file with voice name for this location.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.94. vw_LocationVMS

A simple view for tbl_LocationVMS.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AddressingMaxScope	smallint (2 bytes)	<p>The scope (e.g., local VMS, dialing domain, entire Unity organization) of the search that Cisco Unity Connection performs when searching for a matching extension in the following cases:</p> <ul style="list-style-type: none"> * When a subscriber addresses a message by using the phone. * When subscribers add members to private lists by using the phone or the Cisco Unity Connection Assistant. * When an administrator adds members to system or personal distribution lists by using the Cisco Unity Connection Administration. * When Cisco Unity Connection looks up the recipient for an incoming AMIS message. 	AddressingMaxScope
	AgcTargetDb	smallint (2 bytes)	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.	
	AllowBlindAddressing	smallint (2 bytes)	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.	Bool
	BlindAddressingMaxScope	smallint (2 bytes)	The scope (e.g., none, local VMS server, dialing domain, entire Unity organization) of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.	BlindAddressingMaxScope
	DefaultLanguage	int (4 bytes)	Default language for subscribers and call handlers.	Language-Code
	DefaultTTSLanguage	int (4 bytes)	Default language to use for TTS playback.	Language-Code

Key	Name	SQL Data Type/Length	Description	Custom Type
	DefaultWaveFormatObjectId	char (36 characters)	The unique identifier of the WaveFormat object that specifies the wave format in which recorded messages are stored if the requested format is not available on the system.	ObjectID
	DestinationType	int (4 bytes)	For delivery locations, the destination type for that location, e.g. SMTP, AMIS, VPIM, Bridge.	Destination-Type
	DialingDomainName	nvarchar (40 characters)	The name of the dialing domain of which this location is a member.	
	DisplayName	nvarchar (64 characters)	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The DTMF access id for the VMS.	DtmfAccessId
	DtmfName	varchar (16 characters)	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the location. These digits are used for searching the location by name via the phone.	DtmfName
	IncludeLocations	smallint (2 bytes)	A flag indicating whether locations are included in searches. If set on the LocationVMS, the conversation will include locations in the search results.	Bool
	IsPrimary	smallint (2 bytes)	A flag indicating whether this location object is the "primary" location, which cannot be deleted. (Used to prevent deletion of factory defaults.)	Bool
	KeypadMapId	smallint (2 bytes)	The keypad map used by this location. The keypad map specifies the numeric keys to which the letters Q and Z are assigned to on the phone. This is specified during Cisco Unity Connection setup.	KeypadMap
	LastLicenseEvalTime	datetime (8 bytes)	The last time the license evaluation was done.	
	LocalPhonePrefix	nvarchar (64 characters)	<p>The number that is used to construct addresses for Cisco Unity Connection subscribers who send messages to individuals who use the voice messaging system that corresponds to this delivery location.</p> <p>On outgoing messages from Cisco Unity Connection subscribes to subscribers at this VPIM location, the prefix is added to the beginning of the sender mailbox number to form the From address.</p> <p>On incoming messages to Cisco Unity Connection subscribers from subscribers at this VPIM location, the prefix is removed from the beginning of the recipient mailbox number to form the To address.</p>	
	MaxContacts	int (4 bytes)	The maximum number of contacts that can be created for this location.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	MaxGreetingLength	int (4 bytes)	The maximum length (in seconds) allowed for recording a system greeting.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a LocationVMS object.	ObjectID
	OverallLicenseState	int (4 bytes)	Specifies the overall license state. It is valid if none of the license feature is in shutdown state. When this state becomes shutdown, the application will be shutdown.	LicenseStatus
	SkinnyLocalCACertificate	lvvarchar (8000 characters)	The X.509 certificate formatted as a PEM format string (base-64 encoded).	
	SkinnyLocalCACertificateFileName	nvvarchar (40 characters)	The file name that should be assigned to the SkinnyLocalCACertificate to install the certificate on the Cisco Unified Communications Manager server(s). Installing the certificate on the CCM servers causes CCM to trust any Skinny device certificates signed by it, which is what we need to establish TLS Skinny connections to the CCM servers in the cluster.	
	SkinnyLocalCAPrivateKey	lvvarchar (8000 characters)	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).	
	SmtDomain	vvarchar (255 characters)	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtAddress).	DomainName
	SmtSmartHost	vvarchar (40 characters)	IP address or host name of SMTP smart host.	
	TimeZone	int (4 bytes)	The TimeZone associated with this VMS.	
	TransferDialString	nvvarchar (128 characters)	The phone number that a local Cisco Unity Connection VMS server dials to transfer a call to this Cisco Unity Connection VMS server.	
	TransferNumberOfRings	int (4 bytes)	The number of rings the local Cisco Unity Connection VMS server waits for this Cisco Unity Connection VMS server to answer. If this Cisco Unity Connection VMS server does not answer after the specified number of rings, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	TransferTimeout	int (4 bytes)	The amount of time (in milliseconds) the local Cisco Unity Connection VMS server will wait for a response from this Cisco Unity Connection VMS server after this Cisco Unity Connection VMS server has answered the call. If this VMS server does not respond within the specified time period, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.	
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded voice name for the location	FileNameGuid

Stored Procedures

Name	Description
csp_LocationVMSCreate	Creates a new LocationVMS object by inserting a new row into tbl_LocationVMS. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVMSDelete	Deletes a LocationVMS object from tbl_LocationVMS as specified by the @ObjectId parameter.
csp_LocationVMSModify	Updates the attributes of a LocationVMS object and those attributes of a Location object relevant to a VMS based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVMS and Location objects that are updated.

Column Properties

AddressingMaxScope

Property Name	Value
Description:	<p>The scope (e.g., local VMS, dialing domain, entire Unity organization) of the search that Cisco Unity Connection performs when searching for a matching extension in the following cases:</p> <ul style="list-style-type: none"> * When a subscriber addresses a message by using the phone. * When subscribers add members to private lists by using the phone or the Cisco Unity Connection Assistant. * When an administrator adds members to system or personal distribution lists by using the Cisco Unity Connection Administration. * When Cisco Unity Connection looks up the recipient for an incoming AMIS message.

Property Name	Value
Notes:	<p>Values:</p> <p>0: Local VMS - limits the search to subscribers created on the local Cisco Unity Connection VMS server.</p> <p>1: Dialing Domain.- if a match is not found while searching the local Cisco Unity Connection VMS server, the search expands to include subscribers created on other Cisco Unity Connection servers that are in the same dialing domain as the local Cisco Unity Connection VMS server.</p> <p>2: Unity organization - after searching the local Cisco Unity Connection VMS server and then the dialing domain (if there is one), the search expands to include every subscriber created on other Cisco Unity Connection VMS servers in the entire Unity organization.</p>
Business Rules:	
Developer Notes:	Moved from tbl_Location
Table/Column Mapping:	tbl_LocationVMS.AddressingMaxScope
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	AddressingMaxScope
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AgcTargetDb

Property Name	Value
Description:	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Notes:	<p>AGC will attempt to modify the incoming recording to match AGCTargetDB. This value is in decibels (dB) relative to the maximum amplitude possible for a PCM-encoded waveform, thus it is always less than zero. Values closer to zero are higher volume. Thus -10 dB is louder than -15 dB.</p> <p>AGC only affects recordings made with Cisco Unity Connection. AGC does not directly affect playback.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.AgcTargetDb
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	-26
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	-35
Validation - Maximum Value:	-15

AllowBlindAddressing

Property Name	Value
Description:	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.
Notes:	Values: 0: Blind address searches are not allowed 1: Blind address searches are allowed
Business Rules:	
Developer Notes:	Moved from tbl_Location. For conversations, AMIS systems will look like locations that allow blind addressing.
Table/Column Mapping:	tbl_LocationVMS.AllowBlindAddressing
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

BlindAddressingMaxScope

Property Name	Value
Description:	The scope (e.g., none, local VMS server, dialing domain, entire Unity organization) of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.
Notes:	<p>Blind addressing provides a powerful tool for large sites who would like to share voice messaging capabilities across remote locations but do not want to synchronize messages and directory information across those same sites.</p> <p>Values:</p> <p>0: None - blind address searches are not allowed.</p> <p>1: Local VMS - limits the search to delivery locations that were created on the local Cisco Unity Connection VMS server.</p> <p>2: Dialing domain - if a match is not found while searching the local Cisco Unity Connection VMS server, the blind addressing search expands to include those delivery locations created on other Cisco Unity Connection VMS servers that are in the same dialing domain as the local Cisco Unity Connection VMS server.</p> <p>3: Organization - after searching the local Cisco Unity Connection VMS server and then the dialing domain (if there is one), the search expands to include every delivery location created on other Cisco Unity Connection VMS servers in the entire Unity organization.</p>
Business Rules:	
Developer Notes:	Moved from tbl_Location.
Table/Column Mapping:	tbl_LocationVMS.BlindAddressingMaxScope
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	BlindAddressingMaxScope
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultLanguage

Property Name	Value
Description:	Default language for subscribers and call handlers.

Property Name	Value
Notes:	Values: 10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073 1074: Tswana 1074 1076: Xhosa 1076 1077: Zulu 1077

Property Name	Value
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067
	2068: Norwegian_Nynorsk 2068
	2070: Portuguese_Standard 2070
	2072: Romanian (Moldavia) 2072

Property Name	Value
	2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.DefaultLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1033
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultTTSLanguage

Property Name	Value
Description:	Default language to use for TTS playback.

Property Name	Value
Notes:	<p>This is separate from DefaultLanguage, because the set of possible TTS languages is much smaller depending on the engine being used.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241</p> <p>10249: English_Belize 10249</p> <p>1025: Arabic_Saudi_Arabia 1025</p> <p>10250: Spanish_Peru 10250</p> <p>1026: Bulgarian 1026</p> <p>1027: Catalan 1027</p> <p>1028: Chinese_Taiwan 1028</p> <p>1029: Czech 1029</p> <p>1030: Danish 1030</p> <p>1031: German_Standard 1031</p> <p>1032: Greek 1032</p> <p>1033: English_United_States 1033</p> <p>1034: Spanish_Traditional_Sort 1034</p> <p>1035: Finnish 1035</p> <p>1036: French_Standard 1036</p> <p>1037: Hebrew 1037</p> <p>1038: Hungarian 1038</p> <p>1039: Icelandic 1039</p> <p>1040: Italian_Standard 1040</p> <p>1041: Japanese 1041</p> <p>1042: Korean 1042</p> <p>1043: Dutch_Standard 1043</p> <p>1044: Norwegian_Bokmal 1044</p> <p>1045: Polish 1045</p> <p>1046: Portuguese_Brazilian 1046</p> <p>1047: Rhaeto-Romanic 1047</p> <p>1048: Romanian 1048</p> <p>1049: Russian 1049</p> <p>1050: Croatian 1050</p> <p>1051: Slovak 1051</p> <p>1052: Albanian 1052</p> <p>1053: Swedish 1053</p> <p>1054: Thai 1054</p> <p>1055: Turkish 1055</p> <p>1056: Urdu 1056</p> <p>1057: Indonesian 1057</p> <p>1058: Ukrainian 1058</p> <p>1059: Belarusian 1059</p> <p>1060: Slovenian 1060</p> <p>1061: Estonian 1061</p> <p>1062: Latvian 1062</p> <p>1063: Lithuanian 1063</p> <p>1065: Farsi 1065</p> <p>1066: Vietnamese 1066</p> <p>1067: Armenian 1067</p> <p>1068: Azeri_Latin 1068</p> <p>1069: Basque 1069</p> <p>1070: Sorbian 1070</p> <p>1071: Macedonian 1071</p> <p>1072: Sutu 1072</p> <p>1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.DefaultTTSLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1033
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultWaveFormatObjectId

Property Name	Value
Description:	The unique identifier of the WaveFormat object that specifies the wave format in which recorded messages are stored if the requested format is not available on the system.
Notes:	
Business Rules:	
Developer Notes:	Default value is the well-known guid of 8K PCM u-Law
Table/Column Mapping:	tbl_LocationVMS.DefaultWaveFormatObjectId
Primary Key:	False
Allow Null:	False
Default Value:	'8961a48d-085d-4023-a4b4-6f682f8a8578'
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestinationType

Property Name	Value
Description:	For delivery locations, the destination type for that location, e.g. SMTP, AMIS, VPIM, Bridge.
Notes:	Values: 1: Cisco Unity Connection location. 2: SMTP location. 5: AMIS location. 7: Cisco Unity Connection Bridge. 8: VPIM location.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_Location.DestinationType
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	DestinationType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DialingDomainName

Property Name	Value
Description:	The name of the dialing domain of which this location is a member.
Notes:	<p>A dialing domain is a collection of Unity VMS servers for which access codes or any other type of prefixing is not required to dial between the subscribers that are homed on each VMS server. A dialing domain provides a means to set the search scope for message addressing and for call transfers from the auto attendant and directory handler(s).</p> <p>Note that the dialing domain name is case sensitive and must be entered the same on all Cisco Unity Connection VMS servers that are members of the dialing domain.</p> <p>There is no limit to the number of Cisco Unity Connection VMS servers that can be assigned to a single dialing domain, and there is no limit to the number of dialing domains. However, a Cisco Unity Connection VMS server can be a member of only one dialing domain.</p>
Business Rules:	A Cisco Unity Connection VMS server can be a member of only one dialing domain.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DialingDomainName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	The name of a location must be unique.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The DTMF access id for the VMS.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.@,;\+ \% ' \()\~\]*\$

Property Name	Value
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfName

Property Name	Value
Description:	The series of digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the display name of the location. These digits are used for searching the location by name via the phone.
Notes:	
Business Rules:	When the display name of a location is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DtmfName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeLocations

Property Name	Value
Description:	A flag indicating whether locations are included in searches. If set on the LocationVMS, the conversation will include locations in the search results.

Property Name	Value
Notes:	<p>Values:</p> <p>0: Do not include locations in search results</p> <p>1: Include locations in search results</p> <p>For this setting to be useful to subscribers, locations need to have recorded voice names. When enabled, this setting allows subscribers to address a message in two steps. First subscribers select a particular location (either by spelling the name or by entering the Dial ID). If Cisco Unity Connection finds a matching location, the recorded voice name for the location is played (assuming one has been recorded), and subscribers are prompted to either spell the name or enter the extension of the recipient. This allows subscribers to limit a search for a recipient to a specific location.</p> <p>This option is useful when the global directory is large and addressing a message by name results in many matches.</p>
Business Rules:	
Developer Notes:	Moved from tbl_Location
Table/Column Mapping:	tbl_LocationVMS.IncludeLocations
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this location object is the "primary" location, which cannot be deleted. (Used to prevent deletion of factory defaults.)
Notes:	<p>Each Cisco Unity Connection VMS server has a primary location, which is created during installation and which cannot be deleted. The primary location identifies the Cisco Unity Connection VMS server and contains the networking information needed to communicate with other locations, which can be Cisco Unity Connection servers or other voice messaging systems. The only location that cannot be deleted is the default "primary" location created by setup.</p> <p>Values:</p> <p>0: Not primary location</p> <p>1: Primary location</p>
Business Rules:	If True, this location object cannot be deleted.

Property Name	Value
Developer Notes:	This is one easy way to find the primary location object when you need it.
Table/Column Mapping:	tbl_LocationVMS.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

KeypadMapId

Property Name	Value
Description:	The keypad map used by this location. The keypad map specifies the numeric keys to which the letters Q and Z are assigned to on the phone. This is specified during Cisco Unity Connection setup.
Notes:	Values: 1: Map 1 - letter Q is mapped to the 7 key, Z to the 9 key. 2: Map 2 - letters Q and Z are mapped to the 1 key. 3: Map 3 - letters Q and Z are mapped to the 0 key.
Business Rules:	
Developer Notes:	Moved from tbl_Location
Table/Column Mapping:	tbl_LocationVMS.KeypadMapId
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	KeypadMap
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastLicenseEvalTime

Property Name	Value
Description:	The last time the license evaluation was done.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.LastLicenseEvalTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalPhonePrefix

Property Name	Value
Description:	<p>The number that is used to construct addresses for Cisco Unity Connection subscribers who send messages to individuals who use the voice messaging system that corresponds to this delivery location.</p> <p>On outgoing messages from Cisco Unity Connection subscribes to subscribers at this VPIM location, the prefix is added to the beginning of the sender mailbox number to form the From address.</p> <p>On incoming messages to Cisco Unity Connection subscribers from subscribers at this VPIM location, the prefix is removed from the beginning of the recipient mailbox number to form the To address.</p>
Notes:	<p>For example, if a subscriber extension is 1234 and their full phone number is 2065551234, the LocalPhonePrefix would be 206555.</p> <p>This is used currently for addressing via VPIM to other systems, but may see other use moving forward.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.LocalPhonePrefix
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits 0-9 only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxContacts

Property Name	Value
Description:	The maximum number of contacts that can be created for this location.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.MaxContacts
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxGreetingLength

Property Name	Value
Description:	The maximum length (in seconds) allowed for recording a system greeting.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_LocationVMS.MaxGreetingLength
Primary Key:	False
Allow Null:	False
Default Value:	90
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	1200

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a LocationVMS object.
Notes:	The value of this objectid is the same as the tbl_Location.ObjectId.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OverallLicenseState

Property Name	Value
Description:	Specifies the overall license state. It is valid if none of the license feature is in shutdown state. When this state becomes shutdown, the application will be shutdown.
Notes:	Values: 0: Unknown - not evaluated 1: Evaluated and is valid 2: Violated - system will shutdown after grace period expires since ComplianceTime 3: Grace period has expired and system will be shutdown
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.OverallLicenseState
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	LicenseStatus
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyLocalCACertificate

Property Name	Value
Description:	The X.509 certificate formatted as a PEM format string (base-64 encoded).
Notes:	
Business Rules:	Pertinent only if telephony integration method is Skinny.
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.SkinnyLocalCACertificate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (8000 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8000 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SkinnyLocalCACertificateFileName

Property Name	Value
Description:	The file name that should be assigned to the SkinnyLocalCACertificate to install the certificate on the Cisco Unified Communications Manager server(s). Installing the certificate on the CCM servers causes CCM to trust any Skinny device certificates signed by it, which is what we need to establish TLS Skinny connections to the CCM servers in the cluster.
Notes:	
Business Rules:	
Developer Notes:	The file name is calculated by same component that generates the value of SkinnyLocalCACertificate. The file name is the hash of the certificate subject with ".0" appended.
Table/Column Mapping:	tbl_LocationVMS.SkinnyLocalCACertificateFileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyLocalCAPrivateKey

Property Name	Value
Description:	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Notes:	
Business Rules:	Pertinent only if telephony integration method is Skinny.
Developer Notes:	The key is encrypted using a symmetric algorithm known to the key generation facility and the Skinny TSP.
Table/Column Mapping:	tbl_LocationVMS.SkinnyLocalCAPrivateKey
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (8000 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8000 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtplibDomain

Property Name	Value
Description:	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtplibAddress).
Notes:	<p>The domain name is required by UMSS, and for the VPIM networking options. Both of these networking options use the Simple Mail Transfer Protocol (SMTP) for messaging between the local Cisco Unity Connection VMS server and the remote voice messaging system. When a subscriber on the local Cisco Unity Connection VMS server addresses a message to a remote user, Cisco Unity Connection uses the SMTP Domain Name to construct a From address, which is required by SMTP. Messages that are missing the domain name in the From address will not be delivered. Additionally, a valid From address allows the remote recipient to reply to the message.</p> <p>The syntax specification for this column is based on RFC 1035 (Domain Names - Implementation and Specification) and RFC 2282 (Internet Message Format). The syntax allows "host name" and FQDN as valid domain name.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Location.SmtplibDomain
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DomainName
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^([a-zA-Z]([a-zA-Z\d]*[a-zA-Z\d])?.)+([a-zA-Z\d])+\$

Property Name	Value
Validation - Description:	<code><domain> ::= <subdomain> " "</code> <code><subdomain> ::= <label> <subdomain> "." <label></code> <code><label> ::= <letter> [[<ldh-str>] <let-dig>]</code> <code><ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str></code> <code><let-dig-hyp> ::= <let-dig> "-"</code> The labels must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtSmartHost

Property Name	Value
Description:	IP address or host name of SMTP smart host.
Notes:	IPv6 addresses not supported.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.SmtSmartHost
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	The TimeZone associated with this VMS.
Notes:	Refers to entry in tbl_TimeZone table.
Business Rules:	

Property Name	Value
Developer Notes:	Default to 4 (PST) to ensure it is non-NULL. We set it from the OS during setup.
Table/Column Mapping:	tbl_LocationVMS.TimeZone
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferDialString

Property Name	Value
Description:	The phone number that a local Cisco Unity Connection VMS server dials to transfer a call to this Cisco Unity Connection VMS server.
Notes:	Used with Cisco Unity Connection cross-server logon, transfer and live reply features.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.TransferDialString
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferNumberOfRings

Property Name	Value
Description:	The number of rings the local Cisco Unity Connection VMS server waits for this Cisco Unity Connection VMS server to answer. If this Cisco Unity Connection VMS server does not answer after the specified number of rings, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Notes:	Used with Cisco Unity Connection cross-server logon, transfer and live reply features.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.TransferNumberOfRings
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferTimeout

Property Name	Value
Description:	The amount of time (in milliseconds) the local Cisco Unity Connection VMS server will wait for a response from this Cisco Unity Connection VMS server after this Cisco Unity Connection VMS server has answered the call. If this VMS server does not respond within the specified time period, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Notes:	Used with Cisco Unity Connection cross-server logon, transfer and live reply features.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVMS.TransferTimeout
Primary Key:	False
Allow Null:	False
Default Value:	5000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded voice name for the location
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.95. vw_LocationVPIM

An object representing another voice messaging system to which Unity Connection can exchange messages via the VPIM protocol. This object is a sub-class of tbl_Location.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AudioFormatIncoming	smallint (2 bytes)	An enumeration indicating whether incoming VPIM messages from the remote system corresponding to this location should be converted to another audio format.	VpimAudio-FormatIncoming
	AudioFormatOutgoing	smallint (2 bytes)	An enumeration indicating whether VPIM messages from Unity to the remote system corresponding to this location should be converted to another audio format.	VpimAudio-FormatOutgoing
	AutoCreateDisplay-NameRule	varchar (128 characters)	Indicates how text names on incoming messages will be mapped to the display name for auto-created contacts. A value of NULL indicates the text name is mapped directly to the display name of the contact. A non-null value indicates this is a custom rule that defines the mapping of the text name to the display name. Example: <FirstName>, <LastName>	
	AutoCreateExtension-Rule	smallint (2 bytes)	An enumeration indicating how the phone number on incoming VPIM messages should be mapped to the extension for the auto-created contact.	VpimAuto-CreateExtensionRule
	ContactTemplateObject-Id	char (36 characters)	The template upon which to base new contacts created whose destination for messages is this LocationVPIM.	ObjectID
	DestinationType	int (4 bytes)	For delivery locations, the destination type for that location, e.g. SMTP, AMIS, VPIM, Bridge.	Destination-Type
	DialingDomainName	nvarchar (40 characters)	The name of the dialing domain of which this location is a member.	
	DisplayName	nvarchar (64 characters)	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId

Key	Name	SQL Data Type/Length	Description	Custom Type
	EnableAGC	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should apply software-based gain control to messages received from this VPIM location.	Bool
	EnableAutoCreateContact	smallint (2 bytes)	A flag indicating whether a contact is automatically created when messages are received from senders at this location.	Bool
	EnableAutoCreateNoVoiceName	smallint (2 bytes)	A flag indicating whether a contact is automatically created/updated when the incoming VPIM message does not include a recorded voice name.	Bool
	EnableAutoDeleteContact	smallint (2 bytes)	A flag indicating whether a contact is automatically deleted when an NDR is received.	Bool
	EnableAutoUpdateContact	smallint (2 bytes)	An enumeration indicating whether a contact is automatically updated when messages are received from senders at this location, and if so, under what condition the contact is updated.	VpimEnableAutoUpdateContact
	EnableAutoUpdateContactDisplayName	smallint (2 bytes)	A flag indicating whether a contact's display name is updated when a contact is automatically updated.	Bool
	EnableOutgoingPrivateMessages	smallint (2 bytes)	A flag indicating whether outgoing messages can be marked "Private."	Bool
	EnableOutgoingSecureMessages	smallint (2 bytes)	A flag indicating whether outgoing messages can be marked "Secure."	Bool
	IncludeSenderVoiceName	smallint (2 bytes)	A flag indicating whether Unity adds the sender's recorded voice name to an outgoing VPIM message.	Bool
	IpAddress	varchar (40 characters)	The IP address of the VPIM server for this location.	IPAddress
	LastDirectoryPushDate	datetime (8 bytes)	The time and date of the last manual directory push to this VPIM location. NULL indicates no push has taken place.	
	ListContactsInDirectory	smallint (2 bytes)	A flag indicating whether a contact should be listed in the phone directory for outside callers, when a contact is automatically created. Default value is 0. Values: 0: Do not list contact in directory 1: List contact in directory	Bool
	LocalPhonePrefix	varchar (64 characters)	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Contact object	ObjectID
	PushDirectory	smallint (2 bytes)	Tells SMTP service whether or not to execute a manual directory push to this VPIM location.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	RemotePhonePrefix	varchar (64 characters)	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.	
	SmtpDomain	varchar (255 characters)	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtpAddress).	DomainName
	UseSmartSmtpHost	smallint (2 bytes)	A flag indicating whether the Unity Connection SMTP server forwards messages to the SMTP Smart Host for delivery. Values: 0: Do not forward to SMTP Smart Host 1: Forward message to SMTP Smart Host	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_LocationVPIMCreate	Creates a new LocationVPIM object by inserting a new row into tbl_LocationVPIM. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.
csp_LocationVPIMDelete	Deletes a LocationVPIM object from tbl_LocationVPIM as specified by the @ObjectId parameter.
csp_LocationVPIMModify	Updates the attributes of a LocationVPIM object and those attributes of a Location object relevant based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVPIM and Location objects that are updated.

Column Properties

AudioFormatIncoming

Property Name	Value
Description:	An enumeration indicating whether incoming VPIM messages from the remote system corresponding to this location should be converted to another audio format.
Notes:	Values: 0: No conversion 1: System default
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.AudioFormatIncoming
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	VpimAudioFormatIncoming
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AudioFormatOutgoing

Property Name	Value
Description:	An enumeration indicating whether VPIM messages from Unity to the remote system corresponding to this location should be converted to another audio format.
Notes:	Values: 0: No conversion. 1: System default
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.AudioFormatOutgoing
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	VpimAudioFormatOutgoing
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AutoCreateDisplayNameRule

Property Name	Value
Description:	Indicates how text names on incoming messages will be mapped to the display name for auto-created contacts. A value of NULL indicates the text name is mapped directly to the display name of the contact. A non-null value indicates this is a custom rule that defines the mapping of the text name to the display name. Example: <FirstName>, <LastName>
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.AutoCreateDisplayNameRule
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AutoCreateExtensionRule

Property Name	Value
Description:	An enumeration indicating how the phone number on incoming VPIM messages should be mapped to the extension for the auto-created contact.
Notes:	Values: 0: Extension is same as phone number 1: Form extension by removing remote phone prefix from phone number 2: Form extension by adding location dial ID in front of phone number 3: Form extension by removing remote phone prefix from phone number, and then add location dial ID in front of phone number
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.AutoCreateExtensionRule
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	VpimAutoCreateExtensionRule
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ContactTemplateObjectId

Property Name	Value
Description:	The template upon which to base new contacts created whose destination for messages is this LocationVPIM.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.ContactTemplateObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestinationType

Property Name	Value
Description:	For delivery locations, the destination type for that location, e.g. SMTP, AMIS, VPIM, Bridge.
Notes:	Values: 1: Cisco Unity Connection location. 2: SMTP location. 5: AMIS location. 7: Cisco Unity Connection Bridge. 8: VPIM location.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Location.DestinationType
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	DestinationType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DialingDomainName

Property Name	Value
Description:	The name of the dialing domain of which this location is a member.
Notes:	<p>A dialing domain is a collection of Unity VMS servers for which access codes or any other type of prefixing is not required to dial between the subscribers that are homed on each VMS server. A dialing domain provides a means to set the search scope for message addressing and for call transfers from the auto attendant and directory handler(s).</p> <p>Note that the dialing domain name is case sensitive and must be entered the same on all Cisco Unity Connection VMS servers that are members of the dialing domain.</p> <p>There is no limit to the number of Cisco Unity Connection VMS servers that can be assigned to a single dialing domain, and there is no limit to the number of dialing domains. However, a Cisco Unity Connection VMS server can be a member of only one dialing domain.</p>
Business Rules:	A Cisco Unity Connection VMS server can be a member of only one dialing domain.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DialingDomainName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	The name of a location must be unique.
Developer Notes:	
Table/Column Mapping:	tbl_Location.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)

Property Name	Value
Validation - Expression:	^[a-zA-Z0-9\-_\.@,;\+\\ %\?\\(\)~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAGC

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should apply software-based gain control to messages received from this VPIM location.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.EnableAGC
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAutoCreateContact

Property Name	Value
Description:	A flag indicating whether a contact is automatically created when messages are received from senders at this location.
Notes:	Values: 0: A contact is not created when messages are received from senders at this location. 1: A contact is automatically created when messages are received from senders at this location.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_LocationVPIM.EnableAutoCreateContact
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAutoCreateNoVoiceName

Property Name	Value
Description:	A flag indicating whether a contact is automatically created/updated when the incoming VPIM message does not include a recorded voice name.
Notes:	Values: 0: A contact is not automatically created/updated when the incoming VPIM message does not include a recorded voice name. 1: A contact is automatically created/updated when the incoming VPIM message does not include a recorded voice name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.EnableAutoCreateNoVoiceName
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAutoDeleteContact

Property Name	Value
Description:	A flag indicating whether a contact is automatically deleted when an NDR is received.
Notes:	Values: 0: Contact is not deleted when an NDR is received. 1: Contact is automatically deleted when an NDR is received.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.EnableAutoDeleteContact
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAutoUpdateContact

Property Name	Value
Description:	An enumeration indicating whether a contact is automatically updated when messages are received from senders at this location, and if so, under what condition the contact is updated.
Notes:	Values: 0: No automatic update of contacts 1: Automatically update contact only when the text name changes 2: Automatically update contact with each VPIM message
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.EnableAutoUpdateContact
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	VpimEnableAutoUpdateContact
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableAutoUpdateContactDisplayName

Property Name	Value
Description:	A flag indicating whether a contact's display name is updated when a contact is automatically updated.
Notes:	Values: 0: Contact's display name is not updated when a contact is automatically updated. However, when a contact is automatically updated, the contact's first name, last name, recorded voice name will be updated. 1: Contact's display name is updated when a contact is automatically updated.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.EnableAutoUpdateContactDisplayName
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableOutgoingPrivateMessages

Property Name	Value
Description:	A flag indicating whether outgoing messages can be marked "Private."
Notes:	Values: 0: Outgoing messages cannot be marked "private." 1: Outgoing messages can be marked "private."
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.EnableOutgoingPrivateMessages
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableOutgoingSecureMessages

Property Name	Value
Description:	A flag indicating whether outgoing messages can be marked "Secure."
Notes:	Values: 0: Outgoing messages cannot be marked "secure." 1: Outgoing messages can be marked "secure."
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.EnableOutgoingSecureMessages
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeSenderVoiceName

Property Name	Value
Description:	A flag indicating whether Unity adds the sender's recorded voice name to an outgoing VPIM message.

Property Name	Value
Notes:	Values: 0: Do not include sender's voice name with outgoing VPIM message 1: Include sender's voice name with outgoing VPIM message
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.IncludeSenderVoiceName
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IpAddress

Property Name	Value
Description:	The IP address of the VPIM server for this location.
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.IpAddress
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	IPAddress
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	^0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\.0*([1-9]?[d 1\d 2[0-4]\d 25[0-5])\$
Validation - Description:	IPv4 Address= X.X.X.X where X=0..255. Allows the use of leading zeros. For example, 019.021.055.001
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastDirectoryPushDate

Property Name	Value
Description:	The time and date of the last manual directory push to this VPIM location. NULL indicates no push has taken place.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.LastDirectoryPushDate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ListContactsInDirectory

Property Name	Value
Description:	A flag indicating whether a contact should be listed in the phone directory for outside callers, when a contact is automatically created. Default value is 0. Values: 0: Do not list contact in directory 1: List contact in directory
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.ListContactsInDirectory
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocalPhonePrefix

Property Name	Value
Description:	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.LocalPhonePrefix
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PushDirectory

Property Name	Value
Description:	Tells SMTP service whether or not to execute a manual directory push to this VPIM location.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.PushDirectory
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RemotePhonePrefix

Property Name	Value
Description:	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.RemotePhonePrefix

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtDomain

Property Name	Value
Description:	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtAddress).
Notes:	<p>The domain name is required by UMSS, and for the VPIM networking options. Both of these networking options use the Simple Mail Transfer Protocol (SMTP) for messaging between the local Cisco Unity Connection VMS server and the remote voice messaging system. When a subscriber on the local Cisco Unity Connection VMS server addresses a message to a remote user, Cisco Unity Connection uses the SMTP Domain Name to construct a From address, which is required by SMTP. Messages that are missing the domain name in the From address will not be delivered. Additionally, a valid From address allows the remote recipient to reply to the message.</p> <p>The syntax specification for this column is based on RFC 1035 (Domain Names - Implementation and Specification) and RFC 2282 (Internet Message Format). The syntax allows "host name" and FQDN as valid domain name.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Location.SmtDomain
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DomainName
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^([a-zA-Z](\-[a-zA-Z\d]*[a-zA-Z\d])?.)([a-zA-Z\d])+\$.

Property Name	Value
Validation - Description:	<code><domain> ::= <subdomain> " "</code> <code><subdomain> ::= <label> <subdomain> "." <label></code> <code><label> ::= <letter> [[<ldh-str>] <let-dig>]</code> <code><ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str></code> <code><let-dig-hyp> ::= <let-dig> "-"</code> The labels must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UseSmartSmtpHost

Property Name	Value
Description:	A flag indicating whether the Unity Connection SMTP server forwards messages to the SMTP Smart Host for delivery. Values: 0: Do not forward to SMTP Smart Host 1: Forward message to SMTP Smart Host
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocationVPIM.UseSmartSmtpHost
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.96. vw_LoggerDiagnosticGrid

A simple view for tbl_LoggerDiagnosticGrid.
Diagnostic data used by the Log Manager and the UDT.

Additional Information

This information was formerly stored in the registry under AvLogMgr\Diagnostic Grid. Only the flags, default flags and date/time of last change are stored here. The level descriptions are in an external XML file, which is only used by the UDT.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DefaultFlags	int (4 bytes)	The default grid flags.	
	Flags	int (4 bytes)	The current grid flags.	
	LastChange	datetime (8 bytes)	The date and time of the last change.	
	Name	nvarchar (64 characters)	The text name of the diagnostic grid.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a LoggerDiagnosticGrid object.	ObjectID

Stored Procedures

Name	Description
csp_LoggerDiagnosticGridModify	Updates the attributes of a LoggerDiagnosticGrid object based on the values passed in via the parameters. The @ObjectId parameter identifies the LoggerDiagnosticGrid object that is updated.

Column Properties

DefaultFlags

Property Name	Value
Description:	The default grid flags.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_LoggerDiagnosticGrid.DefaultFlags
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Flags

Property Name	Value
Description:	The current grid flags.
Notes:	If NULL, use DefaultFlags.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LoggerDiagnosticGrid.Flags
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastChange

Property Name	Value
Description:	The date and time of the last change.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	Currently Optional: to replace broadcast setting in tbl_Configuration. This value will be maintained by the stored procedures.
Table/Column Mapping:	tbl_LoggerDiagnosticGrid.LastChange
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Name

Property Name	Value
Description:	The text name of the diagnostic grid.
Notes:	This value must match the exact name attribute of the DiagnosticGrid in the DiagnosticGrids_XXX.xml file.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LoggerDiagnosticGrid.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a LoggerDiagnosticGrid object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_LoggerDiagnosticGrid.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.97. vw_LoggerJavaMapping

Simple view for tbl_LoggerJavaMapping

Maps java classes and packages to a logger index from 0 to 31 on a diagnostic grid.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Classes	lvarchar (2048 characters)	Java classes and packages to map to this flag (comma separated).	
PK	Flag	int (4 bytes)	Diagnostic flag this corresponds to (from 0 to 31).	
PK	LoggerDiagnostic-GridObjectId	char (36 characters)	Diagnostic grid this mapping is associated with.	ObjectID
	OffLevel	smallint (2 bytes)		JavaLogLevel
	OnLevel	smallint (2 bytes)		JavaLogLevel

Stored Procedures

Name	Description

Column Properties

Classes

Property Name	Value
Description:	Java classes and packages to map to this flag (comma separated).
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LoggerJavaMapping.Classes
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Flag

Property Name	Value
Description:	Diagnostic flag this corresponds to (from 0 to 31).
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LoggerJavaMapping.Flag
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	31

LoggerDiagnosticGridObjectId

Property Name	Value
Description:	Diagnostic grid this mapping is associated with.
Notes:	This, plus the index, make up the PK for the table.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_LoggerJavaMapping.LoggerDiagnosticGridObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OffLevel

Property Name	Value
Description:	
Notes:	Values: 0: All 1: Debug 2: Info 3: Warn 4: Error 5: Fatal 6: Off
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LoggerJavaMapping.OffLevel
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	JavaLogLevel
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

OnLevel

Property Name	Value
Description:	
Notes:	Values: 0: All 1: Debug 2: Info 3: Warn 4: Error 5: Fatal 6: Off
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LoggerJavaMapping.OnLevel
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	JavaLogLevel
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.98. vw_Mailbox

A mapping between a user and their mailbox in the Unity Message Store Solution (UMSS) or other message store such as Exchange or Domino.

Additional Information

This view is comprised of all the columns in the tbl_MailboxMap table for a user object that is NOT a template.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	IsPrimary	smallint (2 bytes)	A flag indicating whether this mailbox is the primary mailbox of the user.	Bool
	LastGuiAccessTime	datetime (8 bytes)	The last time the user accessed their this mailbox through the GUI.	
	LastTuiAccessTime	datetime (8 bytes)	The last time the user accessed their this mailbox through the TUI.	
PK	MailboxId	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.	
	MailboxLoginType	int (4 bytes)	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)	MailboxLoginType
	MailboxPassword	varchar (254 characters)	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.	
PK	MailboxStoreObjectId	char (36 characters)	The unique identifier of the MailboxStore object to which this mailbox belongs.	ObjectID
	UserObjectId	char (36 characters)	The unique identifier of the User account object to which this mailbox belongs.	ObjectID
	WebdavUrl	lvarchar (256 characters)	Relative URL for mailbox access on server.	

Stored Procedures

Name	Description
csp_MailboxMapCreate	Creates a mapping of a user with their mailboxid in Unity Message Store Solution (UMSS) or other message store such as Exchange or Domino.
csp_MailboxMapDelete	Deletes a specified mapping of a mailbox with a user.
csp_MailboxMapModify	Updates the attributes of a specified instance of a MailBoxMap object based on the values passed in via the parameters.

Column Properties

IsPrimary

Property Name	Value
Description:	A flag indicating whether this mailbox is the primary mailbox of the user.
Notes:	
Business Rules:	User must have one and only one primary mailbox.
Developer Notes:	In the future, users will be allowed to have more than a single mailbox.
Table/Column Mapping:	tbl_MailboxMap.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastGuiAccessTime

Property Name	Value
Description:	The last time the user accessed their this mailbox through the GUI.
Notes:	A NULL value indicates the mailbox has never been access via the GUI. Timestamp stored in GMT.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.LastGuiAccessTime
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

LastTuiAccessTime

Property Name	Value
Description:	The last time the user accessed their this mailbox through the TUI.
Notes:	A NULL value indicates the mailbox has never been access via the TUI. Timestamp stored in GMT.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.LastTuiAccessTime
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	For users with mailboxes on UMSS, the objectid of the UMSS mailbox object is contained here. For users with mailboxes on an other mail store such as Exchange or Domino, the user's legacy Exchange DN or primary SMTP address is stored here.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	

Property Name	Value
SQL Data Type/Length:	nvarchar (110 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	110 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxLoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)
Notes:	Applies only to MPE currently. Values: 0: Users alias used for login 1: Login as guest 2: Login using mailboxid (or part of it)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxLoginType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailboxLoginType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxPassword

Property Name	Value
Description:	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.
Notes:	Encrypted/decrypted by clients.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxPassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxStoreObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User account object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.UserObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

WebdavUrl

Property Name	Value
Description:	Relative URL for mailbox access on server.
Notes:	Used for Webdav access, this is usually a url comprised of the users alias, but that is not always the case, so it is in a separate column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.WebdavUrl
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.99. vw_MailboxMap

A mapping between a user and their mailbox in the Unity Message Store Solution (UMSS) or other message store such as Exchange or Domino.

Additional Information

See vw_Mailbox

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	IsPrimary	smallint (2 bytes)	A flag indicating whether this mailbox is the primary mailbox of the user.	Bool
	LastGuiAccessTime	datetime (8 bytes)	The last time the user accessed their this mailbox through the GUI.	
	LastTuiAccessTime	datetime (8 bytes)	The last time the user accessed their this mailbox through the TUI.	
PK	MailboxId	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.	
	MailboxLoginType	int (4 bytes)	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)	MailboxLoginType
	MailboxPassword	varchar (254 characters)	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.	
PK	MailboxStoreObjectId	char (36 characters)	The unique identifier of the MailboxStore object to which this mailbox belongs.	ObjectID
	UserObjectId	char (36 characters)	The unique identifier of the User account object to which this mailbox belongs.	ObjectID
	WebdavUrl	lvarchar (256 characters)	Relative URL for mailbox access on server.	

Stored Procedures

Name	Description
csp_MailboxMapCreate	Creates a mapping of a user with their mailboxid in Unity Message Store Solution (UMSS) or other message store such as Exchange or Domino.
csp_MailboxMapDelete	Deletes a specified mapping of a mailbox with a user.
csp_MailboxMapModify	Updates the attributes of a specified instance of a MailBoxMap object based on the values passed in via the parameters.

Column Properties

IsPrimary

Property Name	Value
Description:	A flag indicating whether this mailbox is the primary mailbox of the user.
Notes:	
Business Rules:	User must have one and only one primary mailbox.
Developer Notes:	In the future, users will be allowed to have more than a single mailbox.
Table/Column Mapping:	tbl_MailboxMap.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastGuiAccessTime

Property Name	Value
Description:	The last time the user accessed their this mailbox through the GUI.
Notes:	A NULL value indicates the mailbox has never been access via the GUI. Timestamp stored in GMT.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.LastGuiAccessTime
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

LastTuiAccessTime

Property Name	Value
Description:	The last time the user accessed their this mailbox through the TUI.
Notes:	A NULL value indicates the mailbox has never been access via the TUI. Timestamp stored in GMT.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.LastTuiAccessTime
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	For users with mailboxes on UMSS, the objectid of the UMSS mailbox object is contained here. For users with mailboxes on an other mail store such as Exchange or Domino, the user's legacy Exchange DN or primary SMTP address is stored here.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	

Property Name	Value
SQL Data Type/Length:	nvarchar (110 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	110 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxLoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)
Notes:	Applies only to MPE currently. Values: 0: Users alias used for login 1: Login as guest 2: Login using mailboxid (or part of it)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxLoginType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailboxLoginType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxPassword

Property Name	Value
Description:	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.
Notes:	Encrypted/decrypted by clients.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxPassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxStoreObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User account object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.UserObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

WebdavUrl

Property Name	Value
Description:	Relative URL for mailbox access on server.
Notes:	Used for Webdav access, this is usually a url comprised of the users alias, but that is not always the case, so it is in a separate column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.WebdavUrl
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.100. vw_MailboxStoreMap

A simple view for tbl_MailboxStoreMap.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DbInstance	lvarchar (256 characters)	The name of the dbinstance on which the mailbox store resides.	
	DialString	nvarchar (40 characters)	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.	PhoneNumberE123
	DisplayName	nvarchar (64 characters)	A descriptive name for the Message Store.	
	MailboxStoreType	int (4 bytes)	The type of mailbox store (e.g., UMSS).	MailboxStore-Type
	MailDatabase	lvarchar (512 characters)	The name of the mailbox database, such as "UnityMbxDb1."	
	Mounted	smallint (2 bytes)	A flag indicating whether the mailbox store is mounted.	Bool
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.	ObjectID
	RequiredSecurity	int (4 bytes)	The method of encryption that Cisco Unity Connection will use on a mailstore connection.	MailstoreCon- nectionEn- ryption
	Server	lvarchar (256 characters)	The name of the server on which the mailbox store resides.	
	ServiceAlias	lvarchar (256 characters)	The unique text name (alias) for a service to use to logon to mailbox store for message retrieval.	
	ServicePassword	varchar (254 characters)	The password for a service to use to logon to mailbox store for message retrieval.	

Stored Procedures

Name	Description
csp_MailboxStoreMapCreate	Creates a new MailboxStoreMap object by inserting a new row into tbl_MailboxStoreMap. A MailboxStoreMap object maps a mailbox database with a grouping of mailboxes for administrative purposes.

Name	Description
csp_MailboxStoreMapDelete	Deletes a MailboxStoreMap object from tbl_MailboxStoreMap as specified by the @ObjectId parameter.
csp_MailboxStoreMapModify	Updates the attributes of a MailboxStoreMap object based on the values passed in via the parameters. The @ObjectId parameter identifies the MailboxStoreMap object that is updated.

Column Properties

DbInstance

Property Name	Value
Description:	The name of the dbinstance on which the mailbox store resides.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.DbInstance
Primary Key:	False
Allow Null:	False
Default Value:	ciscountry
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DialString

Property Name	Value
Description:	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Notes:	Valid only for a MeetingPlace Express external service.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.DialString

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	A descriptive name for the Message Store.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxStoreType

Property Name	Value
Description:	The type of mailbox store (e.g., UMSS).

Property Name	Value
Notes:	Values: 0: UMSS - Cisco Unity Connection message store solution. 1: IMAP - external, non-UMSS, mailstore accessed via IMAP. 2: POP3 - external, non-UMSS, mailstore accessed via POP3. 3: WebDAV - used to retrieve personal contacts (although could potentially be used to get messages) 4: Used by the Common Calendaring Library to retrieve calendaring and meeting information from the Meeting Place Express web service.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.MailboxStoreType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailboxStoreType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailDatabase

Property Name	Value
Description:	The name of the mailbox database, such as "UnityMbxDb1."
Notes:	A VMS can contain multiple mailbox databases. For UMSS, all the mailbox databases are a single instance of SqlServer, but each mailbox database must have a unique name. For UMSS, mailbox database is a conceptual grouping of a Mail Information Store and a Mail Attachment Store pair. Voice Message Header information is stored within the Mail Information Store, while Voice Message Attachment information is stored the Mail Attachment store. See UMSS section of the data dictionary for more information.
Business Rules:	
Developer Notes:	For external IMAP mailstores this value will be NULL.
Table/Column Mapping:	tbl_MailboxStoreMap.MailDatabase
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (512 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Mounted

Property Name	Value
Description:	A flag indicating whether the mailbox store is mounted.
Notes:	Clients should check this setting before accessing the mailbox store database. Tools can set it to denote that a mailbox store is offline when offline database maintenance needs to be performed.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.Mounted
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ObjectId
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiredSecurity

Property Name	Value
Description:	The method of encryption that Cisco Unity Connection will use on a mailstore connection.
Notes:	Values: 0: No encryption. 1: TLS level encryption. 2: SSL encryption. 3: IPSec encryption.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.RequiredSecurity
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailstoreConnectionEncryption
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Server

Property Name	Value
Description:	The name of the server on which the mailbox store resides.
Notes:	For UMSS, the server name within the VMS configuration.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.Server
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ServiceAlias

Property Name	Value
Description:	The unique text name (alias) for a service to use to logon to mailbox store for message retrieval.
Notes:	Must have access to all users messages ("superuser").
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ServiceAlias
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ServicePassword

Property Name	Value
Description:	The password for a service to use to logon to mailbox store for message retrieval.
Notes:	Encrypted/decrypted by clients.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ServicePassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.101. vw_MediaPort

A representation of a single generalized phone line/station. Cisco Unity Connection uses the configuration settings in this table to emulate a single generalized phone line/station.

Additional Information

This view is comprised of all the columns in the tbl_MediaPort table along with the following columns:

- * ObjectId and DisplayName of the parent MediaPortGroup
- * ObjectId and DisplayName of the parent MediaSwitch
- * PIMG port number
- * The Skinny device name

The DisplayName column includes the name of the port along with its port number formatted as <tbl_MediaPort.DisplayName> + '-' + <tbl_MediaPort.PortNumInGroup>.

Note several columns are calculated using columns from MediaPortGroup.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CapAnswer	smallint (2 bytes)	A flag indicating whether the media port is capable of answering calls.	Bool
	CapDeliverAmis	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of delivering AMIS messages.	Bool
	CapEnabled	smallint (2 bytes)	A flag indicating whether the media port is enabled during normal operation.	Bool
	CapMWI	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of turning MWIs on and off.	Bool
	CapNotification	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of notifying subscribers of messages.	Bool
	CapTrapConnection	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of enabling subscribers to use the phone as a recording and playback device in Cisco Unity Connection web applications and e-mail clients.	Bool
	DisplayName	lvarchar (256 characters)	The name of media port.	MediaPortDisplayName
	Extension	varchar (128 characters)	The dialable number (extension) of this line/port.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	HuntOrder	smallint (2 bytes)	The position of this line in the hunt group as configured on the switch, with the highest numbers representing the lines that are first ("use me first") in the hunt group. Ports can have the same HuntOrder, and in that case ports will be selected on a round-robin (or longest-idle) basis.	
	MediaPortGroupDisplay-Name	nvarchar (64 characters)	The name of the parent MediaPortGroup.	
	MediaPortGroupEnableMWI	smallint (2 bytes)	A flag indicating whether this port group can transmit message waiting indicator (MWI) on/off messages to the switch.	Bool
	MediaPortGroupMwiReqPortSpecific	smallint (2 bytes)	A flag indicating whether MWI requests require a MediaPort.	Bool
	MediaPortGroupObjectId	char (36 characters)	The unique identifier of the MediaPortGroup object to which this port belongs.	ObjectID
	MediaSwitchDisplay-Name	nvarchar (64 characters)	The name of the parent MediaSwitch.	
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the parent MediaSwitch.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.	ObjectID
	PimgPortNumber	lvarchar (256 characters)	The port number for PIMG.	
	PortNumInGroup	smallint (2 bytes)	The port number of this line as assigned by Cisco Unity Connection.	
	SipSendPort	int (4 bytes)	UDP port for outgoing SIP messages.	
	SkinnyDeviceCertificate	lvarchar (8000 characters)	The X.509 certificate for this device as a PEM format string (base-64 encoded).	
	SkinnyDeviceCertificate-ChangeId	char (36 characters)	A unique identifier used to track changes to SkinnyDeviceCertificate.	ObjectID
	SkinnyDeviceName	lvarchar (256 characters)	For a CCM SCCP integration, the name of the SCCP device.	
	SkinnyDevicePrivateKey	lvarchar (8000 characters)	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).	
	SkinnyDevicePrivateKeyChangeId	char (36 characters)	A unique identifier used to track changes to SkinnyDevicePrivateKey.	ObjectID
	SkinnyDoMediaEncryption	smallint (2 bytes)	A flag indicating whether the audio stream between Cisco Unity Connection and the remote endpoint should be encrypted.	Bool
	SkinnySecurityModeEnum	smallint (2 bytes)	The security mode used for Skinny protocol sessions.	SkinnySecurityMode
	TelephonyIntegration-MethodEnum	smallint (2 bytes)	The method used to integrate with the switch.	TelephonyIntegration-Method
	VmsServerObjectId	char (36 characters)	The unique identifier of the VMSServer object to which this line belongs.	ObjectID

Stored Procedures

Name	Description
csp_MediaPortCreate	Creates a new MediaPort object by inserting a new row into tbl_MediaPort.
csp_MediaPortDelete	Deletes a MediaPort object from tbl_MediaPort as specified by the @ObjectId parameter.
csp_MediaPortModify	Updates the attributes of a MediaPort object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPort object that is updated.

Column Properties

CapAnswer

Property Name	Value
Description:	A flag indicating whether the media port is capable of answering calls.
Notes:	Values: 0: This media port cannot be used to answer calls. 1: This media port can be used to answer calls. NULL means "not valid in this context."
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.CapAnswer
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CapDeliverAmis

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of delivering AMIS messages.
Notes:	Values: 0: This media port cannot be used to deliver AMIS messages. 1: This media port can be used to deliver AMIS messages. NULL means "not valid in this context."
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.CapDeliverAmis
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CapEnabled

Property Name	Value
Description:	A flag indicating whether the media port is enabled during normal operation.
Notes:	Values: 0: This media port is disabled. Calls to this port get a ringing tone, but are not answered. 1: This media port is enabled.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.CapEnabled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

CapMWI

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of turning MWIs on and off.
Notes:	Values: 0: This media port is not capable of turning MWIs on and off. 1: This media port can be used to turn MWI on and off. NULL means "not valid in this context."
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.CapMWI
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CapNotification

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of notifying subscribers of messages.
Notes:	Values: 0: This media port is not capable of being used for message notification. 1: This media port can be used for message notification. NULL means "not valid in this context."
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_MediaPort.CapNotification
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CapTrapConnection

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of enabling subscribers to use the phone as a recording and playback device in Cisco Unity Connection web applications and e-mail clients.
Notes:	<p>Values:</p> <p>0: This media port is not capable of being used to perform Trap connections.</p> <p>1: This media port can be used to perform Trap connections.</p> <p>NULL means "not valid in this context."</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.CapTrapConnection
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The name of media port.
Notes:	Constructed using: <tbl_MediaPortGroup.DisplayName> + "-" + <tbl_MediaPort.PortNumberInGroup>. For example, if a MediaPort has PortNumInGroup=3 and the parent group has DisplayName="MyPortGroup", the display name for the port is "MyPortGroup-3". See "PortNumInGroup" for more information.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	MediaPortDisplayName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Extension

Property Name	Value
Description:	The dialable number (extension) of this line/port.
Notes:	For Cisco Unified Communications Manager, this is a directory number (DN). Does not apply to SIP integrations.
Business Rules:	Pertinent forTelephonyIntegrationMethodEnum NOT= SIP.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.Extension
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (128 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits only
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HuntOrder

Property Name	Value
Description:	The position of this line in the hunt group as configured on the switch, with the highest numbers representing the lines that are first ("use me first") in the hunt group. Ports can have the same HuntOrder, and in that case ports will be selected on a round-robin (or longest-idle) basis.
Notes:	<p>To determine what port to use for an outgoing call or MWI request, the Resource Manager examines the HuntOrder of all the MediaPort objects that are (1) assigned the switch to which the call or MWI request should be directed and (2) allowed to perform the requested function. The Resource Manager selects the available MediaPort with the highest HuntOrder. Selecting the highest available HuntOrder is intended to avoid collisions with incoming calls, which the switch will tend to direct to the lowest-numbered ports.</p> <p>Thus HuntOrder is a relative ranking between MediaPorts assigned to the same switch. It doesn't necessarily need to exactly match the programming on the switch.</p>
Business Rules:	Hunt order is not available for SIP ports. However, hunt order is available for PIMG ports.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.HuntOrder
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	4096

MediaPortGroupDisplayName

Property Name	Value
Description:	The name of the parent MediaPortGroup.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupEnableMWI

Property Name	Value
Description:	A flag indicating whether this port group can transmit message waiting indicator (MWI) on/off messages to the switch.
Notes:	Values: 0: Cannot transmit MWI 1: Can transmit MWI
Business Rules:	
Developer Notes:	The purpose of this column is to help the SA determine whether to display the capMWI value for the port. It allows them to do so without querying the database to read the port group for each port.
Table/Column Mapping:	tbl_MediaPortGroup.EnableMWI
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupMwiReqPortSpecific

Property Name	Value
Description:	A flag indicating whether MWI requests require a MediaPort.
Notes:	Values: 0: Media port not required for MWI's 1: MWI's require a media port
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	The purpose of this column is to help the SA determine whether to display the capMWI value for the port. It allows them to do so without querying the database to read the port group for each port.
Table/Column Mapping:	tbl_MediaPortGroup.MwiReqPortSpecific
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object to which this port belongs.
Notes:	FK to MediaPortGroup.ObjectId
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.MediaPortGroupObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchDisplayName

Property Name	Value
Description:	The name of the parent MediaSwitch.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the parent MediaSwitch.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PimgPortNumber

Property Name	Value
Description:	The port number for PIMG.
Notes:	Derived from PortNumInGroup. See "PortNumInGroup" for more information.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	lvvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PortNumInGroup

Property Name	Value
Description:	The port number of this line as assigned by Cisco Unity Connection.
Notes:	<p>PortNumInGroup is used for two purposes:</p> <ul style="list-style-type: none"> * Derive display name for the port. The display name for a MediaPort object is calculated on the fly by the system (database views) as: [Display name of the parent MediaPortGroup]-[PortNumInGroup]. For example, if a MediaPort has PortNumInGroup=3 and the parent group has DisplayName="MyPortGroup", the display name for the port is "MyPortGroup-3". * PIMG port number (for PIMG integrations only). PIMG devices have eight ports numbered 1-8. <p>PortNumInGroup is assigned by the database when a MediaPort row is inserted. The value cannot be modified. In general, Cisco Unity Connection Administration will create ports so that ports are numbered sequentially starting at one. However, it's possible for a gap in the numbering to be created if the user deletes a port falling in the middle of the sequence.</p>
Business Rules:	Minimum value = 1. For PIMG integrations, maximum value is 8 (use CHECK constraint). Unique [MediaPortGroupObjectId,PortNumInGroup] (in index).
Developer Notes:	Max is 999 because vw_MediaPort formats as three character string
Table/Column Mapping:	tbl_MediaPort.PortNumInGroup
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	999

SipSendPort

Property Name	Value
Description:	UDP port for outgoing SIP messages.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.SipSendPort
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

SkinnyDeviceCertificate

Property Name	Value
Description:	The X.509 certificate for this device as a PEM format string (base-64 encoded).
Notes:	Used in TLS handshake.
Business Rules:	Pertinent only if TelephonyIntegrationMethodEnum = Skinny
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.SkinnyDeviceCertificate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (8000 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8000 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDeviceCertificateChangeId

Property Name	Value
Description:	A unique identifier used to track changes to SkinnyDeviceCertificate.
Notes:	This column is assigned a new value whenever a SkinnyDeviceCertificate is modified.
Business Rules:	
Developer Notes:	Any client (e.g., Modify proc) modifying SkinnyDeviceCertificate is responsible for setting SkinnyDeviceCertificateChangeId to a new value at the same time.
Table/Column Mapping:	tbl_MediaPort.SkinnyDeviceCertificateChangeId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDeviceName

Property Name	Value
Description:	For a CCM SCCP integration, the name of the SCCP device.
Notes:	SkinnyDeviceName is formed using: <tbl_MediaPortGroup.SkinnyDevicePrefix> + tbl_MediaPort.PortNumInGroup>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SkinnyDevicePrivateKey

Property Name	Value
Description:	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Notes:	
Business Rules:	Pertinent only if TelephonyIntegrationMethodEnum = Skinny
Developer Notes:	The key is encrypted using a symmetric algorithm known to the key generation facility and the Skinny TSP.
Table/Column Mapping:	tbl_MediaPort.SkinnyDevicePrivateKey
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (8000 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8000 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDevicePrivateKeyChangeId

Property Name	Value
Description:	A unique identifier used to track changes to SkinnyDevicePrivateKey.
Notes:	This column is assigned a new value whenever SkinnyDevicePrivateKey is modified.
Business Rules:	
Developer Notes:	Any client (e.g., Modify proc) modifying SkinnyDevicePrivateKey is responsible for setting SkinnyDevicePrivateKeyChangeId to a new value at the same time.
Table/Column Mapping:	tbl_MediaPort.SkinnyDevicePrivateKeyChangeId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDoMediaEncryption

Property Name	Value
Description:	A flag indicating whether the audio stream between Cisco Unity Connection and the remote endpoint should be encrypted.
Notes:	Values: 0: No encryption - Real-time Transport Protocol (RTP) 1: Encrypted - Secure Real-time Transport Protocol (SRTP)
Business Rules:	Pertinent only if TelephonyIntegrationMethodEnum = Skinny and SkinnySecurityModeEnum is not Insecure.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.SkinnyDoMediaEncryption
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnySecurityModeEnum

Property Name	Value
Description:	The security mode used for Skinny protocol sessions.

Property Name	Value
Notes:	FK to SkinnySecurityModeEnum.Enum Values: 0: Insecure - normal non-TLS connection. 1: Authenticated - TLS connection with cipher NULL-SHA. 2: Encrypted - data is encrypted.
Business Rules:	Pertinent only if TelephonyIntegrationMethodEnum = Skinny.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.SkinnySecurityModeEnum
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	SkinnySecurityMode
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used to integrate with the switch.
Notes:	TelephonyIntegrationMethodEnum.Enum Values: 1: Skinny Client Control Protocol (SCCP) integration method. 2: Session Initiation Protocol (SIP) integration method. 3: Intel PBX IP Media Gateway (PIMG) integration method.
Business Rules:	Once a instance of this object has been created, this value can never be modified.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.TelephonyIntegrationMethodEnum
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	TelephonyIntegrationMethod
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object to which this line belongs.
Notes:	FK to VMSServer.ObjectId
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.VmsServerObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.102. vw_MediaPort_HavingActivePortMemoryRefs

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	lvarchar (256 characters)		MediaPortDisplayName
	NumNotificationMwi	int (4 bytes)		
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.	ObjectID

Stored Procedures

vw_MediaPort_HavingActivePortMemoryRefs has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	MediaPortDisplayName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NumNotificationMwi

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.103. vw_MediaPort_UsingMediaPortGroupIPPort

Shows IP ports on the Cisco Unity Connection server reserved for use by telephony ports.

Additional Information

This view is not exposed through the SA.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	IpPort	int (4 bytes)	The IP port number.	
	IpPortPurposeEnum	smallint (2 bytes)	The purpose for which this IP port is used.	IPPortPurpose
	MediaPortDisplayName	nvarchar (256 characters)	The name of media port.	
	MediaPortGroupDisplay- Name	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	MediaPortGroupIPPortObjectID	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.	ObjectID
	MediaPortGroupIP- PortVMSServerObjectID	char (36 characters)	The unique identifier of the VMSServer object on which this IP port is located.	ObjectID
PK	MediaPortGroupObject- Id	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID
PK	MediaPortObjectID	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.	ObjectID
	MediaPortVMSServer- Name	nvarchar (64 characters)	The name of the server.	
	MediaPortVMSServer- ObjectID	char (36 characters)	The unique identifier of the VMSServer object to which this line belongs.	ObjectID
	TelephonyIntegration- MethodEnum	smallint (2 bytes)	The method used by lines in this group to integrate with the switch.	TelephonyIn- tegration- Method

Stored Procedures

vw_MediaPort_UsingMediaPortGroupIPPort has no stored procedures.

Column Properties

IpPort

Property Name	Value
Description:	The IP port number.
Notes:	
Business Rules:	Range: 0-65535. When an instance of a MediaPortGroupIPPort object is created or the value of IPPort is modified, the value should fall within the range(s) specified in IPPortReservation for the same Purpose.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupIPPort.IpPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

IpPortPurposeEnum

Property Name	Value
Description:	The purpose for which this IP port is used.
Notes:	Values: 505: Incoming SIP call control to establish media session 506: Outgoing SIP UDP 507: RTP and RTCP 508: All SMTP traffic
Business Rules:	
Developer Notes:	In Kubrick 1, used only to store SIP port assignments.
Table/Column Mapping:	tbl_MediaPortGroupIPPort.IpPortPurposeEnum
Primary Key:	False
Allow Null:	False
Default Value:	500
Custom Type:	IPPortPurpose
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortDisplayName

Property Name	Value
Description:	The name of media port.
Notes:	Constructed using: <tbl_MediaPortGroup.DisplayName> + "-" + <tbl_MediaPort.PortNumberInGroup>. For example, if a MediaPort has PortNumInGroup=3 and the parent group has DisplayName="MyPortGroup", the display name for the port is "MyPortGroup-3".
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupDisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupIPPortObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupIPPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupIPPortVMSServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object on which this IP port is located.

Property Name	Value
Notes:	FK to VMSServer.ObjectId
Business Rules:	Unique: [VMSServerObjectId,IPPort] - A port number cannot be assigned more than once on each VMS server.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupIPPort.VmsServerObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortVMSServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\-*]\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

MediaPortVMSServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object to which this line belongs.
Notes:	FK to VMSServer.ObjectId
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.VmsServerObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used by lines in this group to integrate with the switch.
Notes:	FK to TelephonyIntegrationMethodEnum.Enum. Values: 1: Skinny Client Control Protocol (SCCP) integration method. 2: Session Initiation Protocol (SIP) integration method. 3: Intel PBX IP Media Gateway (PIMG) integration method.
Business Rules:	Once a instance of this object has been created, this value can never be modified.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.TelephonyIntegrationMethodEnum
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	TelephonyIntegrationMethod

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.104. vw_MediaPort_UsingMediaRemoteService

Shows remote IP telephony endpoints with which each Cisco Unity Connection telephony port interacts.

Additional Information

This view is not exposed through the SA.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	HostOrIPAddress	lvarchar (256 characters)	The DNS name or IP address of the computer hosting the remote service .	
	MediaPortDisplayName	lvarchar (256 characters)	The name of the media port.	MediaPortDisplayName
	MediaPortGroupDisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	MediaPortGroupObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID
PK	MediaPortObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.	ObjectID
	MediaRemoteServiceEnum	smallint (2 bytes)	The type of IP service.	MediaRemoteService
PK	MediaRemoteServiceObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.	ObjectID

Stored Procedures

vw_MediaPort_UsingMediaRemoteService has no stored procedures.

Column Properties

HostOrIPAddress

Property Name	Value
Description:	The DNS name or IP address of the computer hosting the remote service .
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.HostOrIPAddress
Primary Key:	False
Allow Null:	False
Default Value:	127.0.0.1
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortDisplayName

Property Name	Value
Description:	The name of the media port.
Notes:	Constructed using: <tbl_MediaPortGroup.DisplayName> + "-" + <tbl_MediaPort.PortNumberInGroup>. For example, if a MediaPort has PortNumInGroup=3 and the parent group has DisplayName="MyPortGroup", the display name for the port is "MyPortGroup-3".
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	MediaPortDisplayName
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupDisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

MediaPortObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaRemoteServiceEnum

Property Name	Value
Description:	The type of IP service.
Notes:	MediaRemoteServiceEnum is the discriminator that determines whether the two columns MediaSwitchObjectId and MediaPortGroupObjectId must be non-NULL or NULL. Values: 100: Cisco Unified Communications Manager server. 101: Cisco Unified Communications Manager Trivial File Transfer Protocol service. 102: SIP proxy server. 103: Cisco Unified Communications Manager AXL service 104: PIMG 105: Automatic Speech Recognition media server. 106: Text-To-Speech media server.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_MediaRemoteService.MediaRemoteServiceEnum
Primary Key:	False
Allow Null:	False
Default Value:	100
Custom Type:	MediaRemoteService
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaRemoteServiceObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.105. vw_MediaPort_VmsServerVPRoleRequiresRest art

A check for a voice processing role that needs to be restarted. Shows the VMS servers where the Voice Processing role needs to be restarted to cause telephony configuration changes to take effect.

Additional Information

Code duplicated from vw_chk_MediaPort_VmsServerVPRoleRequiresRestart because of a chicken and egg scenario when the views are created.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	PortCount	int (4 bytes)		
	VmsServerName	nvarchar (64 characters)	The name of the server.	
PK	VmsServerObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID

Stored Procedures

vw_MediaPort_VmsServerVPRoleRequiresRestart has no stored procedures.

Column Properties

PortCount

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\-*\$]
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectId

Property Name	Value
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.106. vw_MediaPortConfigState

A simple view for tbl_MediaPortConfigState.

Rows in this table checkpoint the last change to telephony port settings that require a service restart to take effect.

Additional Information

The checkpoint is stored in NeedRestartId. If this value is different from the corresponding row in

UnityDynDb:tbl_MediaPortState, then a service restart is necessary in order to cause port configuration changes to take effect.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DateModified	datetime (8 bytes)	The date and time this row was inserted or last modified.	
PK	MediaPortObjectId	char (36 characters)	The unique identifier of the MediaPort object to which this state information pertains.	ObjectID
	NeedRestartId	char (36 characters)	The checkpoint of changes to MediaPort settings that require a restart to take effect.	ObjectID
	NeedRestartIdModifiedBy	nvarchar (128 characters)	The name of the entity that last modified this row.	

Stored Procedures

vw_MediaPortConfigState has no stored procedures.

Column Properties

DateModified

Property Name	Value
Description:	The date and time this row was inserted or last modified.
Notes:	Value is set by ON INSERT/UPDATE triggers.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortConfigState.DateModified
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortObjectId

Property Name	Value
Description:	The unique identifier of the MediaPort object to which this state information pertains.
Notes:	
Business Rules:	
Developer Notes:	Primary key and FK to MediaPort.ObjectId.
Table/Column Mapping:	tbl_MediaPortConfigState.MediaPortObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NeedRestartId

Property Name	Value
Description:	The checkpoint of changes to MediaPort settings that require a restart to take effect.
Notes:	This GUID is updated by triggers on other tables like tbl_MediaPort and tbl_MediaPortGroup whenever a telephony port's configuration settings are updated in such a way that the port needs to be restarted for the changes to take effect. Also see UnityDynDb.tbl_MediaPortState.NeedRestartId .
Business Rules:	Default = newid()

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortConfigState.NeedRestartId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NeedRestartIdModifiedBy

Property Name	Value
Description:	The name of the entity that last modified this row.
Notes:	Usually will contain the name of a trigger.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortConfigState.NeedRestartIdModifiedBy
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.107. vw_MediaPortGroup

A view for tbl_MediaPortGroup plus the name of the parent phone system, and the total number of ports belonging to the MediaPortGroup.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AgcTargetDB	smallint (2 bytes)	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.	
	CcmDoAutoFailback	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.	Bool
	DelayBeforeOpeningMs	smallint (2 bytes)	The delay (in milliseconds) after a call is connected before playing the opening greeting.	
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfDialInterDigit-DelayMs	int (4 bytes)	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.	
	EnableAGC	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.	Bool
	EnableMWI	smallint (2 bytes)	A flag indicating whether this port group can transmit message waiting indicator (MWI) on/off messages to the switch.	Bool
	MediaPortGroupTemplateObjectId	char (36 characters)	The unique identifier of the template from which the MediaPortGroup object was created.	ObjectID
	MediaSwitchDisplay-Name	nvarchar (64 characters)	The name of the parent MediaSwitch.	
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object to which this MediaPortGroup belongs. The MediaSwitch represents the PBX/switch at the other end of the phone lines.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	MwiMaxConcurrentRequests	smallint (2 bytes)	The maximum number of MWI requests that can be in progress at any instant.	
	MwiMinRequestIntervalMs	int (4 bytes)	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.	
	MwiOffCode	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).	MwiCode
	MwiOnCode	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).	MwiCode
	MwiReqPortSpecific	smallint (2 bytes)	A flag indicating whether MWI requests require a MediaPort.	Bool
	MwiRetryCountOnSuccess	smallint (2 bytes)	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.	
	MwiRetryIntervalOnSuccessMs	smallint (2 bytes)	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see MWIRetryIntervalCountOnSuccess.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID
	OutgoingGuardTimeMs	int (4 bytes)	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.	
	OutgoingPostDialDelayMs	int (4 bytes)	The delay (in milliseconds) after dialing an outgoing call.	
	OutgoingPreDialDelayMs	int (4 bytes)	The delay (in milliseconds) before dialing.	
	PortCount	int (4 bytes)	The total number of MediaPorts in the MediaPortGroup.	
	PortNumMax	int (4 bytes)	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.	
	SipAuthenticateAsUser	nvarchar (64 characters)	The user name used for SIP authentication.	
	SipAuthenticatePassword	lvarchar (256 characters)	The password to use during SIP authentication.	
	SipContactLineName	nvarchar (64 characters)	The dialable (extension) number of the lines in this group, i.e., pilot number.	
	SipDoAuthenticate	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.	Bool
	SipRegisterWithProxyServer	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	SipTransportProtocolEnum	smallint (2 bytes)	The transport protocol Cisco Unity Connection should use for the SIP integration.	SIPTransport-Protocol
	SkinnyDevicePrefix	nvarchar (48 characters)	The prefix Cisco Unity Connection uses to generate Skinny device name for ports belonging to this group.	
	TelephonyIntegration-MethodEnum	smallint (2 bytes)	The method used by lines in this group to integrate with the switch.	TelephonyIntegration-Method
	WaitForCallInfoMs	int (4 bytes)	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.	

Stored Procedures

Name	Description
csp_MediaPortGroupCreate	Creates a new MediaPortGroup object by inserting a new row into tbl_MediaPortGroup. The new MediaPortGroup object is created by one of three methods: either from a template (tbl_MediaPortGroupTemplate), an existing MediaPortGroup object or from scratch based on the values contained in the input parameters.
csp_MediaPortGroupDelete	Deletes a MediaPortGroup from tbl_MediaPortGroup as specified by the @ObjectId parameter.
csp_MediaPortGroupModify	Updates the attributes of a MediaPortGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPortGroup object that is updated.

Column Properties

AgcTargetDB

Property Name	Value
Description:	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Notes:	<p>AGC will attempt to modify the incoming recording to match AGCTargetDB. This value is in decibels (dB) relative to the maximum amplitude possible for a PCM-encoded waveform, thus it is always less than zero. Values closer to zero are higher volume. Thus -10 dB is louder than -15 dB.</p> <p>AGC only affects recordings made with Cisco Unity Connection. AGC does not directly affect playback.</p>
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_MediaPortGroup.AgcTargetDB
Primary Key:	False
Allow Null:	False
Default Value:	-26
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	-35
Validation - Maximum Value:	-15

CcmDoAutoFailback

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Notes:	Values: 0: Do not failback 1: Failback
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.CcmDoAutoFailback
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DelayBeforeOpeningMs

Property Name	Value
Description:	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Notes:	
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] DelayBeforeOpening.
Table/Column Mapping:	tbl_MediaPortGroup.DelayBeforeOpeningMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfDialInterDigitDelayMs

Property Name	Value
Description:	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DtmfDialInterDigitDelayMs
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	500

EnableAGC

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.EnableAGC
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

EnableMWI

Property Name	Value
Description:	A flag indicating whether this port group can transmit message waiting indicator (MWI) on/off messages to the switch.
Notes:	Values: 0: Cannot transmit MWI 1: Can transmit MWI
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.EnableMWI
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupTemplateObjectId

Property Name	Value
Description:	The unique identifier of the template from which the MediaPortGroup object was created.
Notes:	
Business Rules:	
Developer Notes:	No FK/link in case the template is deleted in future release.
Table/Column Mapping:	tbl_MediaPortGroup.MediaPortGroupTemplateObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchDisplayName

Property Name	Value
Description:	The name of the parent MediaSwitch.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to which this MediaPortGroup belongs. The MediaSwitch represents the PBX/switch at the other end of the phone lines.
Notes:	FK to MediaSwitch.ObjectId
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.MediaSwitchObjectId
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiMaxConcurrentRequests

Property Name	Value
Description:	The maximum number of MWI requests that can be in progress at any instant.
Notes:	Used for "MWI throttling" feature. A value of 0 that this limitation is not in effect.
Business Rules:	Pertinent only if EnableMWI = TRUE and ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] MaximumConcurrentMWIRequests
Table/Column Mapping:	tbl_MediaPortGroup.MwiMaxConcurrentRequests
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	250

MwiMinRequestIntervalMs

Property Name	Value
Description:	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.
Notes:	
Business Rules:	Pertinent only if EnableMWI = TRUE and ALL integrations.

Property Name	Value
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] MinimumMWIRequestInterval. This is used for MWI throttling.
Table/Column Mapping:	tbl_MediaPortGroup.MwiMinRequestIntervalMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	5000

MwiOffCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).
Notes:	PIMG feature access code programmed on the PBX. Skinny/CCM: MWI DN programmed on the cluster.
Business Rules:	Does not apply to SIP or PIMG integrations (Cisco Unity Connection ignores value). For other integration types, pertinent only if EnableMWI = TRUE.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.MwiOffCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	MwiCode
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[0-9A-Za-zPpTtXx#*,]*\$
Validation - Description:	Standard dialstring characters: 0-9, A-D, #, *, comma (pause) and X (primary DTMF ID for subscriber), T (touchtone dialing) and P (pulse dialing).
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiOnCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Notes:	<ul style="list-style-type: none"> * PIMG: feature access code programmed on the PBX. * Skinny/CCM: MWI DN programmed on the cluster.
Business Rules:	Does not apply to SIP or PIMG integrations (Unity ignores value). For other integration types, pertinent only if EnableMWI = TRUE.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.MwiOnCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	MwiCode
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[0-9A-Da-dPpTtXx#*,]*\$
Validation - Description:	Standard dialstring characters: 0-9, A-D, #, *, comma (pause) and X (primary DTMF ID for subscriber), T (touchtone dialing) and P (pulse dialing).
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiReqPortSpecific

Property Name	Value
Description:	A flag indicating whether MWI requests require a MediaPort.
Notes:	Values: 0: Media port not required for MWI's 1: MWI's require a media port
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.MwiReqPortSpecific
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiRetryCountOnSuccess

Property Name	Value
Description:	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Notes:	
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.MwiRetryCountOnSuccess
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

MwiRetryIntervalOnSuccessMs

Property Name	Value
Description:	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see MWIRetryIntervalCountOnSuccess.
Notes:	
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.MwiRetryIntervalOnSuccessMs
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OutgoingGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Notes:	
Business Rules:	
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingGuardTime.
Table/Column Mapping:	tbl_MediaPortGroup.OutgoingGuardTimeMs

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	2500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10000

OutgoingPostDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) after dialing an outgoing call.
Notes:	
Business Rules:	
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingPostDialDelayMs.
Table/Column Mapping:	tbl_MediaPortGroup.OutgoingPostDialDelayMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

OutgoingPreDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) before dialing.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingPreDialDelayMs.
Table/Column Mapping:	tbl_MediaPortGroup.OutgoingPreDialDelayMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

PortCount

Property Name	Value
Description:	The total number of MediaPorts in the MediaPortGroup.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PortNumMax

Property Name	Value
Description:	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.
Notes:	This column comes into play for PIMG port groups (TelephonyIntegrationMethodEnum = 3) It functions as an aid to the Cisco Unity administrator by not permitting the administrator to configure more Cisco Unity telephony ports than the number of ports available on the PIMG or TIMG device. For other types of port groups, the value of this column is typically set to zero by the port group template, which disables the restriction.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.PortNumMax
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	256

SipAuthenticateAsUser

Property Name	Value
Description:	The user name used for SIP authentication.
Notes:	
Business Rules:	Pertinent only if SIPDoAuthenticate=TRUE, in which case should not be empty.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.SipAuthenticateAsUser
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[\\p{L}\\p{Digit}`~!@#%\$%^&x26\\-_{} \\.,']*
Validation - Description:	Any ASCII or unicode alphabetical or numeric character; special characters ` , ~ , ! , @ , # , \$, % , ^ , & , - , _ , ' , period, comma, and space.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

SipAuthenticatePassword

Property Name	Value
Description:	The password to use during SIP authentication.
Notes:	This is encrypted.
Business Rules:	Pertinent only if SIPDoAuthenticate=TRUE.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.SipAuthenticatePassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SipContactLineName

Property Name	Value
Description:	The dialable (extension) number of the lines in this group, i.e., pilot number.
Notes:	All lines in the group share the same contact line name (Cisco Unity Connection implements the hunt group). Example where Cisco Unity Connection is 10.93.248.36, Unity SIP port is 5060, contact line name is 3200: INVITE sip:3200@10.93.248.36:5060 SIP/2.0
Business Rules:	Pertinent only if TelephonyIntegrationMethodEnum = SIP.
Developer Notes:	Data validation is based on 'user' portion of user@server.com from RFC 3261.
Table/Column Mapping:	tbl_MediaPortGroup.SipContactLineName
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\!~*')&=+\$.;?%\]\]*\$
Validation - Description:	All alphabetical and digits 0-9 ASCII characters. Special characters hyphen, underscore, period, exclamation mark, tilde, asterisk, single quote, opening and closing parens, ampersand, equals, plus, dollar sign, comma, semicolon, question mark, backslash, and percent sign are allowed.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SipDoAuthenticate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Notes:	Values: 0: Do not authenticate with endpoint 1: Must authenticate with endpoint
Business Rules:	Applies only when TelephonyIntegrationMethodEnum=SIP.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.SipDoAuthenticate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SipRegisterWithProxyServer

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.

Property Name	Value
Notes:	Values: 0: Do not register with a SIP proxy server 1: Must register with a SIP proxy server
Business Rules:	Applies only when TelephonyIntegrationMethodEnum=SIP.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.SipRegisterWithProxyServer
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SipTransportProtocolEnum

Property Name	Value
Description:	The transport protocol Cisco Unity Connection should use for the SIP integration.
Notes:	FK to EnumSIPTransportProtocol.Enum Values: 10: UDP - Uniform Datagram Protocol. 11: TDP - Transport Control Protocol.
Business Rules:	Applies only when TelephonyIntegrationMethodEnum=SIP or PIMG. For PIMG, for now should not be displayed in SA or should be displayed disabled with default value (UDP). Once we have had a chance to qualify PIMG with TCP, we can allow editing of this field through the SA.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.SipTransportProtocolEnum
Primary Key:	False
Allow Null:	True
Default Value:	10
Custom Type:	SIPTransportProtocol
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkinnyDevicePrefix

Property Name	Value
Description:	The prefix Cisco Unity Connection uses to generate Skinny device name for ports belonging to this group.
Notes:	<p>Cisco Unified Communications Manager generates voice mail device names from a prefix supplied by the user. In Cisco CallManager 4.0 Administration, this prefix is called the "Cisco Voice Mail Server Name". Individual device names are of the form <prefix>-VI1, <prefix>-VI2, etc., where the "-VI" plus sequential number are added by Cisco Unified Communications Manager.</p> <p>This setting should specify the entire device name except for the sequential number at the end. For example, if the Cisco Voice Mail Server Name configured on Cisco Unified Communications Manager is "UnityVM", then device names will be "UnityVM-VI1", "UnityVM-VI2", etc. In this setting in Cisco Unity Connection you would specify "UnityVM-VI".</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.SkinnyDevicePrefix
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (48 characters)
Validation - Expression:	^[a-zA-Z0-9_\.]*\$
Validation - Description:	ASCII alphanumeric, period, hyphen and underscore.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	48 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used by lines in this group to integrate with the switch.

Property Name	Value
Notes:	FK to TelephonyIntegrationMethodEnum.Enum. Values: 1: Skinny Client Control Protocol (SCCP) integration method. 2: Session Initiation Protocol (SIP) integration method. 3: Intel PBX IP Media Gateway (PIMG) integration method.
Business Rules:	Once a instance of this object has been created, this value can never be modified.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.TelephonyIntegrationMethodEnum
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	TelephonyIntegrationMethod
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WaitForCallInfoMs

Property Name	Value
Description:	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.
Notes:	Typically used for PIMG integrations where the PBX sends call info to the PIMG (for instance, by inband DTMF) only after the call has been answered.
Business Rules:	
Developer Notes:	Added for CSCsd65984
Table/Column Mapping:	tbl_MediaPortGroup.WaitForCallInfoMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0

Property Name	Value
Validation - Maximum Value:	60000

5.108. vw_MediaPortGroup_PortCountOnVmsServer

Shows the number of telephony ports by port group on a VMS server.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.	ObjectID
	PortCount	int (4 bytes)	Number of telephony ports by VmsServer and port group.	
	TelephonyIntegration-MethodEnum	smallint (2 bytes)	The method used by lines in this group to integrate with the switch.	TelephonyIn- tegration- Method
	VmsServerName	nvarchar (64 characters)	The name of the server.	
PK	VmsServerObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID

Stored Procedures

vw_MediaPortGroup_PortCountOnVmsServer has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PortCount

r

Property Name	Value
Description:	Number of telephony ports by VmsServer and port group.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used by lines in this group to integrate with the switch.
Notes:	FK to TelephonyIntegrationMethodEnum.Enum. Values: 1: Skinny Client Control Protocol (SCCP) integration method. 2: Session Initiation Protocol (SIP) integration method. 3: Intel PBX IP Media Gateway (PIMG) integration method.
Business Rules:	Once a instance of this object has been created, this value can never be modified.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroup.TelephonyIntegrationMethodEnum
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	TelephonyIntegrationMethod
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

VmsServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\-\]*\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.109. vw_MediaPortGroupCodec

Simple view for tbl_MediaPortGroupCodec

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	MediaPortGroupObject-Id	char (36 characters)	The unique identifier of the MediaPortGroup object that is mapped to the specified RtpCodecDef.	ObjectID
PK	ObjectId	char (36 characters)	Primary key	ObjectID
	Preference	int (4 bytes)	Preference ranking for this codec relative to other codecs supported for the port group. Lowest value of Preference is the most preferred.	
	PreferredPacketSizeMs	int (4 bytes)	Specifies the default packet size (in milliseconds) when negotiating this codec for SIP. The setting is used in the following situations: 1) No incoming SDP ptime attribute in incoming SDP offer. 2) Cisco Unity Connection initiated SDP offer. If the other party in the SIP negotiation provides a ptime attribute in the SDP before Cisco Unity Connection has a chance to do it, Cisco Unity Connection honors the request and this setting does not come into play.	RTPPacket-SizeMs
	RtpCodecDefDisplay-Name	nvarchar (64 characters)	Codec name displayed to end user	DisplayName
	RtpCodecDefObjectId	char (36 characters)	The unique identifier of the RtpCodecDefinition object that is mapped to the specified MediaPortGroup.	ObjectID

Stored Procedures

Name	Description
csp_MediaPortGroupCodecCreate	Create a row in tbl_MediaPortGroupCodec
csp_MediaPortGroupCodecDelete	Delete a row in tbl_MediaPortGroupCodec
csp_MediaPortGroupCodecModify	Modify a row in tbl_MediaPortGroupCodec

Column Properties

MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object that is mapped to the specified RtpCodecDef.
Notes:	Foreign key to the port group
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupCodec.MediaPortGroupObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Primary key
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupCodec.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Preference

Property Name	Value
Description:	Preference ranking for this codec relative to other codecs supported for the port group. Lowest value of Preference is the most preferred.
Notes:	This setting is pertinent only if the port group uses Session Initiation Protocol (SIP) for call control.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupCodec.Preference
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1000

PreferredPacketSizeMs

Property Name	Value
Description:	Specifies the default packet size (in milliseconds) when negotiating this codec for SIP. The setting is used in the following situations: 1) No incoming SDPptime attribute in incoming SDP offer. 2) Cisco Unity Connection initiated SDP offer. If the other party in the SIP negotiation provides aptime attribute in the SDP before Cisco Unity Connection has a chance to do it, Cisco Unity Connection honors the request and this setting does not come into play.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_MediaPortGroupCodec.PreferredPacketSizeMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RTPPacketSizeMs
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RtpCodecDefDisplayName

Property Name	Value
Description:	Codec name displayed to end user
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RtpCodecDef.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RtpCodecDefObjectId

Property Name	Value
Description:	The unique identifier of the RtpCodecDefinition object that is mapped to the specified MediaPortGroup.

Property Name	Value
Notes:	Foreign key to the codec definition
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupCodec.RtpCodecDefObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.110. vw_MediaPortGroupIPPort

A simple view of tbl_MediaPortGroupIPPort.

IP ports on each Cisco Unity Connection server that are reserved for a specific purpose - assigned to a MediaPortGroup.

Additional Information

For telephony configuration, this table will record the IP ports in use for SIP (SIP and PIMG integrations).

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	IpPort	int (4 bytes)	The IP port number.	
	IpPortPurposeEnum	smallint (2 bytes)	The purpose for which this IP port is used.	IPPortPurpose
	MediaPortGroupObject-Id	char (36 characters)	The unique identifier of the MediaPortGroup object that will open a socket using this IP port.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.	ObjectID
	VmsServerObjectId	char (36 characters)	The unique identifier of the VMSServer object on which this IP port is located.	ObjectID

Stored Procedures

Name	Description
csp_MediaPortGroupIPPortCreate	Creates a new MediaPortGroupIPPort object by inserting a new row into tbl_MediaPortGroupIPPort.
csp_MediaPortGroupIPPortDelete	Deletes a MediaPortGroupIPPort object from tbl_MediaPortGroupIPPort as specified by the @ObjectId parameter.
csp_MediaPortGroupIPPortModify	Updates the attributes of a MediaPortGroupIPPort object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPortGroupIPPort object that is updated.

Column Properties

IpPort

Property Name	Value
Description:	The IP port number.
Notes:	
Business Rules:	Range: 0-65535. When an instance of a MediaPortGroupIPPort object is created or the value of IPPort is modified, the value should fall within the range(s) specified in IPPortReservation for the same Purpose.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupIPPort.IpPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

IpPortPurposeEnum

Property Name	Value
Description:	The purpose for which this IP port is used.
Notes:	Values: 505: Incoming SIP call control to establish media session 506: Outgoing SIP UDP 507: RTP and RTCP 508: All SMTP traffic
Business Rules:	
Developer Notes:	In Kubrick 1, used only to store SIP port assignments.
Table/Column Mapping:	tbl_MediaPortGroupIPPort.IpPortPurposeEnum
Primary Key:	False
Allow Null:	False
Default Value:	500
Custom Type:	IPPortPurpose
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object that will open a socket using this IP port.
Notes:	FK to MediaPortGroup.ObjectId
Business Rules:	Unique: [MediaPortGroupObjectId, IPPortPurpose, VMSServerObjectId] - For a given port group, only one IP port is needed on each VMS server for a specific purpose. For instance, for a SIP port group, assign max one SIP IP port on each VMSServer.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupIPPort.MediaPortGroupObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupIPPort.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object on which this IP port is located.
Notes:	FK to VMSServer.ObjectId
Business Rules:	Unique: [VMSServerObjectId,IPPort] - A port number cannot be assigned more than once on each VMS server.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupIPPort.VmsServerObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.111. vw_MediaPortGroupTemplate

A simple view for tbl_MediaPortGroupTemplate.

Contains the default values for attributes of a MediaPortGroup. The MediaGroupPortTemplate is used to create new media port groups.

Additional Information

Each MediaPortGroupTemplate is designed for a specific model/manufacture of switch. The model is stored in the template itself. In the Cisco Unity Connection Administration, when an administrator tries to create a MediaPortGroup, the administrative interface looks up the model/manufacture of the MediaSwitch to which the MediaPortGroup will belong and displays a list containing only templates matching that model/manufacture. Once a selection is made, the administrative interface copies the defaults specified in the template into the new MediaPortGroup object.

Columns with names beginning with "Copy_" are values that are copied into the new row in MediaPortGroup. For instance, MediaPortGroupTemplate.Copy_DisplayName is the value of DisplayName in the new MediaPortGroup.

All of the Copy_ columns allow NULLs. If a column is NULL, the corresponding column in MediaPortGroup will assume the default value specified in MediaPortGroup. Thus the Copy_ columns in this table basically override the default values in the MediaPortGroup table.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Copy_CCMDAutoFailback	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.	Bool
	Copy_DelayBeforeOpeningMs	smallint (2 bytes)	The delay (in milliseconds) after a call is connected before playing the opening greeting.	
	Copy_DTMFDialInterDigitDelayMs	int (4 bytes)	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.	
	Copy_EnableAGC	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.	Bool
	Copy_EnableMWI	smallint (2 bytes)	A flag indicating whether ports in this group can transmit message waiting indicator (MWI) on/off messages to the switch via inband integration method (through use of DTMF).	Bool
	Copy_MWIMaxConcurrentRequests	smallint (2 bytes)	The maximum number of MWI requests that can be in progress at any instant.	
	Copy_MWIMinRequestIntervalMs	int (4 bytes)	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	Copy_MWIOffCode	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).	MwiCode
	Copy_MWIONCode	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).	MwiCode
	Copy_MWIReqPortSpecific	smallint (2 bytes)	A flag indicating whether MWI requests require a MediaPort.	Bool
	Copy_MWIRetryCountOnSuccess	smallint (2 bytes)	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.	
	Copy_MWIRetryIntervalOnSuccessMs	smallint (2 bytes)	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see Copy_MWIRetryIntervalCountOnSuccess.	
	Copy_OutgoingGuardTimeMs	int (4 bytes)	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.	
	Copy_OutgoingPostDialDelayMs	int (4 bytes)	The delay (in milliseconds) after dialing an outgoing call.	
	Copy_OutgoingPreDialDelayMs	int (4 bytes)	The delay (in milliseconds) before dialing.	
	Copy_PortNumMax	int (4 bytes)	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.	
	Copy_SIPDoAuthenticate	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.	Bool
	Copy_SIPRegisterWithProxyServer	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.	Bool
	Copy_SIPTransportProtocolEnum	smallint (2 bytes)	The transport protocol Cisco Unity Connection should use for the SIP integration.	SIPTransport-Protocol
	Copy_TelephonyIntegrationMethodEnum	smallint (2 bytes)	The method used by lines in this group to integrate with the switch.	TelephonyIntegration-Method
	Copy_WaitForCallInfos	int (4 bytes)	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.	
	MediaSwitchModelObjectId	char (36 characters)	The unique identifier of the MediaSwitchModel object to which this template applies.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupTemplate object.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	TemplateDescriptionDefault	lvarchar (256 characters)	A description of the MediaPortGroupTemplate to aid the user in the selection of a template for the purpose of creating a new MediaPortGroup. Information such as Cisco Unity Connection system requirements and PBX requirements are contained in this column.	
	TemplateDescriptionLoc	lvarchar (256 characters)	The short name of template description used to retrieve the localized version of the template description from tbl_LocalizedText.	
	TemplateNameDefault	lvarchar (256 characters)	The name/title of the template.	
	TemplateNameLoc	lvarchar (256 characters)	The short name of template name used to retrieve the localized version of the template name from tbl_LocalizedText.	

Stored Procedures

Name	Description
csp_MediaPortGroupTemplateCreate	Creates a new MediaPortGroupTemplate object by inserting a new row into tbl_MediaPortGroupTemplate.
csp_MediaPortGroupTemplateDelete	Deletes a MediaPortGroupTemplate object from tbl_MediaPortGroupTemplate as specified by the @ObjectId parameter.
csp_MediaPortGroupTemplateModify	Updates the attributes of a MediaPortGroupTemplate object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPortGroupTemplate object that is updated.

Column Properties

Copy_CCMDDoAutoFailback

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Notes:	Values: 0: Do not failback 1: Failback
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_CCMDDoAutoFailback
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_DelayBeforeOpeningMs

Property Name	Value
Description:	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] DelayBeforeOpening.
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_DelayBeforeOpeningMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

Copy_DTMFDialInterDigitDelayMs

Property Name	Value
Description:	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_DTMFDialInterDigitDelayMs
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	500

Copy_EnableAGC

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection should apply software-based gain control when recording messages.
Notes:	Gain control is performed in software on the Cisco Unity Connection host. Values: 0: Do not perform software-based gain control 1: Software-based gain control is performed on Cisco Unity Connection
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_EnableAGC
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_EnableMWI

Property Name	Value
Description:	A flag indicating whether ports in this group can transmit message waiting indicator (MWI) on/off messages to the switch via inband integration method (through use of DTMF).
Notes:	Values: 0: Cannot transmit MWI using inband integration method 1: Can transmit MWI using inband integration method
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_EnableMWI
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_MWIMaxConcurrentRequests

Property Name	Value
Description:	The maximum number of MWI requests that can be in progress at any instant.
Notes:	Used for "MWI throttling" feature. A value of 0 indicates that this limitation is not in effect.
Business Rules:	Applies to ALL integrations.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_MWIMaxConcurrentRequests
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0

Property Name	Value
Validation - Maximum Value:	250

Copy_MWIMinRequestIntervalMs

Property Name	Value
Description:	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] MinimumMWIRequestInterval. This is used for MWI throttling.
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_MWIMinRequestIntervalMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	5000

Copy_MWIOffCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).
Notes:	Dialogic: feature access code programmed on the PBX. Skinny/CCM: MWI DN programmed on the cluster.
Business Rules:	Does not apply to SIP or PIMG integrations (Unity ignores value). For other integration types, pertinent only if EnableMWI = TRUE.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_MWIOffCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	MwiCode

Property Name	Value
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[0-9A-Da-dPpTtXx#*,]*\$
Validation - Description:	Standard dialstring characters: 0-9, A-D, #, *, comma (pause) and X (primary DTMF ID for subscriber), T (touchtone dialing) and P (pulse dialing).
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_MWIONCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Notes:	Dialogic: feature access code programmed on the PBX. Skinny/CCM: MWI DN programmed on the cluster.
Business Rules:	Does not apply to SIP or PIMG integrations (Unity ignores value). For other integration types, pertinent only if EnableMWI = TRUE.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_MWIONCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	MwiCode
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[0-9A-Da-dPpTtXx#*,]*\$
Validation - Description:	Standard dialstring characters: 0-9, A-D, #, *, comma (pause) and X (primary DTMF ID for subscriber), T (touchtone dialing) and P (pulse dialing).
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_MWIReqPortSpecific

Property Name	Value
Description:	A flag indicating whether MWI requests require a MediaPort.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_MWIReqPortSpecific
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_MWIRetryCountOnSuccess

Property Name	Value
Description:	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Notes:	
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_MWIRetryCountOnSuccess
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

Copy_MWIRetryIntervalOnSuccessMs

Property Name	Value
Description:	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see Copy_MWIRetryIntervalCountOnSuccess.
Notes:	
Business Rules:	Pertinent only if EnableMWI = TRUE.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_MWIRetryIntervalOnSuccessMs
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

Copy_OutgoingGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingGuardTime.
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_OutgoingGuardTimeMs
Primary Key:	False
Allow Null:	False
Default Value:	2500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10000

Copy_OutgoingPostDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) after dialing an outgoing call.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingPostDialDelayMs.
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_OutgoingPostDialDelayMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

Copy_OutgoingPreDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) before dialing.
Notes:	This is the default value for the corresponding column in MediaPortGroup.
Business Rules:	Applies to ALL integrations.
Developer Notes:	In Unity 4.0 switch.ini files: [Configuration] OutgoingPreDialDelayMs.
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_OutgoingPreDialDelayMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

Copy_PortNumMax

Property Name	Value
Description:	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_PortNumMax
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	256

Copy_SIPDoAuthenticate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Notes:	Values: 0: Do not authenticate with endpoint 1: Must authenticate with endpoint
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_SIPDoAuthenticate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_SIPRegisterWithProxyServer

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.
Notes:	Values: 0: Do not register with a SIP proxy server 1: Must register with a SIP proxy server
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_SIPRegisterWithProxyServer
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_SIPTransportProtocolEnum

Property Name	Value
Description:	The transport protocol Cisco Unity Connection should use for the SIP integration.
Notes:	FK to EnumSIPTransportProtocol.Enum. Values: 10: UDP - Uniform Datagram Protocol. 11: TDP - Transport Control Protocol.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_SIPTransportProtocolEnum
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	10
Custom Type:	SIPTransportProtocol
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used by lines in this group to integrate with the switch.
Notes:	FK to TelephonyIntegrationMethodEnum.Enum. Values: 1: Skinny Client Control Protocol (SCCP) integration method. 2: Session Initiation Protocol (SIP) integration method. 3: Intel PBX IP Media Gateway (PIMG) integration method.
Business Rules:	Once a instance of this object has been created, this value can never be modified.
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_TelephonyIntegrationMethodEnum
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	TelephonyIntegrationMethod
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Copy_WaitForCallInfoMs

Property Name	Value
Description:	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.Copy_WaitForCallInfoMs
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	60000

MediaSwitchModelObjectID

Property Name	Value
Description:	The unique identifier of the MediaSwitchModel object to which this template applies.
Notes:	Foreign key to MediaSwitchModel.Moniker This value is used by clients such as Cisco Unity Connection Administration that allow the user to create port groups. Client should allow creation only from templates that match the model of the MediaSwitch to which the new port group belongs.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.MediaSwitchModelObjectID
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupTemplate object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateDescriptionDefault

Property Name	Value
Description:	A description of the MediaPortGroupTemplate to aid the user in the selection of a template for the purpose of creating a new MediaPortGroup. Information such as Cisco Unity Connection system requirements and PBX requirements are contained in this column.
Notes:	Displayed only if language-specific translation of TemplateDescriptionLoc cannot be retrieved from tbl_LocalizedText.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.TemplateDescriptionDefault
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	

Property Name	Value
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII or Unicode)
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateDescriptionLoc

Property Name	Value
Description:	The short name of template description used to retrieve the localized version of the template description from tbl_LocalizedText.
Notes:	References tbl_LocalizedText.LocalizationKey.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.TemplateDescriptionLoc
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateNameDefault

Property Name	Value
Description:	The name/title of the template.
Notes:	Displayed only if language-specific translation of TemplateNameLoc cannot be retrieved from tbl_LocalizedText.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.TemplateNameDefault

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateNameLoc

Property Name	Value
Description:	The short name of template name used to retrieve the localized version of the template name from tbl_LocalizedText.
Notes:	References tbl_LocalizedText.LocalizationKey.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaPortGroupTemplate.TemplateNameLoc
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.112. vw_MediaRemoteService

A simple view for tbl_MediaRemoteService.

An IP-based endpoint or service (e.g., Cisco Call Manager, SIP Proxy server) with which Cisco Unity Connection can communicate.

Additional Information

The information contained in this table is different depending on the integration's integration method.

Example: For a CCM cluster with three CCM servers and one TFTP server, the MediaRemoteService table would contain four rows: three separate rows - one for each CCM, and one row for a CCMTFTP.

MediaRemoteServiceEnum is the discriminator that determines which of the two columns must be non-NULL:

- * CCMAXL: MediaSwitchObjectId IS NOT NULL, MediaPortGroupObjectID = NULL.
- * CCM, CCMTFTP, PIMG and SIPProxy: MediaSwitchObjectId = NULL, MediaPortGroupObjectID IS NOT NULL.
- * ASRMediaServer and TTSMediaServer: MediaSwitchObjectId = NULL, MediaPortGroupObjectID = NULL.

Business Rules

- * CCMAXL: MediaSwitchObjectId IS NOT NULL, MediaPortGroupObjectID = NULL.
- * CCM, CCMTFTP, PIMG and SIPProxy: MediaSwitchObjectId = NULL, MediaPortGroupObjectID IS NOT NULL.
- * ASRMediaServer and TTSMediaServer: MediaSwitchObjectId = NULL, MediaPortGroupObjectID = NULL.

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The name of the service. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	HostOrIPAddress	lvarchar (256 characters)	The DNS name or IP address of the computer hosting the remote service .	
	MediaPortGroupObject-Id	char (36 characters)	The unique identifier of the MediaPortGroup object to which this row corresponds.	ObjectID
	MediaRemoteServiceEnum	smallint (2 bytes)	The type of IP service.	MediaRemoteService
	MediaServerName	nvarchar (128 characters)	The preferred name of the media server, if applicable.	
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object to which this row corresponds.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.	ObjectID
	Port	int (4 bytes)	The IP port at which the service is found.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	Precedence	int (4 bytes)	A ranking of priority for rows in this table with identical [MediaSwitchObject, MediaPortGroupObjectId, MediaRemoteServiceEnum] in which connection is attempted to them, that is, as primary, secondary, etc.	
	SkinnyStateMachineEnum	smallint (2 bytes)	A flag indicating whether this MediaPortGroup is integrated with Cisco Unified Communications Manager or Cisco CallManager Express. This is used to switch on a special state engine in the Skinny TSP for Cisco CallManager Express.	SkinnyStateMachine
	TlsPort	int (4 bytes)	The IP port at which the service is found. Cisco Unity Connection must negotiate a TLS session when using this port.	

Stored Procedures

Name	Description
csp_MediaRemoteServiceCreate	Creates a new MediaRemoteService object by inserting a new row into tbl_MediaRemoteService.
csp_MediaRemoteServiceDelete	Deletes a MediaRemoteService object from tbl_MediaRemoteService as specified by the @ObjectId parameter.
csp_MediaRemoteServiceModify	Updates the attributes of a MediaRemoteService object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaRemoteService object that is updated.

Column Properties

DisplayName

Property Name	Value
Description:	The name of the service. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

HostOrIPAddress

Property Name	Value
Description:	The DNS name or IP address of the computer hosting the remote service .
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.HostOrIPAddress
Primary Key:	False
Allow Null:	False
Default Value:	127.0.0.1
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortGroupId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object to which this row corresponds.
Notes:	MediaRemoteServiceEnum is the discriminator that determines whether the two columns MediaSwitchObjectId and MediaPortGroupId must be non-NULL or NULL.

Property Name	Value
Business Rules:	* CCMAXL: MediaSwitchObjectId IS NOT NULL, MediaPortGroupObjectID = NULL. * CCM, CCMTFTP, PIMG and SIPProxy: MediaSwitchObjectId = NULL, MediaPortGroupObjectID IS NOT NULL. * ASRMediaServer and TTSMediaServer: MediaSwitchObjectId = NULL, MediaPortGroupObjectID = NULL.
Developer Notes:	FK to MediaPortGroup.ObjectId
Table/Column Mapping:	tbl_MediaRemoteService.MediaPortGroupObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaRemoteServiceEnum

Property Name	Value
Description:	The type of IP service.
Notes:	MediaRemoteServiceEnum is the discriminator that determines whether the two columns MediaSwitchObjectId and MediaPortGroupObjectId must be non-NULL or NULL. Values: 100: Cisco Unified Communications Manager server. 101: Cisco Unified Communications Manager Trivial File Transfer Protocol service. 102: SIP proxy server. 103: Cisco Unified Communications Manager AXL service 104: PIMG 105: Automatic Speech Recognition media server. 106: Text-To-Speech media server.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.MediaRemoteServiceEnum
Primary Key:	False
Allow Null:	False
Default Value:	100
Custom Type:	MediaRemoteService
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaServerName

Property Name	Value
Description:	The preferred name of the media server, if applicable.
Notes:	Example values. For ASR, name="Recognizer", for TTS, name="synthesizer."
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.MediaServerName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to which this row corresponds.
Notes:	MediaRemoteServiceEnum is the discriminator that determines whether the two columns MediaSwitchObjectId and MediaPortGroupObjectId must be non-NULL or NULL.
Business Rules:	<ul style="list-style-type: none"> * CCMAXL: MediaSwitchObjectId IS NOT NULL, MediaPortGroupObjectId = NULL. * CCM, CCMTFTP, PIMG and SIPProxy: MediaSwitchObjectId = NULL, MediaPortGroupObjectId IS NOT NULL. * ASRMediaServer and TTSMediaServer: MediaSwitchObjectId = NULL, MediaPortGroupObjectId = NULL.
Developer Notes:	FK to MediaSwitch.ObjectId

Property Name	Value
Table/Column Mapping:	tbl_MediaRemoteService.MediaSwitchObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Port

Property Name	Value
Description:	The IP port at which the service is found.

Property Name	Value
Notes:	
Business Rules:	Range: 0-65535
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.Port
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

Precedence

Property Name	Value
Description:	A ranking of priority for rows in this table with identical [MediaSwitchObject, MediaPortGroupObjectId, MediaRemoteServiceEnum] in which connection is attempted to them, that is, as primary, secondary, etc.
Notes:	Rows with identical values of MediaRemoteServiceEnum, MediaSwitchObjectId, MediaPortGroupObjectId are considered to be redundant providers of the same service. Within such a group, the row with the lowest Precedence is the primary server, row with the next higher Precedence is the secondary server, etc. Gaps in the numbering are allowed. If duplicates of Precedence exist within a group, the ordering is undefined and Cisco Unity Connection will arbitrarily impose an ordering.
Business Rules:	GTE zero.
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.Precedence
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0

Property Name	Value
Validation - Maximum Value:	65535

SkinnyStateMachineEnum

Property Name	Value
Description:	A flag indicating whether this MediaPortGroup is integrated with Cisco Unified Communications Manager or Cisco CallManager Express. This is used to switch on a special state engine in the Skinny TSP for Cisco CallManager Express.
Notes:	Values: 10: Cisco Unified Communications Manager 20: Cisco CallManager Express
Business Rules:	Pertinent only when MediaRemoteServiceEnum = CCM.
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.SkinnyStateMachineEnum
Primary Key:	False
Allow Null:	False
Default Value:	10
Custom Type:	SkinnyStateMachine
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TlsPort

Property Name	Value
Description:	The IP port at which the service is found. Cisco Unity Connection must negotiate a TLS session when using this port.
Notes:	
Business Rules:	Range: 0-65535
Developer Notes:	
Table/Column Mapping:	tbl_MediaRemoteService.TlsPort
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

5.113. vw_MediaSwitch

A view for tbl_MediaSwitch plus:

- * The objectid and display name of the parent MediaSwitchModel
- * The objectid and display name of the parent MediaSwitchManufacturer
- * The total number of ports belonging to the MediaSwitch

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CallLoopDTMF	nvarchar (16 characters)	The name of the 4th Column DTMF tone used for Reject Forward Notification and Supervised Call Loop Detection.	DtmfColumn
	CallLoopForwardNotificationDetect	smallint (2 bytes)	A flag indicating whether Reject Forwarded Notification is enabled.	Bool
	CallLoopGuardTimeMs	int (4 bytes)	The amount of time (in milliseconds) i.e. "guard time" used for Rejecting Forwarded Notifications and Supervised Transfer Call Loop Detection.	
	CallLoopSupervisedTransferDetect	smallint (2 bytes)	A flag indicating whether Supervised Transfer Call Loop Detection is enabled.	Bool
	CcmAXLPassword	varchar (254 characters)	The password (encrypted) for the CcmAXLUser used to connect to a AXL Web service on a Cisco Call Manager cluster.	
	CcmAXLUser	nvarchar (128 characters)	The user name used to connect to AXL Web service on a Cisco Call Manager cluster.	
	CcmCtiPassword	varchar (254 characters)	The password (encrypted) for the CcmCtiUser.	
	CcmCtiUser	nvarchar (128 characters)	The user name for a Call Manager user that is assigned CTI access to one or more CCM devices.	
	CcmVersion	nvarchar (16 characters)	The product version of the Cisco Unified Communications Manager switch.	
	DefaultTRaPSwitch	smallint (2 bytes)	Use this as default TRaP switch for administrators?	Bool
	DisplayName	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	EnablePhoneApplications	smallint (2 bytes)	A flag indicating whether IP phone applications are enabled for this switch (e.g., integration).	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	MediaSwitchManufacturerDisplayName	nvarchar (64 characters)	The display name of the parent MediaSwitchManufacturer.	
	MediaSwitchManufacturerObjectId	char (36 characters)	The unique identifier of the parent MediaSwitchManufacturer.	ObjectID
	MediaSwitchModelDisplayName	nvarchar (64 characters)	The name of the parent MediaSwitchModel.	
	MediaSwitchModelObjectId	char (36 characters)	The unique identifier of the MediaSwitchModel object for this telephone switch/network.	ObjectID
	MwiAlwaysUpdate	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will always send a "set MWI" message to the switch whenever the mailbox contents change, even if the Cisco Unity Connection database record indicates the MWI is already in the correct state.	Bool
	MwiForceOff	smallint (2 bytes)	A flag that indicates whether all User MWI devices falling on this phone system should be unconditionally off.	Bool
	MwiPortMemory	smallint (2 bytes)	A flag indicating whether the switch requires that Cisco Unity Connection send MWI "off" requests to the same PBX port as the MWI "on" requests.	Bool
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID
	PortCount	int (4 bytes)	The total number of ports belonging to the switch.	

Stored Procedures

Name	Description
csp_MediaSwitchCreate	Creates a new MediaSwitch object by inserting a new row into tbl_MediaSwitch.
csp_MediaSwitchDelete	Deletes a MediaSwitch object from tbl_MediaSwitch as specified by the @ObjectId parameter.
csp_MediaSwitchModify	Updates the attributes of a MediaSwitch object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitch object that is updated.

Column Properties

CallLoopDTMF

Property Name	Value
Description:	The name of the 4th Column DTMF tone used for Reject Forward Notification and Supervised Call Loop Detection.
Notes:	Values: A: DTMF 'A' 4th column. (1633Hz/697Hz tone) B: DTMF 'B' 4th column. (1633Hz/770Hz tone) C: DTMF 'C' 4th column. (1633Hz/852Hz tone) D: DTMF 'D' 4th column. (1633Hz/941Hz tone)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.CallLoopDTMF
Primary Key:	False
Allow Null:	False
Default Value:	A
Custom Type:	DtmfColumn
SQL Data Type/Length:	nvarchar (16 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallLoopForwardNotificationDetect

Property Name	Value
Description:	A flag indicating whether Reject Forwarded Notification is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.CallLoopForwardNotificationDetect
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

CallLoopGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) i.e. "guard time" used for Rejecting Forwarded Notifications and Supervised Transfer Call Loop Detection.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.CallLoopGuardTimeMs
Primary Key:	False
Allow Null:	False
Default Value:	2500
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	3000

CallLoopSupervisedTransferDetect

Property Name	Value
Description:	A flag indicating whether Supervised Transfer Call Loop Detection is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.CallLoopSupervisedTransferDetect
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmAXLPassword

Property Name	Value
Description:	The password (encrypted) for the CcmAXLUser used to connect to a AXL Web service on a Cisco Call Manager cluster.
Notes:	In the Call Manager database, this is the ApplicationUser.Password attribute.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.CcmAXLPassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmAXLUser

Property Name	Value
Description:	The user name used to connect to AXL Web service on a Cisco Call Manager cluster.
Notes:	In the Call Manager database, this is the ApplicationUser.Name attribute.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.CcmAXLUser
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	

Property Name	Value
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmCtiPassword

Property Name	Value
Description:	The password (encrypted) for the CcmCtiUser.
Notes:	In the Call Manager database, this is the EndUser.Password attribute.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.CcmCtiPassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmCtiUser

Property Name	Value
Description:	The user name for a Call Manager user that is assigned CTI access to one or more CCM devices.
Notes:	In the Call Manager database, this is the EndUser.UserId attribute.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.CcmCtiUser
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmVersion

Property Name	Value
Description:	The product version of the Cisco Unified Communications Manager switch.
Notes:	This information is used to create individual Cisco Unity Connection voice mailboxes from the CCMAAdmin User and Directory Number (DN) pages. (AKA "Concerto")
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.CcmVersion
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (16 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultTRaPSwitch

Property Name	Value
Description:	Use this as default TRaP switch for administrators?
Notes:	Administrators that are not subscribers do not have a switch association so this specifies the switch to use for TRaP (telephone record and playback).

Property Name	Value
Business Rules:	Only one switch may have this value set to 1 (true).
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DefaultTRaPSwitch
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EnablePhoneApplications

Property Name	Value
Description:	A flag indicating whether IP phone applications are enabled for this switch (e.g., integration).
Notes:	Phone applications present and gather information via the display on IP phones. The Visual Message Locator feature is one example of a phone application.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.EnablePhoneApplications
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchManufacturerDisplayName

Property Name	Value
Description:	The display name of the parent MediaSwitchManufacturer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchManufacturerObjectId

Property Name	Value
Description:	The unique identifier of the parent MediaSwitchManufacturer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchModelDisplayName

Property Name	Value
Description:	The name of the parent MediaSwitchModel.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchModelObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchModel object for this telephone switch/network.
Notes:	Foreign key to tbl_MediaSwitchModel.
Business Rules:	
Developer Notes:	<p>Information in this column is mainly for troubleshooting. It should be filled in when the row is inserted with the MediaPortGroupTemplate.MediaSwitchModelObjectId of the template from which the row was created.</p> <p>Conceptually, this is a FK to MediaSwitchModel.ObjectId. But to allow for deletion of models over time, the relationship is not enforced. If in future releases of Cisco Unity Connection the model with this moniker doesn't exist, it's no big deal.</p>
Table/Column Mapping:	tbl_MediaSwitch.MediaSwitchModelObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiAlwaysUpdate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will always send a "set MWI" message to the switch whenever the mailbox contents change, even if the Cisco Unity Connection database record indicates the MWI is already in the correct state.
Notes:	<p>Values:</p> <p>0: Do not send a "set MWI" message to the switch based solely on mailbox content changing</p> <p>1: Always send a "set MWI" message to the switch when mailbox contents change</p>
Business Rules:	
Developer Notes:	In Cisco Unity Connection 4.x this was named "UpdateDisplay."
Table/Column Mapping:	tbl_MediaSwitch.MwiAlwaysUpdate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiForceOff

Property Name	Value
Description:	A flag that indicates whether all User MWI devices falling on this phone system should be unconditionally off.
Notes:	<p>Values:</p> <p>0 (FALSE, default): The state of User MWI devices/lamps falling on this phone system should reflect the state of the corresponding mailbox:</p> <ul style="list-style-type: none"> - If there are unread messages in the mailbox, then the lamp should be on. - If there are no unread messages in the mailbox, the lamp should be off. <p>1 (TRUE): All MWI devices/lamps falling on this phone system should be off regardless of the state of corresponding mailbox.</p> <p>Changing this setting causes Cisco Unity Connection to switch MWI devices on or off to match the new setting.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.MwiForceOff
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiPortMemory

Property Name	Value
Description:	A flag indicating whether the switch requires that Cisco Unity Connection send MWI "off" requests to the same PBX port as the MWI "on" requests.
Notes:	Values: 0: Not required to send MWI "off" requests to the same PBX port as MWI "on" requests 1: Must send MWI "off" requests to the same PBX port as the MWI "on" requests
Business Rules:	Typically used only for PIMG integrations.
Developer Notes:	In Cisco Unity Connection 4.x this was named "PortMemory."
Table/Column Mapping:	tbl_MediaSwitch.MwiPortMemory
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PortCount

Property Name	Value
Description:	The total number of ports belonging to the switch.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.114. vw_MediaSwitchManufacturer

A simple view for tbl_MediaSwitchManufacturer.

A telephone switch manufacturer such as "Cisco Systems" or "Ericsson."

Additional Information

This table contains the static data for a switch manufacturer. In general, the contents of this table are defined by Cisco Systems matching the switch manufacturer/model combinations for the valid and qualified integrations. This data is inserted into the table during the Cisco Unity Connection setup process. This data should never be modified by the user. In some cases however, it may be necessary for a user or third-party to add a manufacturer to this table. This extensibility can be used, for instance, if someone is testing/qualifying a new PBX. See IsUserDefined column for more information.

Business Rules

- * Cisco Unity Connection setup is not permitted to modify or delete a switch manufacturer that is user-defined.
- * Cisco Unity Connection setup may modify or delete a switch manufacturer that is not user-defined.
- * A user may not modify or delete a switch manufacturer that is not user-defined.

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The preferred text name of the switch manufacturer to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.	ObjectID

Stored Procedures

Name	Description
csp_MediaSwitchManufacturerCreate	Creates a new MediaSwitchManufacturer object by inserting a new row into tbl_MediaSwitchManufacturer.
csp_MediaSwitchManufacturerDelete	Deletes a MediaSwitchManufacturer object from tbl_MediaSwitchManufacturer as specified by the @ObjectId parameter.
csp_MediaSwitchManufacturerModify	Updates the attributes of a MediaSwitchManufacturer object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitchManufacturer object that is updated.
csp_MediaSwitchManufacturerSet	Creates a new MediaSwitchManufacturer object or updates the attributes of an existing MediaSwitchManufacturer object in tbl_MediaSwitchManufacturer.

Column Properties

DisplayName

Property Name	Value
Description:	The preferred text name of the switch manufacturer to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitchManufacturer.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.
Notes:	Cisco Unity Connection must be able to locate a specific manufacturer in this table on any installation of Cisco Unity Connection, so a system-generated uniqueidentifier (GUID) will not work for this table. Therefore, this column is not automatically generated. Rather it is explicitly assigned by the author.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitchManufacturer.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.115. vw_MediaSwitchModel

A simple view for tbl_MediaSwitchModel.
A telephone switch model.

Additional Information

This table contains the static data for each telephone switch model. In general, the contents of this table are defined by Cisco Systems matching the switch manufacturer/model combinations for the valid and qualified integrations. This data is inserted into the table during the Cisco Unity Connection setup process. This data should never be modified by the user. In some cases however, it may be necessary for a user or third-party to add a switch model to this table. This extensibility can be used, for instance, if someone is testing/qualifying a new PBX. See IsUserDefined column for more information.

Business Rules

- * Cisco Unity Connection setup is not permitted to modify or delete a switch model that is user-defined.
- * Cisco Unity Connection setup may modify or delete a switch model that is not user-defined.
- * A user may not modify or delete a switch model that is not user-defined.

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DefaultMediaSwitchDisplayName	nvarchar (40 characters)	The default value for the display name of a media switch (tbl_MediaSwitch.DisplayName) when a MediaSwitch object of this model is created.	
	DisplayName	nvarchar (64 characters)	The text name of the switch model to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. Examples: "Unified Communications Manager," " MD110."	DisplayName
	MediaSwitchManufacturerObjectId	char (36 characters)	The unique identifier of the MediaSwitchManufacturer who manufactures this switch model.	ObjectId
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.	ObjectId

Stored Procedures

Name	Description
csp_MediaSwitchModelCreate	Creates a new MediaSwitchModel object by inserting a new row into tbl_MediaSwitchModel.
csp_MediaSwitchModelDelete	Deletes a MediaSwitchModel object from tbl_MediaSwitchModel as specified by the @ObjectId parameter.

Name	Description
csp_MediaSwitchModelModify	Updates the attributes of a MediaSwitchModel object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitchModel object that is updated.

Column Properties

DefaultMediaSwitchDisplayName

Property Name	Value
Description:	The default value for the display name of a media switch (tbl_MediaSwitch.DisplayName) when a MediaSwitch object of this model is created.
Notes:	<p>When the a user creates a new switch via the administrative console, the administrative interface will populate the DisplayName column of the new MediaSwitch object with this value.</p> <p>Example: Say the user wants to create a new "Phone System" (MediaSwitch). The administrative interface asks the user to select from a list of mfg/models. The user picks the entry that corresponds to this row in MediaSwitchModel:</p> <ul style="list-style-type: none"> * Moniker = "CCM" * MediaSwitchManufacturerMoniker="CISCO" * DisplayName = "Unified Communications Manager" * DefaultMediaSwitchDisplayName="Cisco Unified Communications Manager" <p>Administrative interface then creates a new "Phone System" object (MediaSwitch) with these attributes:</p> <ul style="list-style-type: none"> * DisplayName = "Cisco Unified Communications Manager" * MediaSwitchModelMoniker = "CCM"
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitchModel.DefaultMediaSwitchDisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The text name of the switch model to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. Examples: "Unified Communications Manager," "MD110."
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitchModel.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchManufacturerObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchManufacturer who manufactures this switch model.
Notes:	Foreign key to tbl_MediaSwitchManufacturer. This column may contain NULL. If NULL, this model applies to any switch manufacturer. NULL is used for generic integration methods like Centrex. If NULL, the administrative console makes this model available for all manufacturers.
Business Rules:	If NULL, this model applies to any switch manufacturer.
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.
Notes:	Cisco Unity Connection must be able to locate a specific model in this table on any installation of Cisco Unity Connection, so a system-generated uniqueidentifier (GUID) will not work for this table. Therefore, this column is not automatically generated. Rather it is explicitly assigned by the author.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitchModel.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.116. vw_MediaSwitchTrunk

A simple view for tbl_MediaSwitchTrunk.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FromMediaSwitchDisplayName	nvarchar (64 characters)	The text name of the 'from' Media Switch.	DisplayName
	FromMediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object on which the call originates.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaTrunk object.	ObjectID
	ToMediaSwitchDisplayName	nvarchar (64 characters)	The text name of the "to" Media Switch.	DisplayName
	ToMediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object to which the call is directed.	ObjectID
	TrunkAccessCode	nvarchar (10 characters)	The DTMF digit sequence Cisco Unity Connection uses to transfer a call from one switching system to another (FromMediaSwitchObjectId to ToMediaSwitchObjectId).	

Stored Procedures

Name	Description
csp_MediaSwitchTrunkCreate	Creates a new MediaSwitchTrunk object by inserting a new row into tbl_MediaSwitchTrunk.
csp_MediaSwitchTrunkDelete	Deletes a MediaSwitchTrunk object from tbl_MediaSwitchTrunk as specified by the @ObjectId parameter.

Column Properties

FromMediaSwitchDisplayName

Property Name	Value
Description:	The text name of the 'from' Media Switch.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FromMediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object on which the call originates.
Notes:	FK to MediaSwitch.ObjectId
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitchTrunk.FromMediaSwitchObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaTrunk object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitchTrunk.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ToMediaSwitchDisplayName

Property Name	Value
Description:	The text name of the "to" Media Switch.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ToMediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to which the call is directed.
Notes:	FK to MediaSwitch.ObjectId
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitchTrunk.ToMediaSwitchObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TrunkAccessCode

Property Name	Value
Description:	The DTMF digit sequence Cisco Unity Connection uses to transfer a call from one switching system to another (FromMediaSwitchObjectId to ToMediaSwitchObjectId).
Notes:	The MIU prepends this digit sequence to the dial string when routing a call to this switching system.
Business Rules:	A value of NULL indicates transparent dialing.
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitchTrunk.TrunkAccessCode
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (10 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits only
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	10 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

5.117. vw_MenuEntry

A simple view for tbl_MenuEntry.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
PK	CallHandlerObjectId	char (36 characters)	The unique identifier of the CallHandler object to which this menu entry belongs.	ObjectID
	Locked	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection ignores additional input after callers press this key. Values: 0: Additional input accepted 1: Additional input ignored; Cisco Unity Connection performs the action assigned to the key.	Bool
	TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
PK	TouchtoneKey	nvarchar (32 characters)	The character on the touch-tone keypad that this menu entry corresponds to (*, #, 0,1...9).	

Stored Procedures

Name	Description
csp_MenuEntryCreate	Creates a new user input key mappings by inserting a new row into tbl_MenuEntry.
csp_MenuEntryModify	Updates the attributes of a MenuEntry object based on the values passed in via the parameters. Essentially, only the Locked attribute is updated. If @TargetConversation is specified, the associated CallAction object is updated. If @TargetHandlerObjectId is specified, the associated CallAction object is updated. If @Action is not NULL, the associated CallAction object is updated. The combination of the @CallHandlerObjectId and @TouchtoneKey parameters identifies the MenuEntry object that is updated.

Column Properties

Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this menu entry belongs.
Notes:	Menu entries can only belong to call handlers. No other object can own a menu entry.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MenuEntry.CallHandlerObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Locked

Property Name	Value
Description:	<p>A flag indicating whether Cisco Unity Connection ignores additional input after callers press this key.</p> <p>Values: 0: Additional input accepted 1: Additional input ignored; Cisco Unity Connection performs the action assigned to the key.</p>
Notes:	<p>A locked menu entry does not allow additional dialing after this choice is entered, but Cisco Unity Connection will immediately take the associated action. If the action is set to "Ignore" (0), the key is thrown out and the greeting continues playing as normal. Any other action is taken immediately without waiting to determine if the caller is going to dial an extension.</p> <p>If tbl_Greeting->IgnoreDigits = 1, it overrides this setting and has the effect of automatically locking all keys for that call handler. (In Unity 4.x SA, this is the "Allow Caller Input" check-box on the call handler or subscriber "Greetings" page.)</p> <p>Values: 0: Unlocked - Additional dialing after this choice is entered is allowed 1: Locked - Additional dialing is ignored</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MenuEntry.Locked
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TouchtoneKey

Property Name	Value
Description:	The character on the touch-tone keypad that this menu entry corresponds to (*, #, 0,1...9).
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MenuEntry.TouchtoneKey
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[0-9*#]*\$
Validation - Description:	ASCII only characters 0-9, "*", " ", "#"
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.118. vw_MessageAgingPolicy

Simple view for tbl_AgingPolicy

A policy for all associated mailboxes which allows messages to be automatically removed from a user's mailbox after a specified period.

Additional Information

A policy is composed of 0-n AgingRule objects. The details of how the messages are aged is contained in the MessageAgingRules.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The text name of this MessageAgingPolicy. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	
	Enabled	smallint (2 bytes)	A flag indicating whether the policy is enabled.	Bool
	IsSystem	smallint (2 bytes)	A flag indicating whether this policy was created during default system configuration.	Bool
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingPolicy object.	ObjectID

Stored Procedures

Name	Description
csp_MessageAgingPolicyCreate	Creates a new message aging policy by inserting a new row into tbl_MessageAgingPolicy.
csp_MessageAgingPolicyDelete	Deletes a MessageAgingPolicy object from tbl_MessageAgingPolicy as specified by the @ObjectId parameter.
csp_MessageAgingPolicyModify	Updates the attributes of a MessageAgingPolicy object based on the values passed in via the parameters. The @ObjectId parameter identifies the MessageAgingPolicy object that is updated.

Column Properties

DisplayName

Property Name	Value
Description:	The text name of this MessageAgingPolicy. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingPolicy.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Enabled

Property Name	Value
Description:	A flag indicating whether the policy is enabled.
Notes:	Values: 0: Message aging policy is not enabled 1: Message aging policy is enabled.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingPolicy.Enabled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsSystem

Property Name	Value
Description:	A flag indicating whether this policy was created during default system configuration.
Notes:	Values: 0: Message aging policy not default system policy. 1: Message aging policy is default system policy.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingPolicy.IsSystem
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingPolicy object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingPolicy.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

5.119. vw_MessageAgingRule

Simple view for tbl_AgingRule

A collection of attributes that indicate how to age a group of messages.

Additional Information

Examples:

A rule where Days=7, Deleted=0, Seen=1 and Action=SoftDelete will delete all message which are not deleted, but have been read after 7 days from the last modification to the message. The action indicates that these messages will be marked as deleted, rather than removing the messages from the system.

A rule where Days=15, Deleted=1, Seen=NULL and Action=HardDelete will delete all message new and read messages which are in the deleted state after 15 days from the last modification to the message. The action indicates that these messages will be permanently removed from system.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Action	int (4 bytes)	Describes the action to take when the rule is applied.	AgingRuleAction
	AgingTimeType	int (4 bytes)	This defines what column to use (modificationtime or arrivaltime) when calculating messages to age.	AgingTimeType
	Days	int (4 bytes)	Age message older than this number of days.	
	Deleted	smallint (2 bytes)	Apply this rule to messages where UnityMbxDb.tbl_FolderItem.Deleted is equal to this value.	Bool
	Enabled	smallint (2 bytes)	If not true, then don't apply this rule as part of the message aging policy	Bool
	MessageAgingPolicyObjectId	char (36 characters)	The objectid of the MessageAgingPolicy to which this rule belongs.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingRule object.	ObjectID
	Recent	smallint (2 bytes)	Apply this rule to messages where tbl_FolderItem.Recent is equal to this value.	Bool
	Secure	smallint (2 bytes)	Apply this rule to messages where tbl_Message.Secure is equal to this value.	Bool
	Seen	smallint (2 bytes)	Apply this rule to messages where tbl_FolderItem.Seen is equal to this value.	Bool

Stored Procedures

Name	Description
csp_MessageAgingRuleCreate	Creates a new message aging rule by inserting a new row into tbl_MessageAgingRule.
csp_MessageAgingRuleDelete	Deletes a MessageAgingRule object from tbl_MessageAgingRule as specified by the @ObjectId parameter.
csp_MessageAgingRuleModify	Updates the attributes of a MessageAgingRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the MessageAgingRule object that is updated.

Column Properties

Action

Property Name	Value
Description:	Describes the action to take when the rule is applied.
Notes:	Values: 0: 1:
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingRule.Action
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	AgingRuleAction
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AgingTimeType

Property Name	Value
Description:	This defines what column to use (modificationtime or arrivaltime) when calculating messages to age.

Property Name	Value
Notes:	Values: 0: 1:
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingRule.AgingTimeType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	AgingTimeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Days

Property Name	Value
Description:	Age message older than this number of days.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingRule.Days
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	365

Deleted

Property Name	Value
Description:	Apply this rule to messages where UnityMbxDb.tbl_FolderItem.Deleted is equal to this value.
Notes:	If NULL, then apply to messages regardless of the value of UnityMbxDb.tbl_FolderItem.Deleted.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingRule.Deleted
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Enabled

Property Name	Value
Description:	If not true, then don't apply this rule as part of the message aging policy
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingRule.Enabled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

MessageAgingPolicyObjectId

Property Name	Value
Description:	The objectid of the MessageAgingPolicy to which this rule belongs.
Notes:	FK to the Aging Policy table.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingRule.MessageAgingPolicyObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingRule object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingRule.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Recent

Property Name	Value
Description:	Apply this rule to messages where tbl_FolderItem.Recent is equal to this value.
Notes:	If NULL, then apply to messages regardless of the value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingRule.Recent
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Secure

Property Name	Value
Description:	Apply this rule to messages where tbl_Message.Secure is equal to this value.
Notes:	If NULL, then apply to messages regardless of the value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingRule.Secure
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Seen

Property Name	Value
Description:	Apply this rule to messages where tbl_FolderItem.Seen is equal to this value.
Notes:	If NULL, then apply to messages regardless of the value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MessageAgingRule.Seen
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.120. vw_Nickname

A simple view for tbl_Nickname.

A familiar or shortened form of a user or contact's proper name, which is used by the VUI for name recognition. This is a global table for the VMS.

Additional Information

Example: For the proper name of Edward, there are nicknames such as Ed, Eddie, and Eddy. Each of which would be a nickname in this table associated with the CanonicalName of Edward.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CanonicalName	nvarchar (64 characters)	The proper name for a contact or user for which a Nickname is associated.	DisplayName
	Nickname	nvarchar (64 characters)	A nick name associated with the name.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Nickname object.	ObjectID

Stored Procedures

Name	Description
csp_NicknameCreate	Creates a new Nickname object by inserting a new row into tbl_Nickname.
csp_NicknameDelete	Deletes a Nickname object from tbl_Nickname as specified by the @ObjectId parameter.
csp_NicknameModify	Updates the attributes of a Nickname object based on the values passed in via the parameters. The @ObjectId parameter identifies the Nickname object that is updated.

Column Properties

CanonicalName

Property Name	Value
Description:	The proper name for a contact or user for which a Nickname is associated.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Nickname.CanonicalName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Nickname

Property Name	Value
Description:	A nick name associated with the name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Nickname.Nickname
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Nickname object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Nickname.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.121. vw_NotificationAllActiveDevices

This view shows all active devices for users on the system. If a user does not have a single active device then a row will be present for this user with deviceobjectid and mwioobjectid both set to null.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	DeviceDisplayName	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone, " etc.	DisplayName
PK	DeviceObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.	ObjectID
	DeviceType	int (4 bytes)	The device type (Dial, Numeric Pager, SMTP, Fax).	Delivery-DeviceType
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId
	FailRuleObjectId	char (36 characters)	The unique identifier of the NotificationRule object that Cisco Unity Connection will run if attempted notification to the device specified in this rule fails.	ObjectID
	IncludeFaxMessages	smallint (2 bytes)	A flag indicating whether the MWI should be set for a FAX message.	Bool
	IncludeTextMessages	smallint (2 bytes)	A flag indicating whether the MWI should be set for a text message.	Bool
	IncludeVoiceMessages	smallint (2 bytes)	A flag indicating whether the MWI should be set for a voice message.	Bool
	InitialDelay	int (4 bytes)	The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).	
PK	MailboxId	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.	
	MediaPortObjectId	char (36 characters)	The unique identifier of the MediaPort object Cisco Unity Connection uses to set MWI.	ObjectID
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	MwiDisplayName	nvarchar (64 characters)	The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or " Lab Phone."	DisplayName
	MwiExtension	nvarchar (40 characters)	The phone number (extension) of the MWI to activate.	PhoneNumber E123_Required
PK	MwiObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.	ObjectID
	MwiOn	smallint (2 bytes)	A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.	Bool
	RepeatInterval	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait before re-notifying a subscriber of new messages.	
	RepeatNotify	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection begins a notification process immediately upon the arrival of each message that matches the specified criteria.	Bool
	RuleDisplayName	nvarchar (64 characters)	The text name for this notification rule to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	RuleObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationRule object.	ObjectID
	ScheduleSetObjectId	char (36 characters)	The unique identifier of the ScheduleSet object that specifies the schedule for this notification rule.	ObjectID
	SubscriberDisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
PK	SubscriberObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID
	TimeZone	int (4 bytes)	The time zone to which this user account is associated.	

Stored Procedures

vw_NotificationAllActiveDevices has no stored procedures.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DeviceDisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," "Pager 2," "Work Phone," etc.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

DeviceObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Notes:	
Business Rules:	
Developer Notes:	Surrogate key - for lookups mainly.
Table/Column Mapping:	tbl_NotificationDevice.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DeviceType

Property Name	Value
Description:	The device type (Dial, Numeric Pager, SMTP, Fax).
Notes:	Values: 1: Dialable phone device. 2: Numeric pager. 3: Fax (not used in Cisco Unity Connection). 4: SMTP address. 5: SMS device. 7: MP3 Device.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.Type
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	DeliveryDeviceType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\~_\.@,;\+\\ %\?^\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FailRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object that Cisco Unity Connection will run if attempted notification to the device specified in this rule fails.
Notes:	Note that the notification device associated with the specified failed rule does not have to be active.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.FailRuleObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeFaxMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a FAX message.
Notes:	Values: 0: Do not set MWI for fax message. 1: Set MWI for fax message.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.IncludeFaxMessages
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeTextMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a text message.
Notes:	Values: 0: Do not set MWI for text message. 1: Set MWI for text message.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.IncludeTextMessages
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeVoiceMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a voice message.
Notes:	Values: 0: Do not set MWI for voice message. 1: Set MWI for voice message.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.IncludeVoiceMessages
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

InitialDelay

Property Name	Value
Description:	The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).
Notes:	If the delay time takes the notification out to a time when the device schedule is no longer active, the notification does not take place.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.InitialDelay
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	120

MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	For users with mailboxes on UMSS, the objectid of the UMSS mailbox object is contained here. For users with mailboxes on an other mail store such as Exchange or Domino, the user's legacy Exchange DN or primary SMTP address is stored here.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (110 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	110 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortObjectId

Property Name	Value
Description:	The unique identifier of the MediaPort object Cisco Unity Connection uses to set MWI.
Notes:	This information is needed by the Notifier to set MWI for some switches that require that the same port that turned ON a MWI must also turn OFF that same MWI.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.MediaPortObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI.
Notes:	FK to tbl_MediaSwitchObjectId
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.MediaSwitchObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiDisplayName

Property Name	Value
Description:	The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or " Lab Phone."
Notes:	The text name must be unique for each subscriber.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiExtension

Property Name	Value
Description:	The phone number (extension) of the MWI to activate.
Notes:	NULL means use the subscriber's extension.
Business Rules:	Multiple MWI extensions must be unique for a single subscriber.
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.MwiExtension
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	PhoneNumberE123_Required
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,,]+\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiOn

Property Name	Value
Description:	A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.

Property Name	Value
Notes:	Values: 0: MWI is off 1: MWI is on
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.MwiOn
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RepeatInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait before re-notifying a subscriber of new messages.
Notes:	Cisco Unity Connection attempts notification immediately after the first message, and then initiates a notification schedule based on the specified interval. The notification schedule is effective for as long as the subscriber has one or more new messages.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.RepeatInterval
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	60

RepeatNotify

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection begins a notification process immediately upon the arrival of each message that matches the specified criteria.
Notes:	<p>In other words, if this subscriber has unopened messages of types set up in this rule's events, then repeatedly notify him/her until the schedule expires or the messages are opened. This is independent of each/batch designations.</p> <p>Cisco Unity Connection considers notification successful if the device answers, even if new messages remain. (For example, notification is considered successful even when an answering machine picks up and records the message, but the message remains unread in the mailbox.)</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.RepeatNotify
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RuleDisplayName

Property Name	Value
Description:	The text name for this notification rule to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	Not relevant since there can only be one notification rule per notification device.
Business Rules:	The DisplayName must be unique for a User.
Developer Notes:	Since DisplayName is no longer relevant, it should be deprecated.
Table/Column Mapping:	tbl_NotificationRule.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RuleObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationRule object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object that specifies the schedule for this notification rule.
Notes:	Created by default, but without any schedules.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.ScheduleSetObjectId
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberDisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	<p>The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns.</p> <p>If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.</p>
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	<p>The TimeZone value refers to an entry in the table tbl_TimeZone.</p> <p>By default this value is NULL, which means the user is in the same time zone as the VMS on which their account resides. If, however, a user is checking messages from another time zone, this value can be set to associate them with any time zone.</p> <p>Since messages are all stored with time stamps in Universal Time Coordinated (UTC), Unity translates the times into the appropriate time zone on the fly when users are checking messages in the same way an email client does when showing you your inbox.</p>
Business Rules:	
Developer Notes:	In versions prior to Cisco Unity Connection, the bias was stored in the lower 16-bits of the integer and the upper 16-bits was reserved for an identifier.
Table/Column Mapping:	tbl_User.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.122. vw_NotificationDevice

A simple view for tbl_NotificationDevice.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Active	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).	Bool
	AfterDialDigits	nvarchar (32 characters)	The extra digits (if any) that Cisco Unity Connection will dial after the phone number.	Notifica- tionDeviceAf- terDialDigits
	BusyRetryInterval	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.	
	Conversation	nvarchar (64 characters)	The name of the Conversation Cisco Unity Connection will use when calling the subscriber to notify of new messages. This maps to one of the conversations in tbl_Conversation.	Conversation- Name
	DetectTransferLoop	smallint (2 bytes)	A flag indicating whether Unity can do a loop detect transfer to this device.	Bool
	DeviceName	nvarchar (12 characters)	The "DeviceName" of the notification device.	Notifica- tionDevice- Name
	DialDelay	int (4 bytes)	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.	
	DisplayName	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone, " etc.	DisplayName
	MaxBody	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.	
	MaxSubject	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.	
	MediaSwitchDisplay- Name	nvarchar (64 characters)	The text name of the Media Switch.	DisplayName
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object to use for notification.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.	ObjectID
	PhoneNumber	nvarchar (40 characters)	The phone number to dial, including the trunk access code (if any), of the device.	PhoneNumberE123
	PromptForId	smallint (2 bytes)	A flag indicating whether to prompt a subscriber for their Cisco Unity Connection ID, or just their password.	Bool
	RetriesOnBusy	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if it is busy.	
	RetriesOnRna	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.	
	RingsToWait	int (4 bytes)	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.	
	RnaRetryInterval	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.	
	SendCallerId	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.	Bool
	SendCount	smallint (2 bytes)	A flag indicting whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.	Bool
	SendPcaLink	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include a link to the PCA with the notification message.	Bool
	SmppProviderObjectId	char (36 characters)	The unique identifier of the SMPPProvider object that is used by this notification device.	ObjectID
	SmtAddress	lvarchar (320 characters)	The e-mail address of the text pager, text-compatible cell phone, or another e-mail account (such as a home e-mail address) to which the notification message is to be sent. In the SA, this is referred to as the "To:" field.	EmailAddress
	StaticText	lvarchar (256 characters)	The actual text message that the subscriber wants to receive in a Text Pager notification. The SA refers to this as the "Send:" field.	
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this notification device belongs.	ObjectID
	TransmitForcedAuthorizationCode	smallint (2 bytes)	A flag indicating whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.	Bool
	Type	int (4 bytes)	The device type (Dial, Numeric Pager, SMTP, Fax).	Delivery-DeviceType

Key	Name	SQL Data Type/Length	Description	Custom Type
	Undeletable	smallint (2 bytes)	Device cannot be deleted.	Bool
	WaitConnect	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.	Bool

Stored Procedures

vw_NotificationDevice has no stored procedures.

Column Properties

Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	Values: 0: Device is inactive (disabled) 1: Device is active (enabled)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.Active
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterDialDigits

Property Name	Value
Description:	The extra digits (if any) that Cisco Unity Connection will dial after the phone number.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.AfterDialDigits
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	NotificationDeviceAfterDialDigits
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[0-9Tt,*#]*\$
Validation - Description:	ASCII digits 0-9, T, t comma, hash and asterisk only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

BusyRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.BusyRetryInterval
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

Conversation

Property Name	Value
Description:	The name of the Conversation Cisco Unity Connection will use when calling the subscriber to notify of new messages. This maps to one of the conversations in tbl_Conversation.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.Conversation
Primary Key:	False
Allow Null:	False
Default Value:	SubNotify
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DetectTransferLoop

Property Name	Value
Description:	A flag indicating whether Unity can do a loop detect transfer to this device.
Notes:	Values 0: Loop detect transfers to this device are NOTallowed 1: Loop detect transfers are allowed to this device
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.DetectTransferLoop
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	<p>This is really more of a "tag" than a name - the sole purpose of this column is to "tag" a device so that it may be modified via a conversation. The DisplayName is the viewable/editable name of the device.</p> <p>Values: Home Phone: Home phone notification device. Mobile Phone: Mobile phone notification device. Other: None of the above. The conversation will ignore these. Pager: Numeric pager notification device. SMS: SMS notification device. SMTP: SMTP notification device. Spare Phone: *** obsolete. Temporary until removed from conversations Work Phone: Work phone notification device.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DeviceName
Primary Key:	False
Allow Null:	False
Default Value:	Other
Custom Type:	NotificationDeviceName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DialDelay

Property Name	Value
Description:	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Notes:	This option can be used if the automatic call progress detection is not reliable (for example, when phone lines are noisy or when ringing patterns are unusual).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.DialDelay
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," "Pager 2," "Work Phone, " etc.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Body. MaxBody seems to be overloaded to mean "urgent override" for AMIS.
Table/Column Mapping:	tbl_NotificationDevice.MaxBody
Primary Key:	False
Allow Null:	False
Default Value:	512
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Subject. A maximum size of 4096 was set arbitrarily.
Table/Column Mapping:	tbl_NotificationDevice.MaxSubject
Primary Key:	False
Allow Null:	False
Default Value:	64
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	4096

MediaSwitchDisplayName

Property Name	Value
Description:	The text name of the Media Switch.
Notes:	
Business Rules:	
Developer Notes:	This column needs to map to tbl_MedaSwitch.DisplayName for the view to work correctly.
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for notification.
Notes:	FK to tbl_MediaSwitchObjectId.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.MediaSwitchObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Notes:	
Business Rules:	
Developer Notes:	Surrogate key - for lookups mainly.
Table/Column Mapping:	tbl_NotificationDevice.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number to dial, including the trunk access code (if any), of the device.
Notes:	Allowable characters are digits 0-9, and comma to insert one-second pause, and hash (" # ") and star (" * ") corresponding to these keys on the phone.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

PromptForId

Property Name	Value
Description:	A flag indicating whether to prompt a subscriber for their Cisco Unity Connection ID, or just their password.
Notes:	1: SubNotify conversation shall prompt for subscriber ID and password (baseline system behavior) before access to the subscriber's mailbox is granted. 0: SubNotify conversation shall prompt only for the associated subscriber password before access to the subscriber's mailbox is granted.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.PromptForId
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RetriesOnBusy

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.RetriesOnBusy
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RetriesOnRna

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.RetriesOnRna
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RingsToWait

Property Name	Value
Description:	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.RingsToWait

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

RnaRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.RnaRetryInterval
Primary Key:	False
Allow Null:	False
Default Value:	15
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.SendCallerId
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCount

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	Values: 0: Do not send subscriber message counts. 1: Send subscriber message counts.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.SendCount
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendPcaLink

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a link to the PCA with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMTP.SendPcaLink
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SmppProviderObjectId

Property Name	Value
Description:	The unique identifier of the SMPPProvider object that is used by this notification device.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMS.SmppProviderObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtAddress

Property Name	Value
Description:	The e-mail address of the text pager, text-compatible cell phone, or another e-mail account (such as a home e-mail address) to which the notification message is to be sent. In the SA, this is referred to as the "To:" field.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMTP.SmtAddress
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	EmailAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StaticText

Property Name	Value
Description:	The actual text message that the subscriber wants to receive in a Text Pager notification. The SA refers to this as the "Send:" field.
Notes:	Typically holds e-mail address. If the DeviceName is "TextforVMI," this column will contain the URL for the Cisco Personal Communications Assistant so that it is automatically included as a link in the body of the e-mail message that is sent to the notification device.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMTP.StaticText
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification device belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Notes:	Values: 0: Do not transmit an authorization code 1: An authorization code must be transmitted to Cisco Call Manager
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.TransmitForcedAuthorizationCode
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The device type (Dial, Numeric Pager, SMTP, Fax).
Notes:	Values: 1: Dialable phone device. 2: Numeric pager. 3: Fax (not used in Cisco Unity Connection). 4: SMTP address. 5: SMS device. 7: MP3 Device.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	DeliveryDeviceType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	Device cannot be deleted.

Property Name	Value
Notes:	For notification devices that are controlled via the TUI and created by default.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WaitConnect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.
Notes:	Values: 0: Do not wait until a connection is detected before dialing the digits in AfterDialDigits. 1: Wait until a connection is detected before dialing the digits in AfterDialDigits.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.WaitConnect
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.123. vw_NotificationDeviceConversation

A of tbl_NotificationDeviceConversation along with the properties from the base object tbl_NotificationDevice.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Active	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).	Bool
	AfterDialDigits	nvarchar (32 characters)	The extra digits (if any) that Cisco Unity Connection will dial after the phone number.	Notifica- tionDeviceAf- terDialDigits
	BusyRetryInterval	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.	
	Conversation	nvarchar (64 characters)	The name of the Conversation Cisco Unity Connection will use when calling the subscriber to notify of new messages. This maps to one of the conversations in tbl_Conversation.	Conversation- Name
	DetectTransferLoop	smallint (2 bytes)	A flag indicating whether Unity can do a loop detect transfer to this device.	Bool
	DeviceName	nvarchar (12 characters)	The "DeviceName" of the notification device.	Notifica- tionDevice- Name
	DialDelay	int (4 bytes)	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.	
	DisplayName	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone, " etc.	DisplayName
	MaxBody	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.	
	MaxSubject	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.	
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object to use for notification.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceConversation object.	ObjectID
	PhoneNumber	nvarchar (40 characters)	The phone number to dial, including the trunk access code (if any), of the device.	PhoneNumber E123
	PromptForId	smallint (2 bytes)	A flag indicating whether to prompt a subscriber for their Cisco Unity Connection ID, or just their password.	Bool
	RetriesOnBusy	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if it is busy.	
	RetriesOnRna	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.	
	RingsToWait	int (4 bytes)	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.	
	RnaRetryInterval	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.	
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this notification device belongs.	ObjectID
	TransmitForcedAuthorizationCode	smallint (2 bytes)	A flag indicating whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.	Bool
	Undeletable	smallint (2 bytes)	Notification device is undeletable.	Bool
	WaitConnect	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.	Bool

Stored Procedures

Name	Description
csp_NotificationDeviceConversationCreate	Creates a new NotificationDeviceConversation object by inserting a new row into tbl_NotificationDeviceConversation. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition it also creates a new NotificationDevice object (base object for a NotificationDeviceConversation object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceConversation object contains the parameters and settings (phonenummer, ringstowait, etc.) for a dialable phone notification device.
csp_NotificationDeviceConversationDelete	Deletes a NotificationDeviceConversation object from tbl_NotificationDeviceConversation and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.

Name	Description
csp_NotificationDeviceConversationModify	Updates the attributes of a NotificationDeviceConversation object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceConversation and NotificationDevice objects that are updated.

Column Properties

Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	Values: 0: Device is inactive (disabled) 1: Device is active (enabled)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.Active
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterDialDigits

Property Name	Value
Description:	The extra digits (if any) that Cisco Unity Connection will dial after the phone number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.AfterDialDigits

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	NotificationDeviceAfterDialDigits
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[0-9Tt, *#]*\$
Validation - Description:	ASCII digits 0-9, T, t comma, hash and asterisk only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

BusyRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.BusyRetryInterval
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

Conversation

Property Name	Value
Description:	The name of the Conversation Cisco Unity Connection will use when calling the subscriber to notify of new messages. This maps to one of the conversations in tbl_Conversation.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.Conversation
Primary Key:	False
Allow Null:	False
Default Value:	SubNotify
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DetectTransferLoop

Property Name	Value
Description:	A flag indicating whether Unity can do a loop detect transfer to this device.
Notes:	Values 0: Loop detect transfers to this device are NOTallowed 1: Loop detect transfers are allowed to this device
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.DetectTransferLoop
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	<p>This is really more of a "tag" than a name - the sole purpose of this column is to "tag" a device so that it may be modified via a conversation. The DisplayName is the viewable/editable name of the device.</p> <p>Values:</p> <p>Home Phone: Home phone notification device.</p> <p>Mobile Phone: Mobile phone notification device.</p> <p>Other: None of the above. The conversation will ignore these.</p> <p>Pager: Numeric pager notification device.</p> <p>SMS: SMS notification device.</p> <p>SMTP: SMTP notification device.</p> <p>Spare Phone: *** obsolete. Temporary until removed from conversations</p> <p>Work Phone: Work phone notification device.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DeviceName
Primary Key:	False
Allow Null:	False
Default Value:	Other
Custom Type:	NotificationDeviceName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DialDelay

Property Name	Value
Description:	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Notes:	This option can be used if the automatic call progress detection is not reliable (for example, when phone lines are noisy or when ringing patterns are unusual).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.DialDelay
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," "Pager 2," "Work Phone," etc.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Body. MaxBody seems to be overloaded to mean "urgent override" for AMIS.
Table/Column Mapping:	tbl_NotificationDevice.MaxBody
Primary Key:	False
Allow Null:	False
Default Value:	512
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Subject. A maximum size of 4096 was set arbitrarily.
Table/Column Mapping:	tbl_NotificationDevice.MaxSubject
Primary Key:	False
Allow Null:	False
Default Value:	64
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	4096

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for notification.
Notes:	FK to tbl_MediaSwitchObjectId.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.MediaSwitchObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceConversation object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_NotificationDevice.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number to dial, including the trunk access code (if any), of the device.
Notes:	Allowable characters are digits 0-9, and comma to insert one-second pause, and hash ("#") and star ("*") corresponding to these keys on the phone.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PromptForId

Property Name	Value
Description:	A flag indicating whether to prompt a subscriber for their Cisco Unity Connection ID, or just their password.
Notes:	1: SubNotify conversation shall prompt for subscriber ID and password (baseline system behavior) before access to the subscriber's mailbox is granted. 0: SubNotify conversation shall prompt only for the associated subscriber password before access to the subscriber's mailbox is granted.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.PromptForId
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RetriesOnBusy

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.RetriesOnBusy
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RetriesOnRna

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.RetriesOnRna
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RingsToWait

Property Name	Value
Description:	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.RingsToWait
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

RnaRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.RnaRetryInterval
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	15
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification device belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.

Property Name	Value
Notes:	Values: 0: Do not transmit an authorization code 1: An authorization code must be transmitted to Cisco Call Manager
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.TransmitForcedAuthorizationCode
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	Notification device is undeletable.
Notes:	The four devices that are accessible via the TUI need to exist at all times.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WaitConnect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.
Notes:	Values: 0: Do not wait until a connection is detected before dialing the digits in AfterDialDigits. 1: Wait until a connection is detected before dialing the digits in AfterDialDigits.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceConversation.WaitConnect
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.124. vw_NotificationDevicePager

A of tbl_NotificationDevicePager along with the properties from the base object tbl_NotificationDevice.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Active	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).	Bool
	AfterDialDigits	nvarchar (32 characters)	The extra digits (if any) that Cisco Unity Connection will dial after the phone number. For numeric pagers, the extra digits are shown on the pager display.	NotificationDeviceAfterDialDigits
	BusyRetryInterval	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.	
	DeviceName	nvarchar (12 characters)	The "DeviceName" of the notification device.	NotificationDeviceName
	DialDelay	int (4 bytes)	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.	
	DisplayName	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2, "Work Phone," etc.	DisplayName
	MaxBody	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.	
	MaxSubject	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.	
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object to use for notification.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevicePager object.	ObjectID
	PhoneNumber	nvarchar (40 characters)	The phone number to dial, including the trunk access code, to send a page.	PhoneNumberE123
	RetriesOnBusy	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if it is busy.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	RetriesOnRna	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.	
	RingsToWait	int (4 bytes)	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.	
	RnaRetryInterval	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.	
	SendCallerId	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.	Bool
	SendCount	smallint (2 bytes)	A flag indicting whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.	Bool
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this notification device belongs.	ObjectID
	TransmitForcedAuthorizationCode	smallint (2 bytes)	A flag indicting whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.	Bool
	Undeletable	smallint (2 bytes)	Device cannot be deleted.	Bool
	WaitConnect	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.	Bool

Stored Procedures

Name	Description
csp_NotificationDevicePagerCreate	Creates a new NotificationDevicePager object by inserting a new row into tbl_NotificationDevicePager. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDevicePager object) by inserting a new row in tbl_NotificationDevice. A NotificationDevicePager object contains the parameters and settings (sendcount, dialdelay, etc.) for a pager (via phone, not SMTP) notification device.
csp_NotificationDevicePagerDelete	Deletes a NotificationDevicePager object from tbl_NotificationDevicePager and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDevicePagerModify	Updates the attributes of a NotificationDevicePager object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDevicePager and NotificationDevice objects that are updated.

Column Properties

Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	Values: 0: Device is inactive (disabled) 1: Device is active (enabled)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.Active
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AfterDialDigits

Property Name	Value
Description:	The extra digits (if any) that Cisco Unity Connection will dial after the phone number. For numeric pagers, the extra digits are shown on the pager display.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.AfterDialDigits
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	NotificationDeviceAfterDialDigits
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[0-9Tt,*#]*\$

Property Name	Value
Validation - Description:	ASCII digits 0-9, T, t comma, hash and asterisk only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

BusyRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.BusyRetryInterval
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.

Property Name	Value
Notes:	<p>This is really more of a "tag" than a name - the sole purpose of this column is to "tag" a device so that it may be modified via a conversation. The DisplayName is the viewable/editable name of the device.</p> <p>Values:</p> <p>Home Phone: Home phone notification device.</p> <p>Mobile Phone: Mobile phone notification device.</p> <p>Other: None of the above. The conversation will ignore these.</p> <p>Pager: Numeric pager notification device.</p> <p>SMS: SMS notification device.</p> <p>SMTP: SMTP notification device.</p> <p>Spare Phone: *** obsolete. Temporary until removed from conversations</p> <p>Work Phone: Work phone notification device.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DeviceName
Primary Key:	False
Allow Null:	False
Default Value:	Other
Custom Type:	NotificationDeviceName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DialDelay

Property Name	Value
Description:	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Notes:	This option can be used if the automatic call progress detection is not reliable (for example, when phone lines are noisy or when ringing patterns are unusual).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.DialDelay
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," "Pager 2," "Work Phone," etc.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Body. MaxBody seems to be overloaded to mean "urgent override" for AMIS.

Property Name	Value
Table/Column Mapping:	tbl_NotificationDevice.MaxBody
Primary Key:	False
Allow Null:	False
Default Value:	512
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Subject. A maximum size of 4096 was set arbitrarily.
Table/Column Mapping:	tbl_NotificationDevice.MaxSubject
Primary Key:	False
Allow Null:	False
Default Value:	64
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	4096

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for notification.

Property Name	Value
Notes:	FK to tbl_MediaSwitchObjectId
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.MediaSwitchObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevicePager object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_NotificationDevice.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number to dial, including the trunk access code, to send a page.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RetriesOnBusy

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.RetriesOnBusy
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RetriesOnRna

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.RetriesOnRna
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RingsToWait

Property Name	Value
Description:	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.RingsToWait
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1

Property Name	Value
Validation - Maximum Value:	100

RnaRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.RnaRetryInterval
Primary Key:	False
Allow Null:	False
Default Value:	15
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.SendCallerId
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCount

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	Values: 0: Do not send subscriber message counts. 1: Send subscriber message counts.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.SendCount
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification device belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.SubscriberObjectId

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicting whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Notes:	Values: 0: Do not transmit an authorization code 1: An authorization code must be transmitted to Cisco Call Manager
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.TransmitForcedAuthorizationCode
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	Device cannot be deleted.
Notes:	For notification devices that are controlled via the TUI and created by default.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WaitConnect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.
Notes:	Values: 0: Do not wait until a connection is detected before dialing the digits in AfterDialDigits. 1: Wait until a connection is detected before dialing the digits in AfterDialDigits.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevicePager.WaitConnect
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.125. vw_NotificationDeviceSMS

A view of tbl_NotificationDeviceSMS along with the properties from the base object tbl_NotificationDevice.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Active	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).	Bool
	DeviceName	nvarchar (12 characters)	The "DeviceName" of the notification device.	Notifica- tionDevice- Name
	DisplayName	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone," etc.	DisplayName
	MaxBody	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.	
	MaxSubject	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMS object.	ObjectID
	RecipientAddress	lvarchar (320 characters)	The phone number of the SMS-compatible device to receive the message. In CUSA, this is referred to as the "To:" field.	
	SendCallerId	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.	Bool
	SendCount	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	SenderAddress	nvarchar (40 characters)	The return phone number for the message notification. Typically, this column contains the number that the subscriber calls to check messages (i.e., pilot number for Cisco Unity Connection voice mail). If the SMPP Provider requires a source address for the server sending the message, the SMSC will overwrite this data with an IP address. In CUSA, this is referred to as the "From:" field.	
	SmppProviderObjectId	char (36 characters)	The unique identifier of the SMPPProvider object that is used by this notification device.	ObjectID
	StaticText	lvarchar (256 characters)	The text message that the subscriber wants to receive in a Text Pager notification. For Text Pager notifications only. The SA refers to this as the "Send:" field. Typically holds email address. Also holds text for text pagers. SA text pager calls this 'send text'. It is empty for numeric pagers.	
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this notification device belongs.	ObjectID
	Undeetable	smallint (2 bytes)	Device cannot be deleted.	Bool

Stored Procedures

Name	Description
csp_NotificationDeviceSMSCreate	Creates a new NotificationDeviceSMS object by inserting a new row into tbl_NotificationDeviceSMS. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDeviceSMS object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceSMS object contains the parameters and settings (sendcount, SMPPProviderObjectid, etc.) for a SMS notification device.
csp_NotificationDeviceSMSDelete	Deletes a NotificationDeviceSMS object from tbl_NotificationDeviceSMS and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDeviceSMSModify	Updates the attributes of a NotificationDeviceSMS object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceSMS and NotificationDevice objects that are updated.

Column Properties

Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	Values: 0: Device is inactive (disabled) 1: Device is active (enabled)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.Active
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	This is really more of a "tag" than a name - the sole purpose of this column is to "tag" a device so that it may be modified via a conversation. The DisplayName is the viewable/editable name of the device. Values: Home Phone: Home phone notification device. Mobile Phone: Mobile phone notification device. Other: None of the above. The conversation will ignore these. Pager: Numeric pager notification device. SMS: SMS notification device. SMTP: SMTP notification device. Spare Phone: *** obsolete. Temporary until removed from conversations Work Phone: Work phone notification device.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DeviceName
Primary Key:	False
Allow Null:	False
Default Value:	Other

Property Name	Value
Custom Type:	NotificationDeviceName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone, " etc.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Body. MaxBody seems to be overloaded to mean "urgent override" for AMIS.
Table/Column Mapping:	tbl_NotificationDevice.MaxBody
Primary Key:	False
Allow Null:	False
Default Value:	512
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Subject. A maximum size of 4096 was set arbitrarily.
Table/Column Mapping:	tbl_NotificationDevice.MaxSubject
Primary Key:	False
Allow Null:	False
Default Value:	64
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	4096

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMS object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_NotificationDevice.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMS.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RecipientAddress

Property Name	Value
Description:	The phone number of the SMS-compatible device to receive the message. In CUSA, this is referred to as the "To:" field.
Notes:	The format and the number depends on the SMPP Provider. The provider may require that you include international country codes, beginning with a plus sign (+) and followed by the country code, area, city, or trunk code, and then the number for the device (for example, +12065551234). Do not start with a zero or the international dialing prefix. Do not include spaces, dashes, parentheses or other punctuation.
Business Rules:	
Developer Notes:	<p>In the View and stored procedures for a NotificationDeviceSMS, this column is named "RecipientAddress." The reason this column was not renamed to a more relevant name is due to the requirements for vw_NotificationDevice, which has an SmtAddress column that is common to all types notification devices.</p> <p>The character constraint for this column that allows any character except control characters is intentional. There are some SMPPProviders that don't exactly adhere to the specification and support other characters in this field other than digits for a phone number.</p>
Table/Column Mapping:	tbl_NotificationDeviceSMS.SmtAddress
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMS.SendCallerId
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCount

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	Values: 0: Do not send subscriber message counts. 1: Send subscriber message counts.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMS.SendCount
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SenderAddress

Property Name	Value
Description:	The return phone number for the message notification. Typically, this column contains the number that the subscriber calls to check messages (i.e., pilot number for Cisco Unity Connection voice mail). If the SMPP Provider requires a source address for the server sending the message, the SMSC will overwrite this data with an IP address. In CUSA, this is referred to as the "From:" field.
Notes:	
Business Rules:	
Developer Notes:	<p>In the View and stored procedures for a NotificationDeviceSMS, this column is named "ReplyToNumber." The reason this column was not renamed to a more relevant name is due to the requirements for vw_NotificationDevice, which has a PhoneNumber column that is common to all types notification devices.</p> <p>The character constraint for this column that allows any character except control characters is intentional. There are some SMPPProviders that allow users to enter text in this field, which will be forwarded to the SMS device.</p>
Table/Column Mapping:	tbl_NotificationDeviceSMS.PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmppProviderObjectId

Property Name	Value
Description:	The unique identifier of the SMPPProvider object that is used by this notification device.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMS.SmppProviderObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StaticText

Property Name	Value
Description:	The text message that the subscriber wants to receive in a Text Pager notification. For Text Pager notifications only. The SA refers to this as the "Send:" field. Typically holds email address. Also holds text for text pagers. SA text pager calls this 'send text'. It is empty for numeric pagers.
Notes:	The maximum length of 160 characters is derived from SMS specification.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMS.StaticText
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	160 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification device belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	Device cannot be deleted.
Notes:	For notification devices that are controlled via the TUI and created by default.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.126. vw_NotificationDeviceSMTP

A view of tbl_NotificationDeviceSMTP along with the properties from the base object tbl_NotificationDevice.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Active	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).	Bool
	DeviceName	nvarchar (12 characters)	The "DeviceName" of the notification device.	Notifica- tionDevice- Name
	DisplayName	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone," etc.	DisplayName
	MaxBody	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.	
	MaxSubject	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMTP object.	ObjectID
	PhoneNumber	varchar (40 characters)	The phone number or alphanumeric text (as applicable) for sending a notification message to a text-compatible cell phone or pager. In the SA, this is referred to as the "From:" field. Typically, this field contains the number that the subscriber calls to check messages.	
	SendCallerId	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.	Bool
	SendCount	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.	Bool
	SendPcaLink	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include a link to the PCA with the notification message.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	SmtAddress	lvarchar (320 characters)	The e-mail address of the text pager, text-compatible cell phone, or another e-mail account (such as a home e-mail address) to which the notification message is to be sent. In the SA, this is referred to as the "To:" field.	EmailAddress
	StaticText	lvarchar (256 characters)	The actual text message that the subscriber wants to receive in a Text Pager notification. The SA refers to this as the "Send:" field.	
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this notification device belongs.	ObjectID
	Undeleteable	smallint (2 bytes)	Device cannot be deleted.	Bool

Stored Procedures

Name	Description
csp_NotificationDeviceSMTPCreate	Creates a new NotificationDeviceSMTP object by inserting a new row into tbl_NotificationDeviceSMTP. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDeviceSMTP object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceSMTP object contains the parameters and settings (sendcount, smtpaddress, etc.) for a SMTP notification device.
csp_NotificationDeviceSMTPDelete	Deletes a NotificationDeviceSMTP object from tbl_NotificationDeviceSMTP and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.
csp_NotificationDeviceSMTPModify	Updates the attributes of a NotificationDeviceSMTP object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceSMTP and NotificationDevice objects that are updated.

Column Properties

Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	Values: 0: Device is inactive (disabled) 1: Device is active (enabled)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.Active

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	<p>This is really more of a "tag" than a name - the sole purpose of this column is to "tag" a device so that it may be modified via a conversation. The DisplayName is the viewable/editable name of the device.</p> <p>Values:</p> <p>Home Phone: Home phone notification device.</p> <p>Mobile Phone: Mobile phone notification device.</p> <p>Other: None of the above. The conversation will ignore these.</p> <p>Pager: Numeric pager notification device.</p> <p>SMS: SMS notification device.</p> <p>SMTP: SMTP notification device.</p> <p>Spare Phone: *** obsolete. Temporary until removed from conversations</p> <p>Work Phone: Work phone notification device.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DeviceName
Primary Key:	False
Allow Null:	False
Default Value:	Other
Custom Type:	NotificationDeviceName
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," "Pager 2," "Work Phone," etc.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Body. MaxBody seems to be overloaded to mean "urgent override" for AMIS.
Table/Column Mapping:	tbl_NotificationDevice.MaxBody
Primary Key:	False
Allow Null:	False
Default Value:	512
Custom Type:	
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	RFC 822 doesn't enforce a limit on the size of Subject. A maximum size of 4096 was set arbitrarily.
Table/Column Mapping:	tbl_NotificationDevice.MaxSubject
Primary Key:	False
Allow Null:	False
Default Value:	64
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	4096

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMTP object.
Notes:	The value of this objectid is the same as the objectid of its associated base object in tbl_NotificationDevice.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMTP.ObjectId

Property Name	Value
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number or alphanumeric text (as applicable) for sending a notification message to a text-compatible cell phone or pager. In the SA, this is referred to as the "From:" field. Typically, this field contains the number that the subscriber calls to check messages.
Notes:	
Business Rules:	
Developer Notes:	Must be same type/length as PhoneNumberE123 custom type, but we can't use that here because we need to include alpha.
Table/Column Mapping:	tbl_NotificationDeviceSMTP.PhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMTP.SendCallerId
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendCount

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	Values: 0: Do not send subscriber message counts. 1: Send subscriber message counts.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMTP.SendCount
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SendPcaLink

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a link to the PCA with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMTP.SendPcaLink
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtpAddress

Property Name	Value
Description:	The e-mail address of the text pager, text-compatible cell phone, or another e-mail account (such as a home e-mail address) to which the notification message is to be sent. In the SA, this is referred to as the "To:" field.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMTP.SmtpAddress
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	EmailAddress
SQL Data Type/Length:	lvarchar (320 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StaticText

Property Name	Value
Description:	The actual text message that the subscriber wants to receive in a Text Pager notification. The SA refers to this as the "Send:" field.
Notes:	Typically holds e-mail address. If the DeviceName is "TextforVMI," this column will contain the URL for the Cisco Personal Communications Assistant so that it is automatically included as a link in the body of the e-mail message that is sent to the notification device.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDeviceSMTP.StaticText
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification device belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationDevice.SubscriberObjectId

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	Device cannot be deleted.
Notes:	For notification devices that are controlled via the TUI and created by default.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.127. vw_NotificationMwi

A simple view for tbl_NotificationMwi.

Additional Information

If tbl_NotificationMwi is NULL, use the subscriber's primary DtmfAccessId.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Active	smallint (2 bytes)	Is this active?	Bool
	DisplayName	nvarchar (64 characters)	The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or " Lab Phone."	DisplayName
	IncludeFaxMessages	smallint (2 bytes)	A flag indicating whether the MWI should be set for a FAX message.	Bool
	IncludeTextMessages	smallint (2 bytes)	A flag indicating whether the MWI should be set for a text message.	Bool
	IncludeVoiceMessages	smallint (2 bytes)	A flag indicating whether the MWI should be set for a voice message.	Bool
	MediaPortObjectId	char (36 characters)	The unique identifier of the MediaPort object Cisco Unity Connection uses to set MWI.	ObjectID
	MediaSwitchDisplay-Name	nvarchar (64 characters)	The text name of the Media Switch.	
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI.	ObjectID
	MwiExtension	nvarchar (40 characters)	The phone number (extension) of the MWI to activate.	PhoneNumber E123_Required
	MwiOn	smallint (2 bytes)	A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.	Bool
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.	ObjectID
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this MWI belongs.	ObjectID
	UsePrimaryExtension	smallint (2 bytes)	If set to true (1), the subscriber's primary extension is used (and will be the value contained in MwiExtension)	Bool

Stored Procedures

Name	Description
csp_NotificationMwiCreate	Creates a new NotificationMwi object by inserting a new row into tbl_NotificationMwi. A NotificationMwi object contains the properties for one of a subscriber's notification devices.
csp_NotificationMwiDelete	Deletes a NotificationMwi object from tbl_NotificationMwi as specified by the @ObjectId parameter.
csp_NotificationMwiModify	Updates the attributes of a NotificationMwi object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationMwi object that is updated.

Column Properties

Active

Property Name	Value
Description:	Is this active?
Notes:	1 means that it is active and the MWI will be turned on/off by the notifier.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.Active
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or " Lab Phone."
Notes:	The text name must be unique for each subscriber.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeFaxMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a FAX message.
Notes:	Values: 0: Do not set MWI for fax message. 1: Set MWI for fax message.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.IncludeFaxMessages
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeTextMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a text message.
Notes:	Values: 0: Do not set MWI for text message. 1: Set MWI for text message.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.IncludeTextMessages
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IncludeVoiceMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a voice message.
Notes:	Values: 0: Do not set MWI for voice message. 1: Set MWI for voice message.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.IncludeVoiceMessages
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaPortObjectId

Property Name	Value
Description:	The unique identifier of the MediaPort object Cisco Unity Connection uses to set MWI.
Notes:	This information is needed by the Notifier to set MWI for some switches that require that the same port that turned ON a MWI must also turn OFF that same MWI.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.MediaPortObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchDisplayName

Property Name	Value
Description:	The text name of the Media Switch.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI.
Notes:	FK to tbl_MediaSwitchObjectId
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.MediaSwitchObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiExtension

Property Name	Value
Description:	The phone number (extension) of the MWI to activate.
Notes:	NULL means use the subscriber's extension.
Business Rules:	Multiple MWI extensions must be unique for a single subscriber.
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.MwiExtension
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	PhoneNumberE123_Required
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#*,]+\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MwiOn

Property Name	Value
Description:	A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.
Notes:	Values: 0: MWI is off 1: MWI is on
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.MwiOn
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this MWI belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationMwi.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UsePrimaryExtension

Property Name	Value
Description:	If set to true (1), the subscriber's primary extension is used (and will be the value contained in MwiExtension)
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.128. vw_NotificationRule

A simple view for tbl_NotificationRule.

A group of settings for each notification device that control when and how notifications are sent to the first and subsequent devices.

Additional Information

Each notification device is associated with a notification rule, which determines the schedule the device is active for and whether notifications are repeated at what interval. The criteria and events that will cause the rule to trigger are defined in the NotificationCriteria and NotificationEvent tables.

This table contains all the notification rules for each subscriber on the local VMS.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The text name for this notification rule to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	FailRuleObjectId	char (36 characters)	The unique identifier of the NotificationRule object that Cisco Unity Connection will run if attempted notification to the device specified in this rule fails.	ObjectID
	InitialDelay	int (4 bytes)	The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).	
	NotificationDeviceObjectId	char (36 characters)	The unique identifier of the NotificationDevice object to use.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationRule object.	ObjectID
	RepeatInterval	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait before re-notifying a subscriber of new messages.	
	RepeatNotify	smallint (2 bytes)	A flag indicting whether Cisco Unity Connection begins a notification process immediately upon the arrival of each message that matches the specified criteria.	Bool
	ScheduleSetObjectId	char (36 characters)	The unique identifier of the ScheduleSet object that specifies the schedule for this notification rule.	ObjectID
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this notification rule belongs.	ObjectID

Stored Procedures

Name	Description
csp_NotificationRuleCreate	Creates a new NotificationRule object by inserting a new row into tbl_NotificationRule. A NotificationRule object specifies when and which NotificationDevice is used for notification of new messages.
csp_NotificationRuleModify	Updates the attributes of a NotificationRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationRule object that is updated.

Column Properties

DisplayName

Property Name	Value
Description:	The text name for this notification rule to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	Not relevant since there can only be one notification rule per notification device.
Business Rules:	The DisplayName must be unique for a User.
Developer Notes:	Since DisplayName is no longer relevant, it should be deprecated.
Table/Column Mapping:	tbl_NotificationRule.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FailRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object that Cisco Unity Connection will run if attempted notification to the device specified in this rule fails.

Property Name	Value
Notes:	Note that the notification device associated with the specified failed rule does not have to be active.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.FailRuleObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

InitialDelay

Property Name	Value
Description:	The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).
Notes:	If the delay time takes the notification out to a time when the device schedule is no longer active, the notification does not take place.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.InitialDelay
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	120

NotificationDeviceObjectId

Property Name	Value
Description:	The unique identifier of the NotificationDevice object to use.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.NotificationDeviceObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationRule object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RepeatInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait before re-notifying a subscriber of new messages.
Notes:	Cisco Unity Connection attempts notification immediately after the first message, and then initiates a notification schedule based on the specified interval. The notification schedule is effective for as long as the subscriber has one or more new messages.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.RepeatInterval
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	60

RepeatNotify

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection begins a notification process immediately upon the arrival of each message that matches the specified criteria.
Notes:	<p>In other words, if this subscriber has unopened messages of types set up in this rule's events, then repeatedly notify him/her until the schedule expires or the messages are opened. This is independent of each/batch designations.</p> <p>Cisco Unity Connection considers notification successful if the device answers, even if new messages remain. (For example, notification is considered successful even when an answering machine picks up and records the message, but the message remains unread in the mailbox.)</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.RepeatNotify
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object that specifies the schedule for this notification rule.
Notes:	Created by default, but without any schedules.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.ScheduleSetObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRule.SubscriberObjectId
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.129. vw_NotificationRuleCriteria

A simple view for tbl_NotificationRuleCriteria.

A test or set of conditions that will trigger a notification rule.

Additional Information

There will be one row per criterion that is enabled for a notification rule. Criteria are pre-defined and specified by an integer value (see the NotificationCriteria column).

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	NotificationCriteria	int (4 bytes)	The criteria under which a notification rule will run, such as when there is a pending voice mail message.	NotificationRuleCriteria
PK	NotificationRuleObjectId	char (36 characters)	The unique identifier of the NotificationRule object for which this criteria applies.	ObjectID

Stored Procedures

Name	Description
csp_NotificationRuleCriteriaCreate	Creates a new NotificationRuleCriteria object by inserting a new row into tbl_NotificationRuleCriteria. A NotificationRuleCriteria object specifies the criteria that will trigger a notification rule.
csp_NotificationRuleCriteriaDelete	Deletes a NotificationRuleCriteria object from tbl_NotificationRuleCriteria as specified by the @ObjectId parameter.

Column Properties

NotificationCriteria

Property Name	Value
Description:	The criteria under which a notification rule will run, such as when there is a pending voice mail message.

Property Name	Value
Notes:	Values: 1: Pending voice mail. 2: Pending urgent voice mail message. 3: Pending e-mail message. 4: Pending urgent e-mail message. 5: Pending fax message. 6: Pending urgent fax message. 7: Pending message of any type 8: Pending urgent message of any type.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRuleCriteria.NotificationCriteria
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	NotificationRuleCriteria
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NotificationRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object for which this criteria applies.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRuleCriteria.NotificationRuleObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

5.130. vw_NotificationRuleEvent

A simple view for tbl_NotificationRuleEvent.

An event such as the first urgent voice mail message, which will trigger a message notification rule.

Additional Information

There will be one row per event that should be enabled for a notification rule.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	NotificationEvent	int (4 bytes)	The actual event to enable for a notification rule, such as for the first urgent voice mail message.	NotificationRuleEvent
PK	NotificationRuleObjectId	char (36 characters)	The unique identifier of the NotificationRule object for which this event applies.	ObjectID

Stored Procedures

Name	Description
csp_NotificationRuleEventCreate	Creates a new NotificationRuleEvent object by inserting a new row into tbl_NotificationRuleEvent. A NotificationRuleEvent object specifies the message notification event for a notification rule that triggers notification rule.
csp_NotificationRuleEventDelete	Deletes a NotificationRuleEvent object from tbl_NotificationRuleEvent as specified by the @ObjectId parameter.

Column Properties

NotificationEvent

Property Name	Value
Description:	The actual event to enable for a notification rule, such as for the first urgent voice mail message.

Property Name	Value
Notes:	Values: 0: None 1: First voice mail message. 10: First urgent fax message. 11: New fax message. 12: New urgent fax message. 13: First message of any type. 14: First urgent message of any type. 15: New message of any type. 16: New urgent message of any type. 17: Runs when schedule becomes active 2: First urgent voice mail message. 3: New voice mail message. 4: New urgent voice mail message. 5: First e-mail message. 6: First urgent email message. 7: New e-mail message. 8: New urgent e-mail message. 9: First fax message.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRuleEvent.NotificationEvent
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	NotificationRuleEvent
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NotificationRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object for which this event applies.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_NotificationRuleEvent.NotificationRuleObjectId
Primary Key:	True
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.131. vw_PersonalContact

A simple view for tbl_PersonalContact.

The basic contact information for a person or entity (e.g., business) who is not a Cisco Unity Connection user.

Additional Information

Used for PA subscriber features along with CallerID, and perhaps more eventually.

A tool to import these from existing PIMs would be nice...

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AltFirstName	nvarchar (64 characters)	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.	AltName
	AltLastName	nvarchar (64 characters)	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.	AltName
	ClientMatterCode	varchar (40 characters)	The client matter code to transmit to Call Manger when any of the phone numbers for this contact are dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.	ClientMatter-Code
	DirectoryId	lvarchar (2048 characters)	The identifier of this personal contact in a groupware package (for synchronization).	DirectoryId
	DisplayName	nvarchar (64 characters)	The unique text name of the personal contact to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	EmailAddress	lvarchar (320 characters)	The e-mail address (outbound) of the personal contact.	EmailAddress
	FirstName	nvarchar (64 characters)	The first name (i.e., givenName) of a personal contact. Not their surname nor middle name.	Name
	LastName	nvarchar (64 characters)	The last name (i.e., surname or family name) of a personal contact, by which a person is commonly known.	Name
	NickName	nvarchar (64 characters)	The name a user might give for a particular personal contact name that might be hard to pronounce or how they often refer to someone (i.e. Nicholas might be Nick).	Name

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalContact object.	ObjectID
	UserObjectId	char (36 characters)	The unique identifier of the User object to which this personal contact belongs.	ObjectID

Stored Procedures

Name	Description
csp_PersonalContactCreate	Creates a new PersonalContact object for a user by inserting a new row into tbl_PersonalContact.
csp_PersonalContactDelete	Deletes a PersonalContact object from tbl_PersonalContact as specified by the @ObjectId parameter.
csp_PersonalContactModify	Updates the attributes of a PersonalContact object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalContact object that is updated.

Column Properties

AltFirstName

Property Name	Value
Description:	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Notes:	Used to enable name lookup via the VUI client when the primary user firstname contains characters not supported by a speech recognition engine. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable the VUI to search for a user name, an alternate spelling of the user name in ASCII characters can be stored in the altfirstname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.AltFirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltLastName

Property Name	Value
Description:	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Notes:	Used to enable name lookup via the VUI client when the primary user lastname contains characters not supported by a speech recognition engine. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable the VUI to search for a user name, an alternate spelling of the user name in ASCII characters can be stored in the altlastname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.AltLastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when any of the phone numbers for this contact are dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.ClientMatterCode

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DirectoryId

Property Name	Value
Description:	The identifier of this personal contact in a groupware package (for synchronization).
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.DirectoryId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of the personal contact to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.

Property Name	Value
Notes:	Users must be allowed to import duplicate contact names. Therefore, there is not a unique constraint on the DisplayName.
Business Rules:	Must allow personal contact to be created with blank DisplayName.
Developer Notes:	To allow import of personal contacts without DisplayName (Exchange does not require a DisplayName), the default value of DisplayName is set to empty string (blank).See CSCsh41143.
Table/Column Mapping:	tbl_PersonalContact.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmailAddress

Property Name	Value
Description:	The e-mail address (outbound) of the personal contact.
Notes:	The idea is that the email address of the contact could be used to deliver voice messages to the contact - similar to internet subscribers.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.EmailAddress
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	EmailAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of a personal contact. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.FirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of a personal contact, by which a person is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.LastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NickName

Property Name	Value
Description:	The name a user might give for a particular personal contact name that might be hard to pronounce or how they often refer to someone (i.e. Nicholas might be Nick).
Notes:	The nickname for a personal contact is recognized when doing speech enabled name dialing or the persons full name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.NickName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalContact object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this personal contact belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.UserObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.132. vw_PersonalContactPhone

A simple view for tbl_PersonalContactPhone.

A phone number for a personal contact who is not a Cisco Unity Connection user or listed in the corporate directory.

Additional Information

This was kept separate from the tbl_PhoneNumber table purposefully since their use is much different.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DialablePhoneNumber	varchar (255 characters)	Dialable version of the phone number, including any special codes for outside access if needed.	Dialable-PhoneNumber
PK	PersonalContactObjectId	char (36 characters)	The unique identifier of the PersonalContact object to which this phone number belongs.	ObjectID
	PhoneNumber	varchar (255 characters)	The phone number.	PhoneNumber
PK	PhoneType	smallint (2 bytes)	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.	PhoneType
	SearchablePhoneNumber	varchar (255 characters)	Phone number without formatting or any dial codes. A basic form suitable for searching on.	PhoneNumber

Stored Procedures

Name	Description
csp_PersonalContactPhoneCreate	Creates a new PhoneNumber object for a PersonContact by inserting a new row into tbl_PersonalContactPhone.
csp_PersonalContactPhoneDelete	Deletes a PersonalContactPhone object from tbl_PersonalContactPhone as specified by the @PersonalObjectId and @PhoneType parameters.
csp_PersonalContactPhoneModify	Updates the attributes of a PersonalContactPhone object based on the values passed in via the parameters. The @PersonalContactObjectId, @PhoneNumber, and @PhoneType parameters identify the PersonalContactPhone object that is updated.

Column Properties

DialablePhoneNumber

Property Name	Value
Description:	Dialable version of the phone number, including any special codes for outside access if needed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContactPhone.DialablePhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DialablePhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[0-9Tt#*,]*\$
Validation - Description:	Digit, T, hash, *, or comma.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the PersonalContact object to which this phone number belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContactPhone.PersonalContactObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContactPhone.PhoneNumber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #_\. @,;:\ \\%\'?\"()~*!&=\\$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneType

Property Name	Value
Description:	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.

Property Name	Value
Notes:	<p>Values:</p> <p>1: Primary work (business or office) telephone number.</p> <p>10: Telephone number for assistant such as in an executive and executive assistant relationship.</p> <p>11: Text Telephone (TTY) and/or Telecommunications Device for the Deaf (TDD) service for the hearing impaired.</p> <p>14: First other (spare) telephone number.</p> <p>15: Second other (spare) telephone number.</p> <p>16: Third other (spare) telephone number.</p> <p>17: Fourth other (spare) telephone number.</p> <p>18: Fifth other (spare) telephone number.</p> <p>19: Sixth other (spare) telephone number.</p> <p>2: Secondary work (business or office) telephone number.</p> <p>20: Seventh other (spare) telephone number.</p> <p>21: Eighth other (spare) telephone number.</p> <p>22: Ninth other (spare) telephone number.</p> <p>23: Tenth other (spare) telephone number.</p> <p>24: Eleventh other (spare) telephone number.</p> <p>25: Twelveth other (spare) telephone number.</p> <p>26: Thirteenth other (spare) telephone number.</p> <p>27: Fourteenth other (spare) telephone number.</p> <p>28: Fifteenth other (spare) telephone number.</p> <p>29: Sixteenth other (spare) telephone number.</p> <p>3: Primary home telephone number.</p> <p>30: Seventeenth other (spare) telephone number.</p> <p>31: Eighteenth other (spare) telephone number.</p> <p>32: Nineteenth other (spare) telephone number.</p> <p>33: Twentieth other (spare) telephone number.</p> <p>4: Secondary home telephone number.</p> <p>5: Primary mobile (cell) telephone number.</p> <p>6: Secondary mobile (cell) telephone number.</p> <p>7: Primary work (business or office) fax delivery telephone number.</p> <p>8: Secondary work (business or office) fax delivery telephone number.</p> <p>9: Home fax delivery telephone number.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContactPhone.PhoneType
Primary Key:	True
Allow Null:	False
Default Value:	3
Custom Type:	PhoneType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SearchablePhoneNumber

Property Name	Value
Description:	Phone number without formatting or any dial codes. A basic form suitable for searching on.
Notes:	If PhoneNumber is not specified, the stored procedures will generate SearchablePhoneNumber by stripping out spaces and the following formatting characters: -()#*+.,
Business Rules:	
Developer Notes:	NULL is allowed for upgrade purposes.
Table/Column Mapping:	tbl_PersonalContactPhone.SearchablePhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #_\.@,;:\+ \%\'?\'()\~*!&=\\$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (()), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.133. vw_PersonalContactPhoneNumber

A view of personal contact general information including their phone number.

Additional Information

For PA.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AltFirstName	nvarchar (64 characters)	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.	AltName
	AltLastName	nvarchar (64 characters)	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.	AltName
	ClientMatterCode	varchar (40 characters)	The client matter code to transmit to Call Manger when any of the phone numbers for this contact are dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.	ClientMatter-Code
	DialablePhoneNumber	varchar (255 characters)	Dialable version of the phone number, including any special codes for outside access if needed.	Dialable-PhoneNumber
	DirectoryId	lvarchar (2048 characters)	The identifier of this personal contact in a groupware package (for synchronization).	DirectoryId
	DisplayName	nvarchar (64 characters)	The unique text name of the personal contact to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	EmailAddress	lvarchar (320 characters)	The e-mail address (outbound) of the personal contact.	EmailAddress
	FirstName	nvarchar (64 characters)	The first name (i.e., givenName) of a personal contact. Not their surname nor middle name.	Name
	LastName	nvarchar (64 characters)	The last name (i.e., surname or family name) of a personal contact, by which a person is commonly known.	Name
	NickName	nvarchar (64 characters)	The name a user might give for a particular personal contact name that might be hard to pronounce or how they often refer to someone (i.e. Nicholas might be Nick).	Name
PK	PersonalContactObjectId	char (36 characters)	The unique identifier of the PersonalContact object to which this phone number belongs.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	PhoneNumber	varchar (255 characters)	The phone number.	PhoneNumber
PK	PhoneType	smallint (2 bytes)	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.	PhoneType
	SearchablePhoneNumber	varchar (255 characters)	Phone number without formatting or any dial codes. A basic form suitable for searching on.	PhoneNumber
	UserObjectId	char (36 characters)	The unique identifier of the User object to which this personal contact belongs.	ObjectID

Stored Procedures

vw_PersonalContactPhoneNumber has no stored procedures.

Column Properties

AltFirstName

Property Name	Value
Description:	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Notes:	Used to enable name lookup via the VUI client when the primary user firstname contains characters not supported by a speech recognition engine. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable the VUI to search for a user name, an alternate spelling of the user name in ASCII characters can be stored in the altfirstname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.AltFirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltLastName

Property Name	Value
Description:	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Notes:	Used to enable name lookup via the VUI client when the primary user lastname contains characters not supported by a speech recognition engine. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable the VUI to search for a user name, an alternate spelling of the user name in ASCII characters can be stored in the altlastname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.AltLastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when any of the phone numbers for this contact are dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.ClientMatterCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DialablePhoneNumber

Property Name	Value
Description:	Dialable version of the phone number, including any special codes for outside access if needed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContactPhone.DialablePhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DialablePhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digit, T, hash, *, or comma.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DirectoryId

Property Name	Value
Description:	The identifier of this personal contact in a groupware package (for synchronization).
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.DirectoryId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId

Property Name	Value
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of the personal contact to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	Users must be allowed to import duplicate contact names. Therefore, there is not a unique constraint on the DisplayName.
Business Rules:	Must allow personal contact to be created with blank DisplayName.
Developer Notes:	To allow import of personal contacts without DisplayName (Exchange does not require a DisplayName), the default value of DisplayName is set to empty string (blank). See CSCsh41143.
Table/Column Mapping:	tbl_PersonalContact.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmailAddress

Property Name	Value
Description:	The e-mail address (outbound) of the personal contact.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.EmailAddress
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	EmailAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of a personal contact. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.FirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of a personal contact, by which a person is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.LastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NickName

Property Name	Value
Description:	The name a user might give for a particular personal contact name that might be hard to pronounce or how they often refer to someone (i.e. Nicholas might be Nick).
Notes:	The nickname for a personal contact is recognized when doing speech enabled name dialing or the persons full name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.NickName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the PersonalContact object to which this phone number belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContactPhone.PersonalContactObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContactPhone.PhoneNumber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #[-_].@,,: + % '?"\(\)~ *!&= \$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (()), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.
Validation - Minimum Length:	1 characters

Property Name	Value
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneType

Property Name	Value
Description:	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.
Notes:	<p>Values:</p> <p>1: Primary work (business or office) telephone number. 10: Telephone number for assistant such as in an executive and executive assistant relationship. 11: Text Telephone (TTY) and/or Telecommunications Device for the Deaf (TDD) service for the hearing impaired. 14: First other (spare) telephone number. 15: Second other (spare) telephone number. 16: Third other (spare) telephone number. 17: Fourth other (spare) telephone number. 18: Fifth other (spare) telephone number. 19: Sixth other (spare) telephone number. 2: Secondary work (business or office) telephone number. 20: Seventh other (spare) telephone number. 21: Eighth other (spare) telephone number. 22: Ninth other (spare) telephone number. 23: Tenth other (spare) telephone number. 24: Eleventh other (spare) telephone number. 25: Twelveth other (spare) telephone number. 26: Thirteenth other (spare) telephone number. 27: Fourteenth other (spare) telephone number. 28: Fifteenth other (spare) telephone number. 29: Sixteenth other (spare) telephone number. 3: Primary home telephone number. 30: Seventeenth other (spare) telephone number. 31: Eighteenth other (spare) telephone number. 32: Nineteenth other (spare) telephone number. 33: Twentieth other (spare) telephone number. 4: Secondary home telephone number. 5: Primary mobile (cell) telephone number. 6: Secondary mobile (cell) telephone number. 7: Primary work (business or office) fax delivery telephone number. 8: Secondary work (business or office) fax delivery telephone number. 9: Home fax delivery telephone number.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContactPhone.PhoneType
Primary Key:	True
Allow Null:	False

Property Name	Value
Default Value:	3
Custom Type:	PhoneType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SearchablePhoneNumber

Property Name	Value
Description:	Phone number without formatting or any dial codes. A basic form suitable for searching on.
Notes:	If PhoneNumber is not specified, the stored procedures will generate SearchablePhoneNumber by stripping out spaces and the following formatting characters: -()#*+.,
Business Rules:	
Developer Notes:	NULL is allowed for upgrade purposes.
Table/Column Mapping:	tbl_PersonalContactPhone.SearchablePhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #_\.@,;:\+ \%\'?\'()\~*!&=\\$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this personal contact belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalContact.UserObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.134. vw_PersonalDestination

A simple view for tbl_PersonalDestination.

A personal device for any Cisco Unity Connection subscriber at which a subscriber can be reached after applying personal call routing rules. For example, a subscriber's home phone, cell phone or pager can be a personal destination.

Additional Information

These "one-off" destinations are used for subscriber personal call routing rules.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CallPickupTimeout	int (4 bytes)	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.	
	DetectTransferLoop	smallint (2 bytes)	A flag indicating whether Unity can do a loop detect transfer to this device.	Bool
	Name	nvarchar (64 characters)	The unique text name of the personal destination to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestination object.	ObjectID
	PhoneNumber	nvarchar (40 characters)	The phone number of the destination.	PhoneNumberE123
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this destination belongs.	ObjectID
	TransmitForcedAuthorizationCode	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should transmit a Forced Authorization Code (FAC) to Cisco Unified Communications Manager after this number is dialed during an outbound call.	Bool

Stored Procedures

Name	Description
csp_PersonalDestinationCreate	Creates a new PersonalDestination object for a user by inserting a new row into tbl_PersonalDestination.
csp_PersonalDestinationDelete	Deletes a PersonalDestination object from tbl_PersonalDestination as specified by the @ObjectId parameter.

Name	Description
csp_PersonalDestinationModify	Updates the attributes of a PersonalDestination object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalDestination object that is updated.

Column Properties

CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestination.CallPickupTimeout
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

DetectTransferLoop

Property Name	Value
Description:	A flag indicating whether Unity can do a loop detect transfer to this device.
Notes:	Values 0: Loop detect transfers to this device are NOTallowed 1: Loop detect transfers are allowed to this device
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestination.DetectTransferLoop

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Name

Property Name	Value
Description:	The unique text name of the personal destination to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Notes:	The text name of a personal destination must be unique for a subscriber.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestination.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestination object.

Property Name	Value
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestination.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number of the destination.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestination.PhoneNumber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this destination belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestination.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should transmit a Forced Authorization Code (FAC) to Cisco Unified Communications Manager after this number is dialed during an outbound call.
Notes:	<p>An FAC is used to restrict access to a dialed number; normally as added security to prevent toll fraud. When a FAC is required, users must enter an authorization code to reach the intended recipient of the call.</p> <p>Values: 0: Do not transmit FAC 1: Transmit FAC</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestination.TransmitForcedAuthorizationCode
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.135. vw_PersonalDestinationGroup

A simple view for tbl_PersonalDestinationGroup.

A group of personal destinations. Personal destinations can be grouped into one or more personal destination groups. A call can be routed to a personal destination group and thereby a call can be transferred to any of the destinations included in that group.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Name	nvarchar (64 characters)	The unique text name of the personal destination group to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroup object.	ObjectID
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this personal destination group belongs.	ObjectID

Stored Procedures

Name	Description
csp_PersonalDestinationGroupCreate	Creates a new PersonalDestinationGroup object for a user by inserting a new row into tbl_PersonalDestinationGroup.
csp_PersonalDestinationGroupDelete	Deletes a PersonalDestinationGroup object from tbl_PersonalDestinationGroup as specified by the @ObjectId parameter.
csp_PersonalDestinationGroupModify	Updates the attributes of a PersonalDestinationGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalDestinationGroup object that is updated.

Column Properties

Name

Property Name	Value
Description:	The unique text name of the personal destination group to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Notes:	The name must be unique for a subscriber.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroup.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this personal destination group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroup.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.136. vw_PersonalDestinationGroupItem

A simple view for tbl_PersonalDestinationGroupItem.

A destination that is a member of a PersonalDestinationGroup.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DestDtmfAccessIdObjectId	char (36 characters)	The destination for this personal rule. If the destination is a DtmfAccessId, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId. Otherwise, this attribute is set to NULL.	ObjectID
	DestNotificationDeviceObjectId	char (36 characters)	The destination for this personal rule. If the destination is a notification device, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice. Otherwise, this attribute is set to NULL.	ObjectID
	DestPersonalDestinationObjectId	char (36 characters)	The destination for this personal rule. If the destination is another personal destination object, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination. Otherwise, this attribute is set to NULL.	ObjectID
	DestPhoneNumberObjectId	char (36 characters)	The destination for this personal rule. If the destination is a phone number, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber. Otherwise, this attribute is set to NULL.	ObjectID
	ItemIndex	smallint (2 bytes)	The order in which the destinations in a group will be used. The order is from the lowest number to the highest.	
PK	ObjectId	char (36 characters)	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.	ObjectID
	PersonalDestinationGroupObjectId	char (36 characters)	The unique identifier of the PersonalDestinationGroup to which this member belongs.	ObjectID

Stored Procedures

Name	Description
csp_PersonalDestinationGroupItemCreate	Creates a new PersonalDestinationGroupItem object by inserting a new row into tbl_PersonalDestinationGroupItem.
csp_PersonalDestinationGroupItemDelete	Deletes a PersonalDestinationGroupItem object from tbl_PersonalDestinationGroupItem as specified by the @ObjectId parameter.
csp_PersonalDestinationGroupItemModify	Updates the attributes of a PersonalDestinationGroupItem object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalDestinationGroupItem object that is updated.

Column Properties

DestDtmfAccessIdObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a DtmfAccessId, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.DestDtmfAccessIdObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestNotificationDeviceObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a notification device, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.DestNotificationDeviceObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPersonalDestinationObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is another personal destination object, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.DestPersonalDestinationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPhoneNumberObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a phone number, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.DestPhoneNumberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ItemIndex

Property Name	Value
Description:	The order in which the destinations in a group will be used. The order is from the lowest number to the highest.
Notes:	
Business Rules:	
Developer Notes:	No default value - required parameter.
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.ItemIndex
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalDestinationGroupObjectId

Property Name	Value
Description:	The unique identifier of the PersonalDestinationGroup to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.PersonalDestinationGroupObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.137. vw_PersonalDestinationGroupItemDetail

A view for tbl_PersonalDestinationGroupItem plus some columns from tbl_PersonalDestinationGroup.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CallPickupTimeout	int (4 bytes)	The amount of time (in seconds) Cisco Unity Connection will wait for a subscriber destination to ring before the call is forwarded to the next destination in the destination group.	
	DestDtmfAccessIdObjectId	char (36 characters)	The destination for this personal rule. If the destination is a DtmfAccessId, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId. Otherwise, this attribute is set to NULL.	ObjectID
	DestNotificationDeviceObjectId	char (36 characters)	The destination for this personal rule. If the destination is a notification device, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice. Otherwise, this attribute is set to NULL.	ObjectID
	DestPersonalDestinationObjectId	char (36 characters)	The destination for this personal rule. If the destination is another personal destination object, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination. Otherwise, this attribute is set to NULL.	ObjectID
	DestPhoneNumberObjectId	char (36 characters)	The destination for this personal rule. If the destination is a phone number, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber. Otherwise, this attribute is set to NULL.	ObjectID
	DisplayName	nvarchar (64 characters)	The name of the destination device.	DisplayName
	ItemIndex	smallint (2 bytes)	The order in which the destinations in a group will be used. The order is from the lowest number to the highest.	
PK	ObjectId	char (36 characters)	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	PersonalDestination-GroupName	nvarchar (64 characters)	The unique text name of the personal destination group to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.	DisplayName
	PersonalDestination-GroupObjectId	char (36 characters)	The unique identifier of the PersonalDestinationGroup to which this member belongs.	ObjectID
	PhoneNumber	varchar (255 characters)	The phone number of the destination device.	PhoneNumber
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this personal destination group belongs.	ObjectID

Stored Procedures

vw_PersonalDestinationGroupItemDetail has no stored procedures.

Column Properties

CallPickupTimeout

Property Name	Value
Description:	The amount of time (in seconds) Cisco Unity Connection will wait for a subscriber destination to ring before the call is forwarded to the next destination in the destination group.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DestDtmfAccessIdObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a DtmfAccessId, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.DestDtmfAccessIdObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestNotificationDeviceObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a notification device, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.DestNotificationDeviceObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPersonalDestinationObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is another personal destination object, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.DestPersonalDestinationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPhoneNumberObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a phone number, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber. Otherwise, this attribute is set to NULL.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal destination group member must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.DestPhoneNumberObjectId

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The name of the destination device.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ItemIndex

Property Name	Value
Description:	The order in which the destinations in a group will be used. The order is from the lowest number to the highest.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	No default value - required parameter.
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.ItemIndex
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalDestinationGroupName

Property Name	Value
Description:	The unique text name of the personal destination group to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Notes:	The name must be unique for a subscriber.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroup.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalDestinationGroupObjectId

Property Name	Value
Description:	The unique identifier of the PersonalDestinationGroup to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroupItem.PersonalDestinationGroupId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	The phone number of the destination device.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #_\.\@,;\+ \% \? \(\) ~*!\&=\\$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this personal destination group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalDestinationGroup.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.138. vw_PersonalGroup

A view of tbl_PersonalGroup.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	DisplayName	nvarchar (64 characters)	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfName	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the group name. These digits would need to be dialed to address a message to this group via the phone.	DtmfName
	IsVoiceMailList	smallint (2 bytes)	A flag indicating whether this a voice mail distribution list.	Bool
	NumericId	nvarchar (4 characters)	NumericId, used for PDLs	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.	ObjectID
	UserObjectId	char (36 characters)	The unique identifier of the User object to which this group belongs.	ObjectID
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_PersonalGroupCreate	Creates a new PersonalGroup object for a user by inserting a new row into tbl_PersonalGroup. A PersonalGroup can contain users, personal contacts, other personal groups, and even distribution lists. To create a "personal voicemail list," use csp_PersonalVoiceMailListCreate.
csp_PersonalGroupDelete	Deletes a PersonalGroup object from tbl_PersonalGroup as specified by the @ObjectId parameter.

Name	Description
csp_PersonalGroupModify	Updates the attributes of a PersonalGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	The displayname must be unique within a type (CallerGroup and PersonalVoiceMailList) for a given subscriber.
Table/Column Mapping:	tbl_PersonalGroup.DisplayName

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfName

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the group name. These digits would need to be dialed to address a message to this group via the phone.
Notes:	
Business Rules:	When the display name of a group is changed in this table, the value of the DtmfName column is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroup.DtmfName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsVoiceMailList

Property Name	Value
Description:	A flag indicating whether this a voice mail distribution list.
Notes:	Voice mail distribution lists are restricted to addressable entities to avoid or reduce NDR problems. Values: 0: This personal group is not a voice mail distribution list. 1: This personal group is a voice mail distribution list.
Business Rules:	
Developer Notes:	This flag also determines where in the UI this list is managed, since PersonalGroups are used without this for setting up caller rules, it allows the UI to present a simplified list of voice mail distribution lists for a subscriber.
Table/Column Mapping:	tbl_PersonalGroup.IsVoiceMailList
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NumericId

Property Name	Value
Description:	NumericId, used for PDLs
Notes:	From conversations, the "personal voicemail lists" are referenced by number, so this is essentially an index.
Business Rules:	
Developer Notes:	NULL is allowed so this can also be used as a caller group (not personal voicemail list).
Table/Column Mapping:	tbl_PersonalGroup.NumericId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (4 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits only.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	4 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroup.UserObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.139. vw_PersonalGroupMember

A simple view for tbl_PersonalGroupMember.

A member of a personal group. A member can be a user, personal contact, distribution list, or another personal group.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	MemberContactObjectId	char (36 characters)	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.	ObjectID
	MemberDistributionListObjectId	char (36 characters)	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set ot NULL.	ObjectID
	MemberPersonalContactObjectId	char (36 characters)	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set ot NULL.	ObjectID
	MemberPersonalGroupObjectId	char (36 characters)	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set ot NULL.	ObjectID
	MemberUserObjectId	char (36 characters)	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set ot NULL.	ObjectID
PK	ObjectId	char (36 characters)	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.	ObjectID
	PersonalGroupObjectId	char (36 characters)	The unique identifier of the PersonalGroup object to which this member belongs.	ObjectID

Stored Procedures

Name	Description
csp_PersonalGroupMemberCreate	Adds a new member (user, personal contact, distribution list, or another personal group) by inserting a new row into tbl_PersonalGroupMember.
csp_PersonalGroupMemberDelete	Deletes a PersonalGroupMember object from tbl_PersonalGroupMember as specified by the @ObjectId parameter.

Column Properties

MemberContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberDistributionListObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberDistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberPersonalContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberPersonalContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberPersonalGroupObjectId

Property Name	Value
Description:	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberPersonalGroupObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberUserObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberUserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalGroupObjectId

Property Name	Value
Description:	The unique identifier of the PersonalGroup object to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.PersonalGroupObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.140. vw_PersonalGroupMemberDetail

A view for tbl_PersonalGroupMember and associated Alias.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	MemberContactObjectId	char (36 characters)	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set to NULL.	ObjectID
	MemberDistributionListObjectId	char (36 characters)	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set to NULL.	ObjectID
	MemberObjectType	smallint (2 bytes)	Object type of member	ObjectType
	MemberPersonalContactObjectId	char (36 characters)	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set to NULL.	ObjectID
	MemberPersonalGroupObjectId	char (36 characters)	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.	ObjectID
	MemberUserObjectId	char (36 characters)	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set to NULL.	ObjectID
PK	ObjectId	char (36 characters)	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.	ObjectID
	PersonalGroupAlias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	PersonalGroupDisplayName	nvarchar (64 characters)	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	PersonalGroupObjectId	char (36 characters)	The unique identifier of the PersonalGroup object to which this member belongs.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	UserObjectId	char (36 characters)	The unique identifier of the User object to which this group belongs.	ObjectID

Stored Procedures

vw_PersonalGroupMemberDetail has no stored procedures.

Column Properties

MemberContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberDistributionListObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set ot NULL.

Property Name	Value
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberDistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberObjectType

Property Name	Value
Description:	Object type of member
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberPersonalContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberPersonalContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberPersonalGroupObjectId

Property Name	Value
Description:	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberPersonalGroupObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberUserObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberUserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalGroupAlias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalGroupDisplayName

Property Name	Value
Description:	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	The displayname must be unique within a type (CallerGroup and PersonalVoiceMailList) for a given subscriber.
Table/Column Mapping:	tbl_PersonalGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalGroupObjectId

Property Name	Value
Description:	The unique identifier of the PersonalGroup object to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.PersonalGroupId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroup.UserObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.141. vw_PersonalRule

A simple view for tbl_PersonalRule.

A call routing rule this is applied for a subscriber after Cisco Unity Connection answers the call. Commonly referred to as the "personal call routing rules" feature.

Additional Information

A PersonalRule works by using ANI or CallerID to help identify the incoming caller, and then based on who is calling the rule may specify what to do with the call. The rule specifies a series of phone numbers or devices to try in order using what is called a destination. This destination may be one of several things: the subscriber's extension, an existing NotificationDevice for the subscriber (so that we can take advantage of a Subscriber's pager or SMS device), another subscriber, one of a subscriber's phone numbers (as defined here: PhoneNumber), or a one-off phone number (PersonalDestination).

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AlwaysTriggerPage	smallint (2 bytes)	A flag indicating whether the rule should always trigger a pager notification device associated with this rule.	Bool
	ClientMatterCode	varchar (40 characters)	The client matter code (CMC) to transmit to Cisco Unified Communications Manager when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign accounting or billing codes to the call.	ClientMatter-Code
	DestCallActionObjectId	char (36 characters)	The unique identifier of the CallAction object used to route the call.	ObjectID
	DestDtmfAccessId-ObjectId	char (36 characters)	The destination (DtmfAccessId) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId.	ObjectID
	DestNotificationDeviceObjectId	char (36 characters)	The destination (NotificationDevice) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice.	ObjectID
	DestPersonalDestination-GroupObjectId	char (36 characters)	The destination (PersonalDestinationGroup) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestinationGroup object in tbl_PersonalDestinationGroup.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	DestPersonalDestinationObjectId	char (36 characters)	The destination (PersonalDestination) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination.	ObjectID
	DestPhoneNumberObjectId	char (36 characters)	The destination (PhoneNumber) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber.	ObjectID
	InMeeting	smallint (2 bytes)	A flag indicating whether the rule is triggered depending on whether the subscriber is in a meeting or not.	RuleMeeting-Condition
	IsInclusive	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should AND or OR the different types of rules defined in tbl_PersonalRuleCaller for a subscriber.	RuleCallerInclusiveCondition
	IsInternal	smallint (2 bytes)	A flag indicating whether the rule should trigger based on whether the caller is internal or external.	RuleCallerInternalCondition
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.	ObjectID
	PersonalRuleSetObjectId	char (36 characters)	The unique identifier of the PersonalRuleSet object to which this personal rule belongs.	ObjectID
	RingAllDestinationsAtOnce	smallint (2 bytes)	A flag indicating whether all rule destinations should be dialed simultaneously or sequentially.	Bool
	RuleIndex	smallint (2 bytes)	The order in which rules within a rule set are executed.	
	ScreenCall	smallint (2 bytes)	A flag indicating whether the incoming call should be screened.	Bool
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this rule belongs.	ObjectID
	TimeRangeEnd	int (4 bytes)	The end time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.	
	TimeRangeIndicatesActiveHours	int (4 bytes)	The definition for how a time range should be utilized.	PersonalRule-TimeRange-Type
	TimeRangeStart	int (4 bytes)	The start time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.	

Stored Procedures

Name	Description
csp_PersonalRuleCreate	Creates a new PersonalRule object for a subscriber by inserting a new row into tbl_PersonalRule.
csp_PersonalRuleDelete	Deletes a PersonalRule object from tbl_PersonalRule as specified by the @ObjectId parameter.
csp_PersonalRuleModify	Updates the attributes of a PersonalRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalRule object that is updated.

Column Properties

AlwaysTriggerPage

Property Name	Value
Description:	A flag indicating whether the rule should always trigger a pager notification device associated with this rule.
Notes:	Values: 0: Do not trigger a pager notification device 1: Trigger a pager notification device
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.AlwaysTriggerPage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The client matter code (CMC) to transmit to Cisco Unified Communications Manager when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign accounting or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.ClientMatterCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object used to route the call.
Notes:	This is normally used to route to voice mail using a system level call action object. Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestCallActionObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

DestDtmfAccessIdObjectId

Property Name	Value
Description:	The destination (DtmfAccessId) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestDtmfAccessIdObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestNotificationDeviceObjectId

Property Name	Value
Description:	The destination (NotificationDevice) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestNotificationDeviceObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPersonalDestinationGroupObjectID

Property Name	Value
Description:	The destination (PersonalDestinationGroup) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestinationGroup object in tbl_PersonalDestinationGroup.
Notes:	Only one Dest*ObjectID column should contain a non-null value. All other Dest*ObjectID columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestPersonalDestinationGroupObjectID
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPersonalDestinationObjectID

Property Name	Value
Description:	The destination (PersonalDestination) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination.

Property Name	Value
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestPersonalDestinationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPhoneNumberObjectId

Property Name	Value
Description:	The destination (PhoneNumber) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestPhoneNumberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

InMeeting

Property Name	Value
Description:	A flag indicating whether the rule is triggered depending on whether the subscriber is in a meeting or not.
Notes:	Values: 0: Not set - meeting condition is not applicable. 1: Not in meeting. 2: In meeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.InMeeting
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RuleMeetingCondition
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsInclusive

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should AND or OR the different types of rules defined in tbl_PersonalRuleCaller for a subscriber.
Notes:	Values: 0: Caller condition not inclusive 1: Inclusive only from caller. 2: Inclusive only when not from caller.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.IsInclusive
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RuleCallerInclusiveCondition
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsInternal

Property Name	Value
Description:	A flag indicating whether the rule should trigger based on whether the caller is internal or external.
Notes:	Values: 0: Not set - caller condition is not applicable. 1: Internal condition. 2: External condition.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.IsInternal
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RuleCallerInternalCondition
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.ObjectId

Property Name	Value
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalRuleSetObjectId

Property Name	Value
Description:	The unique identifier of the PersonalRuleSet object to which this personal rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.PersonalRuleSetObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RingAllDestinationsAtOnce

Property Name	Value
Description:	A flag indicating whether all rule destinations should be dialed simultaneously or sequentially.

Property Name	Value
Notes:	Values: 0: Ring destinations in sequential order 1: Ring all destinations at once
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.RingAllDestinationsAtOnce
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RuleIndex

Property Name	Value
Description:	The order in which rules within a rule set are executed.
Notes:	The lowest value is the highest priority - a value of 0 is the highest possible priority.
Business Rules:	* The lowest value is the highest priority. * A RuleIndex must be unique for all rules within a personal rule set.
Developer Notes:	No default value - required parameter.
Table/Column Mapping:	tbl_PersonalRule.RuleIndex
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ScreenCall

Property Name	Value
Description:	A flag indicating whether the incoming call should be screened.
Notes:	Values: 0: Do not screen the incoming call 1: Call screening shall be performed on the incoming call
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.ScreenCall
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

TimeRangeEnd

Property Name	Value
Description:	The end time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.
Notes:	The value of TimeRange{Start End} is a number from 0 to 2359 representing hours (hundreds) and minutes (0-59) of the hour. For example, 2:23pm is represented by 1423 and is the summation of the 0-24 hours in hundred (2pm == 1400) and the number of minutes in the hour (23).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.TimeRangeEnd
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeRangeIndicatesActiveHours

Property Name	Value
Description:	The definition for how a time range should be utilized.
Notes:	Values: 0: Not included - time range not included. 1: Between - time range between which rule is active. 2: Not between - time range not between which rule is active
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.TimeRangeIndicatesActiveHours
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	PersonalRuleTimeRangeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeRangeStart

Property Name	Value
Description:	The start time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.
Notes:	The value of TimeRange{Start End} is a number from 0 to 2359 representing hours (hundreds) and minutes (0-59) of the hour. For example, 2:23pm is represented by 1423 and is the summation of the 0-24 hours in hundred (2pm == 1400) and the number of minutes in the hour (23).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.TimeRangeStart
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.142. vw_PersonalRuleCaller

A simple view for tbl_PersonalRuleCaller.

A personal rule caller is a caller that drives a personal rule. A caller can be a phone number (CallerANI), a contact, a personal contact, a personal group or user.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CallerANI	nvarchar (40 characters)	The phone number of the caller (i.e., Caller ID) for callers that don't already exist elsewhere in the Cisco Unity Connection database.	
	CallerContactObjectId	char (36 characters)	The unique identifier of a Contact object.	ObjectID
	CallerPersonalContactObjectId	char (36 characters)	The unique identifier of the a PersonalContact object.	ObjectID
	CallerPersonalGroupObjectId	char (36 characters)	The unique identifier of a PersonalGroup object	ObjectID
	CallerUserObjectId	char (36 characters)	The unique identifier of a User object.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleCaller object.	ObjectID
	PersonalRuleObjectId	char (36 characters)	The unique identifier of the PersonalRule object associated with this caller.	ObjectID
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this personal rule caller belongs.	ObjectID

Stored Procedures

Name	Description
csp_PersonalRuleCallerCreate	Creates a new PersonalRuleCaller object for a subscriber by inserting a new row into tbl_PersonalRuleCaller.
csp_PersonalRuleCallerDelete	Deletes a PersonalRuleCaller object from tbl_PersonalRuleCaller as specified by the @ObjectId parameter.
csp_PersonalRuleCallerModify	Updates the CallerANI property of a PersonalRuleCaller object based on the value passed in via the parameters. The @ObjectId parameter identifies the PersonalRuleCaller object that is updated.

Column Properties

CallerANI

Property Name	Value
Description:	The phone number of the caller (i.e., Caller ID) for callers that don't already exist elsewhere in the Cisco Unity Connection database.
Notes:	The CallerANI column in tbl_PersonalRuleCaller is actually a "pattern", and must allow wildcards. Currently the PRD calls for the asterisk (*) and single-digit (x or X). The rules engine will support the range wildcard. Ex: [14-6] stands for one occurrence of 1, 4, 5, or 6.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleCaller.CallerANI
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@*\#[\]\(\)]*\$
Validation - Description:	Alphanumeric or one of these: -_.*#[\]\(\),()
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallerContactObjectId

Property Name	Value
Description:	The unique identifier of a Contact object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleCaller.CallerContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallerPersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the a PersonalContact object.
Notes:	
Business Rules:	The personal contact must belong to the subscriber.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleCaller.CallerPersonalContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallerPersonalGroupObjectId

Property Name	Value
Description:	The unique identifier of a PersonalGroup object
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleCaller.CallerPersonalGroupObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallerUserObjectId

Property Name	Value
Description:	The unique identifier of a User object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleCaller.CallerUserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleCaller object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleCaller.ObjectId
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalRuleObjectID

Property Name	Value
Description:	The unique identifier of the PersonalRule object associated with this caller.
Notes:	
Business Rules:	The rule must belong to the subscriber.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleCaller.PersonalRuleObjectID
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectID

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this personal rule caller belongs.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleCaller.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.143. vw_PersonalRuleDetail

A view for tbl_PersonalRule with a few columns from tbl_PersonalRuleSet.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AlwaysTriggerPage	smallint (2 bytes)	A flag indicating whether the rule should always trigger a pager notification device associated with this rule.	Bool
	ClientMatterCode	varchar (40 characters)	The client matter code (CMC) to transmit to Cisco Unified Communications Manager when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign accounting or billing codes to the call.	ClientMatter-Code
	DestCallActionObjectId	char (36 characters)	The unique identifier of the CallAction object used to route the call.	ObjectID
	DestDtmfAccessIdObjectId	char (36 characters)	The destination (DtmfAccessId) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId.	ObjectID
	DestNotificationDeviceObjectId	char (36 characters)	The destination (NotificationDevice) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice.	ObjectID
	DestPersonalDestinationGroupObjectId	char (36 characters)	The destination (PersonalDestinationGroup) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestinationGroup object in tbl_PersonalDestinationGroup.	ObjectID
	DestPersonalDestinationObjectId	char (36 characters)	The destination (PersonalDestination) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	DestPhoneNumberObjectId	char (36 characters)	The destination (PhoneNumber) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber.	ObjectID
	InMeeting	smallint (2 bytes)	A flag indicating whether the rule is triggered depending on whether the subscriber is in a meeting or not.	RuleMeeting-Condition
	IsEnabled	smallint (2 bytes)	A flag indicating whether this rule set is enabled.	Bool
	IsInclusive	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should AND or OR the different types of rules defined in tbl_PersonalRuleCaller for a subscriber.	RuleCallerInclusiveCondition
	IsInternal	smallint (2 bytes)	A flag indicating whether the rule should trigger based on whether the caller is internal or external.	RuleCallerInternalCondition
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.	ObjectID
	PersonalRuleSetName	nvarchar (64 characters)	The unique text name of the personal rule set to be used when displaying entries in Cisco Personal Communications Assistant.	DisplayName
	PersonalRuleSetObjectId	char (36 characters)	The unique identifier of the PersonalRuleSet object to which this personal rule belongs.	ObjectID
	RingAllDestinationsAtOnce	smallint (2 bytes)	A flag indicating whether all rule destinations should be dialed simultaneously or sequentially.	Bool
	RuleIndex	smallint (2 bytes)	The order in which rules within a rule set are executed.	
	ScheduleSetObjectId	char (36 characters)	The unique identifier of the ScheduleSet object that indicates the operational hours for this rule set. (If the personal rule set is operational for a particular time period.)	ObjectID
	ScreenCall	smallint (2 bytes)	A flag indicating whether the incoming call should be screened.	Bool
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this rule belongs.	ObjectID
	TimeRangeEnd	int (4 bytes)	The end time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.	
	TimeRangeIndicatesActiveHours	int (4 bytes)	The definition for how a time range should be utilized.	PersonalRule-TimeRange-Type
	TimeRangeStart	int (4 bytes)	The start time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.	

Stored Procedures

Name	Description
csp_PersonalRuleCreate	Creates a new PersonalRule object for a subscriber by inserting a new row into tbl_PersonalRule.
csp_PersonalRuleDelete	Deletes a PersonalRule object from tbl_PersonalRule as specified by the @ObjectId parameter.
csp_PersonalRuleModify	Updates the attributes of a PersonalRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalRule object that is updated.

Column Properties

AlwaysTriggerPage

Property Name	Value
Description:	A flag indicating whether the rule should always trigger a pager notification device associated with this rule.
Notes:	Values: 0: Do not trigger a pager notification device 1: Trigger a pager notification device
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.AlwaysTriggerPage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The client matter code (CMC) to transmit to Cisco Unified Communications Manager when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign accounting or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.ClientMatterCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object used to route the call.
Notes:	This is normally used to route to voice mail using a system level call action object. Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestCallActionObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

DestDtmfAccessIdObjectId

Property Name	Value
Description:	The destination (DtmfAccessId) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestDtmfAccessIdObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestNotificationDeviceObjectId

Property Name	Value
Description:	The destination (NotificationDevice) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestNotificationDeviceObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPersonalDestinationGroupObjectID

Property Name	Value
Description:	The destination (PersonalDestinationGroup) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestinationGroup object in tbl_PersonalDestinationGroup.
Notes:	Only one Dest*ObjectID column should contain a non-null value. All other Dest*ObjectID columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestPersonalDestinationGroupObjectID
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPersonalDestinationObjectID

Property Name	Value
Description:	The destination (PersonalDestination) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination.

Property Name	Value
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestPersonalDestinationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DestPhoneNumberObjectId

Property Name	Value
Description:	The destination (PhoneNumber) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber.
Notes:	Only one Dest*ObjectId column should contain a non-null value. All other Dest*ObjectId columns should contain NULL.
Business Rules:	A personal rule must have a destination and can have only one destination.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.DestPhoneNumberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

InMeeting

Property Name	Value
Description:	A flag indicating whether the rule is triggered depending on whether the subscriber is in a meeting or not.
Notes:	Values: 0: Not set - meeting condition is not applicable. 1: Not in meeting. 2: In meeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.InMeeting
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RuleMeetingCondition
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsEnabled

Property Name	Value
Description:	A flag indicating whether this rule set is enabled.
Notes:	By default, all rule sets are enabled.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleSet.IsEnabled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

IsInclusive

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should AND or OR the different types of rules defined in tbl_PersonalRuleCaller for a subscriber.
Notes:	Values: 0: Caller condition not inclusive 1: Inclusive only from caller. 2: Inclusive only when not from caller.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.IsInclusive
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RuleCallerInclusiveCondition
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsInternal

Property Name	Value
Description:	A flag indicating whether the rule should trigger based on whether the caller is internal or external.
Notes:	Values: 0: Not set - caller condition is not applicable. 1: Internal condition. 2: External condition.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.IsInternal
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	RuleCallerInternalCondition
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalRuleSetName

Property Name	Value
Description:	The unique text name of the personal rule set to be used when displaying entries in Cisco Personal Communications Assistant.
Notes:	The name of a personal rule set must be unique for a subscriber.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleSet.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalRuleSetObjectId

Property Name	Value
Description:	The unique identifier of the PersonalRuleSet object to which this personal rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.PersonalRuleSetObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RingAllDestinationsAtOnce

Property Name	Value
Description:	A flag indicating whether all rule destinations should be dialed simultaneously or sequentially.
Notes:	Values: 0: Ring destinations in sequential order 1: Ring all destinations at once
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.RingAllDestinationsAtOnce
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RuleIndex

Property Name	Value
Description:	The order in which rules within a rule set are executed.
Notes:	The lowest value is the highest priority - a value of 0 is the highest possible priority.
Business Rules:	* The lowest value is the highest priority. * A RuleIndex must be unique for all rules within a personal rule set.
Developer Notes:	No default value - required parameter.
Table/Column Mapping:	tbl_PersonalRule.RuleIndex
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object that indicates the operational hours for this rule set. (If the personal rule set is operational for a particular time period.)
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleSet.ScheduleSetObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScreenCall

Property Name	Value
Description:	A flag indicating whether the incoming call should be screened.
Notes:	Values: 0: Do not screen the incoming call 1: Call screening shall be performed on the incoming call
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.ScreenCall
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeRangeEnd

Property Name	Value
Description:	The end time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.
Notes:	The value of TimeRange{Start End} is a number from 0 to 2359 representing hours (hundreds) and minutes (0-59) of the hour. For example, 2:23pm is represented by 1423 and is the summation of the 0-24 hours in hundred (2pm == 1400) and the number of minutes in the hour (23).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.TimeRangeEnd
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeRangeIndicatesActiveHours

Property Name	Value
Description:	The definition for how a time range should be utilized.
Notes:	Values: 0: Not included - time range not included. 1: Between - time range between which rule is active. 2: Not between - time range not between which rule is active
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.TimeRangeIndicatesActiveHours
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	PersonalRuleTimeRangeType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeRangeStart

Property Name	Value
Description:	The start time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.

Property Name	Value
Notes:	The value of TimeRange{Start End} is a number from 0 to 2359 representing hours (hundreds) and minutes (0-59) of the hour. For example, 2:23pm is represented by 1423 and is the summation of the 0-24 hours in hundred (2pm == 1400) and the number of minutes in the hour (23).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRule.TimeRangeStart
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.144. vw_PersonalRuleSet

A simple view for tbl_PersonalRuleSet.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	IsEnabled	smallint (2 bytes)	A flag indicating whether this rule set is enabled.	Bool
	Name	nvarchar (64 characters)	The unique text name of the personal rule set to be used when displaying entries in Cisco Personal Communications Assistant.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleSet object.	ObjectID
	ScheduleSetObjectId	char (36 characters)	The unique identifier of the ScheduleSet object that indicates the operational hours for this rule set. (If the personal rule set is operational for a particular time period.)	ObjectID
	SubscriberObjectId	char (36 characters)	The unique identifier of the Subscriber object to which this rule set belongs.	ObjectID
	VoiceName	varchar (40 characters)	Voice name (stream file) for personal rule set.	FileNameGuid

Stored Procedures

Name	Description
csp_PersonalRuleSetCreate	Creates a new PersonalRuleSet object for a subscriber by inserting a new row into tbl_PersonalRuleSet.
csp_PersonalRuleSetDelete	Deletes a PersonalRuleSet object from tbl_PersonalRuleSet as specified by the @ObjectId parameter.
csp_PersonalRuleSetModify	Updates the attributes of a PersonalRuleSet object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalRuleSet object that is updated.

Column Properties

IsEnabled

Property Name	Value
Description:	A flag indicating whether this rule set is enabled.
Notes:	By default, all rule sets are enabled.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleSet.IsEnabled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Name

Property Name	Value
Description:	The unique text name of the personal rule set to be used when displaying entries in Cisco Personal Communications Assistant.
Notes:	The name of a personal rule set must be unique for a subscriber.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleSet.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleSet object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleSet.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object that indicates the operational hours for this rule set. (If the personal rule set is operational for a particular time period.)
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleSet.ScheduleSetObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this rule set belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalRuleSet.SubscriberObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	Voice name (stream file) for personal rule set.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.145. vw_PersonalVoiceMailList

A view of tbl_PersonalGroup that is flagged as a personal voice mail list. In the UI this is referred to as a "Private List." Similar to Private Distribution Lists in Unity 4.0(x), this type of group contains only addressable entities such as other Unity Connection subscribers or contacts.

Additional Information

The Personal Voicemail List (PVL) will only allow Cisco Unity Connection subscribers to be added, and is available through the TUI and CPCA for sending messages.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	DisplayName	nvarchar (64 characters)	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfName	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the group name. These digits would need to be dialed to address a message to this group via the phone.	DtmfName
	NumericId	nvarchar (4 characters)	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group,	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.	ObjectID
	UserObjectId	char (36 characters)	The unique identifier of the User object to which this group belongs.	ObjectID
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_PersonalVoiceMailListCreate	Creates a new personal voicemail list for a user by inserting a new row into tbl_PersonalGroup. A "personal voicemail list" is a personal group that contains only Cisco Unity Connection subscribers ("IsVoiceMailList" == 1). It is used for addressing messages, either via the TUI or CPCA.

Name	Description
csp_PersonalVoiceMailListDelete	Deletes a PersonalGroup object from tbl_PersonalGroup as specified by the @ObjectId parameter.
csp_PersonalVoiceMailListModify	Updates the attributes of a personal voicemail list (PersonalGroup object) based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	The displayname must be unique within a type (CallerGroup and PersonalVoiceMailList) for a given subscriber.
Table/Column Mapping:	tbl_PersonalGroup.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfName

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the group name. These digits would need to be dialed to address a message to this group via the phone.
Notes:	
Business Rules:	When the display name of a group is changed in this table, the value of the DtmfName column is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroup.DtmfName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NumericId

Property Name	Value
Description:	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group,
Notes:	From conversations, the "personal voicemail lists" are referenced by number, so this is essentially an index.
Business Rules:	
Developer Notes:	NULL is allowed so this can also be used as a caller group (not personal voicemail list).
Table/Column Mapping:	tbl_PersonalGroup.NumericId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (4 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Digits only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	4 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroup.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroup.UserId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.146. vw_PersonalVoiceMailListMember

Contains the members of a personal voicemail list. Members can be either a subscriber, a system distribution list or another personal voicemail list.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	MemberContactObjectId	char (36 characters)	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set to NULL.	ObjectID
	MemberDistributionListObjectId	char (36 characters)	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set to NULL.	ObjectID
	MemberPersonalVoiceMailListObjectId	char (36 characters)	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.	ObjectID
	MemberSubscriberObjectId	char (36 characters)	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set to NULL.	ObjectID
PK	ObjectId	char (36 characters)	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.	ObjectID
	PersonalVoiceMailListObjectId	char (36 characters)	The unique identifier of the PersonalGroup object to which this member belongs.	ObjectID

Stored Procedures

Name	Description
csp_PersonalVoiceMailListMemberCreate	Adds a member (subscriber, distribution list, or another personal voicemail list) to a personal voicemail list by inserting a new row into tbl_PersonalGroupMember.
csp_PersonalVoiceMailListMemberDelete	Deletes a personal voicemail list member (PersonalGroupMember object) specified by the @ObjectId parameter from tbl_PersonalGroupMember.

Column Properties

MemberContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberDistributionListObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberDistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberPersonalVoiceMailListObjectId

Property Name	Value
Description:	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberPersonalGroupObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberSubscriberObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberUserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalVoiceMailListObjectId

Property Name	Value
Description:	The unique identifier of the PersonalGroup object to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.PersonalGroupObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.147. vw_PersonalVoiceMailListMemberDisplay

A list of personal voice mail list members including the display name of the member.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The display name of the member.	DisplayName
	MemberContactObjectId	char (36 characters)	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.	ObjectID
	MemberDistributionListObjectId	char (36 characters)	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set ot NULL.	ObjectID
	MemberPersonalVoiceMailListObjectId	char (36 characters)	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set ot NULL.	ObjectID
	MemberSubscriberObjectId	char (36 characters)	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set ot NULL.	ObjectID
PK	ObjectId	char (36 characters)	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.	ObjectID
	PersonalVoiceMailListObjectId	char (36 characters)	The unique identifier of the PersonalGroup object to which this member belongs.	ObjectID

Stored Procedures

Name	Description
csp_PersonalVoiceMailListMemberCreate	Adds a member (subscriber, distribution list, or another personal voicemail list) to a personal voicemail list by inserting a new row into tbl_PersonalGroupMember.
csp_PersonalVoiceMailListMemberDelete	Deletes a personal voicemail list member (PersonalGroupMember object) specified by the @ObjectId parameter from tbl_PersonalGroupMember.

Column Properties

DisplayName

Property Name	Value
Description:	The display name of the member.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberDistributionListObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberDistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberPersonalVoiceMailListObjectId

Property Name	Value
Description:	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_PersonalGroupMember.MemberPersonalGroupObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberSubscriberObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set ot NULL.
Notes:	Only one Member*ObjectId column should contain a non-null value. All other Member*ObjectId columns should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.MemberUserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PersonalVoiceMailListObjectId

Property Name	Value
Description:	The unique identifier of the PersonalGroup object to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PersonalGroupMember.PersonalGroupObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.148. vw_PhoneNumber

A simple view for tbl_PhoneNumber.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AutoLogon	smallint (2 bytes)	A flag indicating whether the phone number can be used for automatically logging on the caller.	Bool
	CallPickupTimeout	smallint (2 bytes)	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.	
	ClientMatterCode	varchar (40 characters)	The client matter code to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.	ClientMatter-Code
	DialablePhoneNumber	varchar (255 characters)	A dialable version of the PhoneNumber column.	Dialable-PhoneNumber
	DisplayName	nvarchar (64 characters)	The preferred text name of the phone number to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PhoneNumber object.	ObjectID
	Owner_ContactObjectId	char (36 characters)	The object to which this phone number belongs. If the phone number belongs to a Contact, the unique identifier of the Contact object to which this phone number belongs. Otherwise, this attribute is set to NULL.	ObjectID
	Owner_UserObjectId	char (36 characters)	The object to which this phone number belongs. If the phone number belongs to a User, the unique identifier of the User object to which this phone number belongs. Otherwise, this attribute is set to NULL.	ObjectID
	PhoneNumber	varchar (255 characters)	A phone number.	PhoneNumber
	PhoneType	smallint (2 bytes)	A well-defined name for the phone number, such as "Home," "Business," "Mobile," etc.	PhoneType
	SearchablePhoneNumber	varchar (255 characters)	Phone number without formatting or any dial codes. A basic form suitable for searching on.	PhoneNumber

Key	Name	SQL Data Type/Length	Description	Custom Type
	TransmitForcedAuthorizationCode	smallint (2 bytes)	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.	Bool

Stored Procedures

Name	Description
csp_PhoneNumberCreate	Creates a new PhoneNumber object for a user such as "Home Phone" by inserting a new row into tbl_PhoneNumber.
csp_PhoneNumberDelete	Deletes a PhoneNumber object from tbl_PhoneNumber as specified by the @ObjectId parameter.
csp_PhoneNumberModify	Updates the attributes of a PhoneNumber object based on the values passed in via the parameters. The @ObjectId parameter identifies the PhoneNumber object that is updated.

Column Properties

AutoLogon

Property Name	Value
Description:	A flag indicating whether the phone number can be used for automatically logging on the caller.
Notes:	Values: 0: Autologon disabled. 1: Autologon enabled.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.AutoLogon
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.CallPickupTimeout
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	100

ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.ClientMatterCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

DialablePhoneNumber

Property Name	Value
Description:	A dialable version of the PhoneNumber column.
Notes:	Must be specified by client - it will not default to the value of PhoneNumber.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.DialablePhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DialablePhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digit, T, hash, *, or comma.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of the phone number to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PhoneNumber object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_ContactObjectId

Property Name	Value
Description:	The object to which this phone number belongs. If the phone number belongs to a Contact, the unique identifier of the Contact object to which this phone number belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*ObjectId column should contain a non-null value. The other Owner_*ObjectId column should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.Owner_ContactObjectId
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_UserObjectld

Property Name	Value
Description:	The object to which this phone number belongs. If the phone number belongs to a User, the unique identifier of the User object to which this phone number belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*Objectld column should contain a non-null value. The other Owner_*Objectld column should contain NULL.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.Owner_UserObjectld
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneNumber

Property Name	Value
Description:	A phone number.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.PhoneNumber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #_\. @,; +\\ %\?"'()~*!&=\\\$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PhoneType

Property Name	Value
Description:	A well-defined name for the phone number, such as "Home," "Business," "Mobile," etc.

Property Name	Value
Notes:	<p>Values:</p> <p>1: Primary work (business or office) telephone number.</p> <p>10: Telephone number for assistant such as in an executive and executive assistant relationship.</p> <p>11: Text Telephone (TTY) and/or Telecommunications Device for the Deaf (TDD) service for the hearing impaired.</p> <p>14: First other (spare) telephone number.</p> <p>15: Second other (spare) telephone number.</p> <p>16: Third other (spare) telephone number.</p> <p>17: Fourth other (spare) telephone number.</p> <p>18: Fifth other (spare) telephone number.</p> <p>19: Sixth other (spare) telephone number.</p> <p>2: Secondary work (business or office) telephone number.</p> <p>20: Seventh other (spare) telephone number.</p> <p>21: Eighth other (spare) telephone number.</p> <p>22: Ninth other (spare) telephone number.</p> <p>23: Tenth other (spare) telephone number.</p> <p>24: Eleventh other (spare) telephone number.</p> <p>25: Twelfth other (spare) telephone number.</p> <p>26: Thirteenth other (spare) telephone number.</p> <p>27: Fourteenth other (spare) telephone number.</p> <p>28: Fifteenth other (spare) telephone number.</p> <p>29: Sixteenth other (spare) telephone number.</p> <p>3: Primary home telephone number.</p> <p>30: Seventeenth other (spare) telephone number.</p> <p>31: Eighteenth other (spare) telephone number.</p> <p>32: Nineteenth other (spare) telephone number.</p> <p>33: Twentieth other (spare) telephone number.</p> <p>4: Secondary home telephone number.</p> <p>5: Primary mobile (cell) telephone number.</p> <p>6: Secondary mobile (cell) telephone number.</p> <p>7: Primary work (business or office) fax delivery telephone number.</p> <p>8: Secondary work (business or office) fax delivery telephone number.</p> <p>9: Home fax delivery telephone number.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.PhoneType
Primary Key:	False
Allow Null:	False
Default Value:	3
Custom Type:	PhoneType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SearchablePhoneNumber

Property Name	Value
Description:	Phone number without formatting or any dial codes. A basic form suitable for searching on.
Notes:	If PhoneNumber is not specified, the stored procedures will generate SearchablePhoneNumber by stripping out spaces and the following formatting characters: -()#*+.,
Business Rules:	
Developer Notes:	NULL is allowed for upgrade purposes.
Table/Column Mapping:	tbl_PhoneNumber.SearchablePhoneNumber
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumber
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^[a-zA-Z0-9 #_\. @,;:\+ \%\'?\'()\~*!&=\\$]*\$
Validation - Description:	For SIP, based on user@server.com portion of the address from http://www.faqs.org/rfcs/rfc3261.html , the character validation rule allows the following characters: All ASCII alphabetical characters (a-z, A-Z) and digits (0-9). Special characters hyphen (-), underscore (_), period (.), exclamation mark (!), tilde (~), asterisk (*), single quote ('), opening and closing parens (()), ampersand (&), equals (=), plus sign (+), dollar sign (\$), colon (:), comma (,), semicolon (;), question mark (?), at sign (@), backslash (\), hash (#), and percent sign (%) are allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.
Notes:	Values: 0: Do not transmit authorization code 1: Transmit authorization code
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_PhoneNumber.TransmitForcedAuthorizationCode
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.149. vw_Policy

A simple view for tbl_Policy.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DateCreated	datetime (8 bytes)	The date and time the policy was created.	
	DateExpires	datetime (8 bytes)	The date and time the policy automatically expires. Used to limit the period of time that a policy is active.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Policy object.	ObjectID
	RoleObjectId	char (36 characters)	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."	ObjectID
	TargetAgencyObjectId	char (36 characters)	The unique identifier of the Agency object to which this policy applies.	ObjectID
	TargetDistributionListObjectId	char (36 characters)	The unique identifier of the DistributionList object to which this policy applies.	ObjectID
	TargetHandlerObjectId	char (36 characters)	The unique identifier of the Handler object to which this policy applies.	ObjectID
	TargetUserObjectId	char (36 characters)	The unique identifier of the user object to which this policy applies.	ObjectID
	TargetVmsObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this policy applies.	ObjectID
	UserObjectId	char (36 characters)	The unique identifier of the User object (subject) to which this policy is assigned.	ObjectID
	VmsObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this policy applies.	ObjectID

Stored Procedures

Name	Description
csp_PolicyCreate	Creates a new policy to give a user authorization to access a resource on a target by inserting a new row into tbl_Policy. This procedure assigns a role to a user, and then associates the policy to a target (distribution list, handler, user or VMS).

Name	Description
csp_PolicyDelete	Deletes a Policy object from tbl_Policy as specified by the @ObjectId parameter.
csp_PolicyModify	Updates the attributes of a Policy object based on the values passed in via the parameters. The @ObjectId parameter identifies the Policy object that is updated.

Column Properties

DateCreated

Property Name	Value
Description:	The date and time the policy was created.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Policy.DateCreated
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DateExpires

Property Name	Value
Description:	The date and time the policy automatically expires. Used to limit the period of time that a policy is active.
Notes:	One use of this column is for granting a user a particular policy temporarily. For example, the person who is assigned the role of a "User Administrator" is going on vacation. Create a policy with the role of a "User Administrator" and assign it to another user who is covering the duties of the vacationing administrator. Set the DateExpires column so that the policy expires automatically on the date when the primary "User Administrator" is scheduled to return from vacation.
Business Rules:	A value of NULL means the policy never expires.

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_Policy.DateExpires
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Policy object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Policy.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RoleObjectId

Property Name	Value
Description:	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Policy.RoleObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetAgencyObjectId

Property Name	Value
Description:	The unique identifier of the Agency object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetAgencyObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetDistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetDistributionListObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the Handler object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetUserObjectId

Property Name	Value
Description:	The unique identifier of the user object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetUserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TargetVmsObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	This identifies the particular area (i.e., a node in the organizational hierarchy) of a Unity Organization that this policy applies to. For now, this can only be a LocationVMS, although in the future we do support multiple primary VMS as a method of partitioning.
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetVmsObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object (subject) to which this policy is assigned.
Notes:	
Business Rules:	
Developer Notes:	May want to add DL or UserGroup as subject later, but for now it is just a User.
Table/Column Mapping:	tbl_Policy.UserId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	This identifies the particular area (i.e., a node in the organizational hierarchy) of a Unity Organization that this policy applies to. For now, this can only be a LocationVMS, although in the future we do support multiple primary VMS as a method of partitioning.
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetVmsObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.150. vw_Privilege

A view for tbl_Privilege, including the LocalizedName and LanguageCode for the privilege from tbl_LocalizedText.

Additional Information

This view is comprised of all the columns in the tbl_Privilege, plus the LocalizedName and LanguageCode columns from tbl_LocalizedText.

You need to include "WHERE LanguageCode=1033" or such to get the LocalizedName for the desired language from tbl_LocalizedText.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CreateAccess	smallint (2 bytes)	A flag indicating authorization to create a new instance of a particular object. For example, the ability to create distribution lists on the system and assign members.	Bool
	DeleteAccess	smallint (2 bytes)	A flag indicating authorization to delete an instance of an object. For example, the ability to delete a Class of Service (COS) from the system.	Bool
	DisplayName	lvarchar (1024 characters)	The localized name of the privilege, which is displayed in the SA.	
	ExecuteAccess	smallint (2 bytes)	A flag indicating authorization to execute (i.e. run) an application such as the ability to run Reports or to execute a tool or utility program.	Bool
PK	LanguageCode	int (4 bytes)	The language code (LCID) indicating the language of the text in the LocalizedName column.	Language-Code
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Privilege object.	ObjectID
	PrivilegeName	nvarchar (64 characters)	The unique text name of the privilege.	
	ReadAccess	smallint (2 bytes)	A flag indicating authorization to read (i.e., view) an object and its attributes. For example, the ability to read all the distribution lists on the system and their associated attributes such as members.	Bool
	ResourceType	int (4 bytes)	The type of resource (object) associated with this privilege. For example, Distribution Lists, Users, Classes of Service, Mailbox Databases, etc.	ResourceType

Key	Name	SQL Data Type/Length	Description	Custom Type
	UpdateAccess	smallint (2 bytes)	A flag indicating authorization to change the attribute(s) of an object. For example, the ability to change Class of Service (COS) settings.	Bool

Stored Procedures

vw_Privilege has no stored procedures.

Column Properties

CreateAccess

Property Name	Value
Description:	A flag indicating authorization to create a new instance of a particular object. For example, the ability to create distribution lists on the system and assign members.
Notes:	Values: 0: Not authorized to create a new instance of a particular object 1: Authorized to create a new instance of a particular object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.CreateAccess
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DeleteAccess

Property Name	Value
Description:	A flag indicating authorization to delete an instance of an object. For example, the ability to delete a Class of Service (COS) from the system.

Property Name	Value
Notes:	Values: 0: Not authorized to delete an instance of a particular object 1: Authorized to delete an instance of a particular object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.DeleteAccess
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The localized name of the privilege, which is displayed in the SA.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LocalizedName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (1024 characters)
Validation - Expression:	^[^\x00-\x1F\x7F\x0A\x0D]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	1024 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ExecuteAccess

Property Name	Value
Description:	A flag indicating authorization to execute (i.e. run) an application such as the ability to run Reports or to execute a tool or utility program.
Notes:	Values: 0: Not authorized to run a particular application 1: Authorized to run a particular application
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.ExecuteAccess
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	The language code (LCID) indicating the language of the text in the LocalizedName column.

Property Name	Value
Notes:	<p>You need to include "WHERE LanguageCode=1033" or such to get the LocalizedName for the desired language from tbl_LocalizedText.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241</p> <p>10249: English_Belize 10249</p> <p>1025: Arabic_Saudi_Arabia 1025</p> <p>10250: Spanish_Peru 10250</p> <p>1026: Bulgarian 1026</p> <p>1027: Catalan 1027</p> <p>1028: Chinese_Taiwan 1028</p> <p>1029: Czech 1029</p> <p>1030: Danish 1030</p> <p>1031: German_Standard 1031</p> <p>1032: Greek 1032</p> <p>1033: English_United_States 1033</p> <p>1034: Spanish_Traditional_Sort 1034</p> <p>1035: Finnish 1035</p> <p>1036: French_Standard 1036</p> <p>1037: Hebrew 1037</p> <p>1038: Hungarian 1038</p> <p>1039: Icelandic 1039</p> <p>1040: Italian_Standard 1040</p> <p>1041: Japanese 1041</p> <p>1042: Korean 1042</p> <p>1043: Dutch_Standard 1043</p> <p>1044: Norwegian_Bokmal 1044</p> <p>1045: Polish 1045</p> <p>1046: Portuguese_Brazilian 1046</p> <p>1047: Rhaeto-Romanic 1047</p> <p>1048: Romanian 1048</p> <p>1049: Russian 1049</p> <p>1050: Croatian 1050</p> <p>1051: Slovak 1051</p> <p>1052: Albanian 1052</p> <p>1053: Swedish 1053</p> <p>1054: Thai 1054</p> <p>1055: Turkish 1055</p> <p>1056: Urdu 1056</p> <p>1057: Indonesian 1057</p> <p>1058: Ukrainian 1058</p> <p>1059: Belarusian 1059</p> <p>1060: Slovenian 1060</p> <p>1061: Estonian 1061</p> <p>1062: Latvian 1062</p> <p>1063: Lithuanian 1063</p> <p>1065: Farsi 1065</p> <p>1066: Vietnamese 1066</p> <p>1067: Armenian 1067</p> <p>1068: Azeri_Latin 1068</p> <p>1069: Basque 1069</p> <p>1070: Sorbian 1070</p> <p>1071: Macedonian 1071</p> <p>1072: Sutu 1072</p> <p>1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LanguageCode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Privilege object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PrivilegeName

Property Name	Value
Description:	The unique text name of the privilege.
Notes:	Not displayed on CUSA.
Business Rules:	The name must unique within the VMS.
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.PrivilegeName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReadAccess

Property Name	Value
Description:	A flag indicating authorization to read (i.e., view) an object and its attributes. For example, the ability to read all the distribution lists on the system and their associated attributes such as members.
Notes:	Values: 0: Not authorized to read an object and its attributes 1: Authorized to read an object and its attributes
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.ReadAccess
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ResourceType

Property Name	Value
Description:	The type of resource (object) associated with this privilege. For example, Distribution Lists, Users, Classes of Service, Mailbox Databases, etc.

Property Name	Value
Notes:	<p>Values:</p> <p>1: Managing networking (Unity networking, dialing domains, delivery locations for foreign voice messaging systems)</p> <p>10: Managing Shared Distribution Lists.</p> <p>11: Managing restriction tables and restriction patterns.</p> <p>12: Managing call routing rules.</p> <p>13: Managing system schedules and holidays.</p> <p>14: Managing Administrative Regions. For example, the privilege to add/remove VMS configurations to/from an administrative region, or view a list of VMS configurations that compose an administrative region.</p> <p>15: Managing Unity organization. For example, the privileges to change the name of the organization, add/remove administrative regions to/from an organization, or view a list of administrative regions and VMS configurations that compose the Unity organization.</p> <p>16: Managing server(s) in a VMS configuration. For example, the privileges to add/delete a front-end or back-end server to/from the VMS configuration, activate/deactivate a server role on a VMS configuration.</p> <p>17: Managing server role templates. For example, the privileges to read/update VMS server role templates.</p> <p>18: Managing user groups. For example, the privileges to add/delete users to/from a user group, or create/delete a user group.</p> <p>19: Managing call handlers, call handler templates, and interview handlers. For example, the privileges to create/delete call and interview handlers, or to read/update call and interview handlers and call handler templates.</p> <p>2: Managing administrative roles (includes managing user to role relationships)</p> <p>20: Managing VMS server configuration settings, Report system settings and licensing settings. For example, the privileges to read/update the system's recording settings, phone and GUI language settings, voice messaging port settings, enable/disable a VMS configuration's participation in the Unity Organization license pool, etc.</p> <p>21: Run system reports and execute system reporting tools. For example, the privileges to run any of the System Reports such as the Administrative Access Report and any of the system reporting tools such as the Port Usage Analyzer tool.</p> <p>22: Run subscriber and mailbox reports. For example, the privileges to run any of the subscriber reports such as the Subscriber Message Activity Report or any of the Mailbox reports such as the Mailbox Database Information Report.</p> <p>23: View all reports. The privileges to view all system, subscriber and mailbox reports.</p> <p>24: Reset user passwords or PINs, and unlock user accounts.</p> <p>25: Reset administrative user account passwords and unlock administrative user accounts. For example, the privileges to reset the password for a user assigned the role of a 'Technician.'</p> <p>26: Managing Cisco Unity Connection security and user account lockout policies. For example, the privileges to read/update GUI/phone password restrictions and account lockout policies.</p> <p>27: Run all administration tools. For example, the privileges to run Disaster Recovery Backup/Restore tool, Subscriber Information Dump, TTY Angel, etc.</p> <p>28: Run ALL diagnostic, audio management and phone system integration tools. For example, the privileges to run the Set Record Format tool, CodecChecker tool, Cisco Unity Connection Performance Information and Diagnostics tool, Integration Monitor, Call Viewer, etc.</p> <p>29: Run status monitor application for monitoring system activity.</p> <p>3: Managing users</p> <p>30: Phone system.</p> <p>31: View and retrieve Configuration objects, localized text, and TreeControlNodes.</p> <p>32: IF (@NumericId IS NOT NULL) RAISERROR({GetExceptionCode("EXCEPTION_PERSONALGROUP_NUMERICID_INVALID") <@SEVERITY_INVALID_PARAMETER/>, 1, 'NULL', '0') <@StoredProcReturn GetExceptionCode("EXCEPTION_PARAMETER_INVALID")/></p>

Property Name	Value
	33: Managing Greetings. For example, the privilege to change the greeting for a call handler via the TUI. 34: Agency. Used by Community Voice Mail feature. 35: Web service access. 36: Managing interview handlers 37: Access serviceability page 38: VPIM controls 4: Changing User Name Attributes. 5: Managing users in bulk. 6: Managing user templates. 7: Managing mailbox databases. 8: Managing COS. 9: Managing directory handlers.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.ResourceType
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ResourceType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UpdateAccess

Property Name	Value
Description:	A flag indicating authorization to change the attribute(s) of an object. For example, the ability to change Class of Service (COS) settings.
Notes:	Values: 0: Not authorized to change the attributes of an object 1: Authorized to change the attributes of an object
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Privilege.UpdateAccess
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.151. vw_RestrictionPattern

A simple view for tbl_RestrictionPattern.

A dial string that consists of a call pattern and a setting that specifies whether numbers matching the call pattern are permitted for use.

Additional Information

A restriction table can have any number of string patterns (i.e. "91?????????" or "011*") which can be marked for allow or disallow. A restriction table must have a least one dial string with a call pattern of "*" to ensure that Cisco Unity Connection is able to match a call pattern.

New dial strings are inserted into the restriction table as "Dial String n", n being the value of the Index column. Note that the order of the dial strings is very important because Cisco Unity Connection sequentially compares a phone number to the call patterns in the restriction table, starting with Dial String 0. If a number matches more than one call pattern, the number is handled according to the first call pattern it matches. See also tbl_RestrictionTable.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Blocked	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection permits the use of dial strings matching the pattern.	Bool
	NumberPattern	nvarchar (40 characters)	The specific numbers or patterns of numbers (including external and long-distance access codes) that can be permitted or restricted.	
PK	ObjectId	char (36 characters)	Surrogate key for the table.	ObjectID
	RestrictionTableObjectId	char (36 characters)	The unique identifier of the RestrictionTable object to which this restriction pattern belongs.	ObjectID
	SequenceNumber	smallint (2 bytes)	A sequential index for this RestrictionPattern within the parent RestrictionTable, which specifies the order in which Cisco Unity Connection will apply each call pattern.	

Stored Procedures

Name	Description
csp_RestrictionPatternCreate	Creates a new RestrictionPattern object by inserting a new row into tbl_RestrictionPattern. A RestrictionPattern contains dial strings consisting of a call pattern and a setting that specifies whether numbers matching the call pattern are permitted for use.
csp_RestrictionPatternDelete	Deletes a RestrictionPattern object from tbl_RestrictionPattern as specified by the @ObjectId parameter.

Name	Description
csp_RestrictionPatternModify	Updates the attributes of a RestrictionPattern object based on the values passed in via the parameters. The @ObjectId parameter identifies the RestrictionPattern object that is updated.

Column Properties

Blocked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection permits the use of dial strings matching the pattern.
Notes:	Values: 0: Permit use of dial strings matching the pattern 1: Do not permit use of dial strings matching the pattern
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionPattern.Blocked
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NumberPattern

Property Name	Value
Description:	The specific numbers or patterns of numbers (including external and long-distance access codes) that can be permitted or restricted.

Property Name	Value
Notes:	<p>Uses digits 0 through 9 plus the following special characters:</p> <ul style="list-style-type: none"> * Match zero or more digits ? Match exactly one digit. Each ? serves as a placeholder for one digit. # Corresponds to the # key on the phone <p>For example, to screen out all phone numbers that start with 206 but are longer than 7 digits, enter 9206?????* for the pattern (and set "Blocked" == true).</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionPattern.NumberPattern
Primary Key:	False
Allow Null:	False
Default Value:	'*'
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9#?]*\$
Validation - Description:	Digits 0-9, special characters question mark, asterisk, and hash ("#") are also allowed.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Surrogate key for the table.
Notes:	The "real" PK is (RestrictionTableObjectId,SequenceNumber), but since we automatically change SequenceNumber on deletion to close gaps there needs to be a more permanent identifier to use.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionPattern.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

RestrictionTableObjectId

Property Name	Value
Description:	The unique identifier of the RestrictionTable object to which this restriction pattern belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionPattern.RestrictonTableObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SequenceNumber

Property Name	Value
Description:	A sequential index for this RestrictionPattern within the parent RestrictionTable, which specifies the order in which Cisco Unity Connection will apply each call pattern.
Notes:	A sequential index for this object within the particular restriction table.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionPattern.SequenceNumber
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	999

5.152. vw_RestrictionTable

A simple view for tbl_RestrictionTable.

A list of dial strings, each consisting of a call pattern and a setting that specifies whether numbers matching the call pattern are permitted for use. Restriction tables control which phone numbers subscribers can use for transferring calls, recording and playback by phone from Cisco Unity Connection applications, delivering faxes to a fax machine, and sending message notifications.

Additional Information

Each restriction table has a maximum number of digits allowed and a list of number patterns which are to be blocked or allowed. Each restriction table must have a least one dial string containing a call pattern. When a restriction table is applied to a number (such as a pager number for a message notification), Cisco Unity Connection compares the number with the call pattern of the first dial string in the restriction table. If the number does not match the call pattern, Cisco Unity Connection then compares the number with the call pattern in the second dial string, and so on, until it finds a match and the number does not exceed the maximum number of digits allowed. When Cisco Unity Connection finds a match, it either permits or restricts the use of this number as specified in the dial string.

Restriction tables are assigned to subscribers via COS. Each COS specifies for its members three restriction table entries: one for call transfer phone numbers, one for outcalling (message delivery) phone numbers, and one for fax delivery phone numbers.

When a subscriber uses the Cisco Unity Assistant or the Cisco Unity Connection conversation to attempt to change a phone number that is used for message notification, fax delivery, or call transfer, or when subscribers use Caller system transfers to transfer to a number that they specify, Cisco Unity Connection applies the applicable restriction table to verify that the phone number entered is allowed. The same thing happens when an administrator uses Cisco Unity Connection Administration to attempt to change a phone number that is used for message notification, fax delivery, or call transfer. In each case, the restriction table used is the one associated with the subscriber or administrator who is changing the number.

Note that the restriction table applies at the time of the entry of the number, not at the time of the use of the number. The restriction table in the COS of the person making the change is the one checked. For example, a given subscriber may be restricted from entering a long-distance message delivery or call transfer number, but an administrator can enter a long-distance number into the subscriber record for them if desired.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CreationTime	datetime (8 bytes)	The date and time this restriction table was created.	
	DefaultBlocked	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection permits the phone number in the case where a phone number does not match any call patterns in this restriction table.	Bool
	DisplayName	nvarchar (64 characters)	The unique text name of this restriction table to be used when displaying entries in the administrative console. For example, "{Default Transfer}."	DisplayName
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this restriction table belongs.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	MaxDigits	smallint (2 bytes)	The maximum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.	
	MinDigits	smallint (2 bytes)	The minimum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.	ObjectID
	Undeetable	smallint (2 bytes)	A flag indicating whether this restriction table can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool

Stored Procedures

Name	Description
csp_RestrictionTableCreate	Creates a new RestrictionTable object by inserting a new row into tbl_RestrictionTable. A RestrictionTable object is used to control which phone numbers subscribers can use for transferring calls, recording and playback by phone from Cisco Unity Connection applications, delivering faxes to a fax machine, and sending message notifications.
csp_RestrictionTableDelete	Deletes a RestrictionTable object from tbl_RestrictionTable as specified by the @ObjectId parameter.
csp_RestrictionTableEvaluate	Evaluates a phone number against a specified restriction table (and restriction patterns) to determine if it should be blocked (restricted) or not.
csp_RestrictionTableModify	Updates the attributes of a RestrictionTable object based on the values passed in via the parameters. The @ObjectId parameter identifies the RestrictionTable object that is updated.

Column Properties

CreationTime

Property Name	Value
Description:	The date and time this restriction table was created.
Notes:	
Business Rules:	The default value is the current system date and time.
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionTable.CreationTime

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultBlocked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection permits the phone number in the case where a phone number does not match any call patterns in this restriction table.
Notes:	This condition should never occur. By default, all restriction tables should have * as the call pattern in the last dial string of the table and an administrator should not be allowed to modify this call pattern setting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionTable.DefaultBlocked
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of this restriction table to be used when displaying entries in the administrative console. For example, "{Default Transfer}."
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionTable.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this restriction table belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionTable.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxDigits

Property Name	Value
Description:	The maximum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Notes:	Only dial strings that contain a number of digits fewer than or equal to the number of digits specified in this column are checked against the restriction table. Dial strings that contain more than the number of digits specified in this column are not permitted. For example, if local calls in your area are seven digits long, and you want to prevent subscribers from using long distance phone numbers, enter 8 in this column. (A local number plus the access code for the phone system equals 8 digits.)
Business Rules:	
Developer Notes:	2007-01-10 ekostenb - Increased default value from 30 to 40 to be consistent with max length of DtmfAccessId. (See CSCse35826).
Table/Column Mapping:	tbl_RestrictionTable.MaxDigits
Primary Key:	False
Allow Null:	False
Default Value:	40
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	300

MinDigits

Property Name	Value
Description:	The minimum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Notes:	Only dial strings that contain a number of digits greater than or equal to the number of digits specified in this column are checked against the restriction table. Dial strings that contain fewer than the number of digits specified in this column are not permitted. For example, to prohibit subscribers from using four-digit numbers, enter a value of 5 in this column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionTable.MinDigits
Primary Key:	False
Allow Null:	False
Default Value:	1

Property Name	Value
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	300

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionTable.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this restriction table can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Values: 0: Restriction table can be deleted 1: Restriction table cannot be deleted

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RestrictionTable.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.153. vw_Role

A simple view for tbl_Role containing all Roles that are enabled (IsEnabled=1).

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	IsEnabled	smallint (2 bytes)	A flag indicating whether the role is enabled and is available in the SA.	Bool
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Role object.	ObjectID
	ReadOnly	smallint (2 bytes)	Is role read-only?	Bool
	RoleDescription	lvarchar (256 characters)	A description of the purpose of this role and its assigned capabilities.	
	RoleName	nvarchar (64 characters)	The given, unique text name of the user role. For example, "User Administrator," "Help Desk Administrator," "Technician," etc.	

Stored Procedures

Name	Description
csp_RoleCreate	Creates a new Role object by inserting a new row into tbl_Role. A Role consists of a range of authorized operations for users that control access to the system.
csp_RoleDelete	Deletes a Role object from tbl_Role as specified by the @ObjectId parameter.
csp_RoleModify	Updates the attributes of a Role object based on the values passed in via the parameters. The @ObjectId parameter identifies the Role object that is updated.

Column Properties

IsEnabled

Property Name	Value
Description:	A flag indicating whether the role is enabled and is available in the SA.

Property Name	Value
Notes:	This flag is used primarily to hide roles associated with the Community Voice Mail application from the standard product. Values: 0: Role disabled, do not display in the SA 1: Role is enabled, display in the SA
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Role.IsEnabled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Role object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Role.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ReadOnly

Property Name	Value
Description:	Is role read-only?
Notes:	Default roles are read only.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Role.ReadOnly
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RoleDescription

Property Name	Value
Description:	A description of the purpose of this role and its assigned capabilities.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Role.RoleDescription
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	All unicode characters.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RoleName

Property Name	Value
Description:	The given, unique text name of the user role. For example, "User Administrator," "Help Desk Administrator," "Technician," etc.
Notes:	Cisco Unity Connection ships with a collection of predefined roles, which cannot be altered.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Role.RoleName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	All unicode characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.154. vw_RolePrivilegeMap

A simple view for tbl_RolePrivilegeMap.
A mapping of a privilege to a role.

Additional Information

A role can be associated with one or more privileges.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	PrivilegeObjectId	char (36 characters)	The unique identifier of the Privilege object that is mapped to the specified role.	ObjectID
PK	RoleObjectId	char (36 characters)	The unique identifier of the Role object that is mapped to the specified privilege.	ObjectID

Stored Procedures

vw_RolePrivilegeMap has no stored procedures.

Column Properties

PrivilegeObjectId

Property Name	Value
Description:	The unique identifier of the Privilege object that is mapped to the specified role.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RolePrivilegeMap.PrivilegeObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RoleObjectId

Property Name	Value
Description:	The unique identifier of the Role object that is mapped to the specified privilege.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RolePrivilegeMap.RoleObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.155. vw_RoutingRule

Contains a series of rules that let Cisco Unity Connection determine how to route incoming calls (e.g., to the operator, a specific subscriber, call handler, directory handler, or interview handler) based on the information that Cisco Unity Connection may have about a call, such as the calling phone number (ANI or caller ID), the trunk or port on which the call comes in, the dialed phone number (DNIS), the forwarding station, and the schedule.

Additional Information

This view is comprised of all the columns in the tbl_RoutingRule table, plus columns from the call action object it references.

When Cisco Unity Connection receives a call, it first determines if it is a direct or forwarded call based on the information contained in the serial or DTMF packet sent by the phone system, and then applies the applicable call routing table. If the call information matches all of the settings for the first rule, the call is routed as specified in the rule. If any call information does not match the settings specified in the first rule, the call information is then compared to the settings of the second rule, and so on, until a rule is found that matches all the characteristics of the call.

The integration between the phone system and Cisco Unity Connection determines the information that is provided about a call (for example, call type, port, trunk, calling number, and dialed number). The schedule is determined by the date and time the call is received.

Cisco Unity Connection has four predefined routing rules. The predefined routing rules for Direct Calls are:

- * Attempt Sign-In - Sends calls from subscribers to the subscriber logon conversation.
- * Default Call Handler - Sends calls from unidentified callers to the opening greeting.

The predefined rules for Forwarded Calls are:

- * Attempt Forward to Greeting - Sends all calls from a subscriber extension to the subscriber greeting.
- * Default Call Handler - Sends calls forwarded from an extension that is not associated with a subscriber to the opening greeting.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CallActionObjectId	char (36 characters)	The unique identifier of the CallAction object that Cisco Unity Connection will take (as specified by the CallAction object) if this rule evaluates to true.	ObjectID
	CallType	smallint (2 bytes)	The type of call.	RoutingRule-CallType
	DisplayName	nvarchar (64 characters)	The unique text name of the routing rule to be used when displaying entries in the administrative console. For example, the display name for the default routing rule for attempting subscriber sign-in is "Attempt Sign-In."	DisplayName
	Flags	smallint (2 bytes)	A flag indicating whether the rule can be edited or deleted.	RoutingRule-Flags

Key	Name	SQL Data Type/Length	Description	Custom Type
	LanguageCode	int (4 bytes)	The Windows Locale ID (LCID) identifying the language Cisco Unity Connection will associate with the call.	Language-Code
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a RoutingRule object.	ObjectID
	Route_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	Route_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	Route_TargetHandlerDisplayName	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."	DisplayName
	Route_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	Route_TargetHandlerObjectType	smallint (2 bytes)	The type of handler (CallHandler, InterviewHandler, or DirectoryHandler) for this object.	ObjectType
	RuleIndex	smallint (2 bytes)	The order in which Cisco Unity Connection executes the rules. A zero-based index is used to determine the order.	
	State	smallint (2 bytes)	The state of the rule (active, inactive, or invalid).	RuleState
	Type	smallint (2 bytes)	The type of rule based on call type (direct, forwarded, or system).	RoutingRule-Type
	UseCallLanguage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.	Bool
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this routing rule is derived from the routing rule object attribute or the default language from the location to which the routing rule belongs. Always use the LanguageCode column - if this is set, then the column LanguageCode is being derived directly from the location.	Bool

Stored Procedures

Name	Description
csp_RoutingRuleCreate	Creates a new RoutingRule by inserting a row into tbl_RoutingRule. The new rule is added to the top of the list.
csp_RoutingRuleDelete	Deletes a RoutingRule object from tbl_RoutingRule as specified by the @ObjectId parameter. All rules below the one deleted are moved up in the list by one.

Name	Description
csp_RoutingRuleModify	Updates the attributes of a RoutingRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the RoutingRule object that is updated.

Column Properties

CallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that Cisco Unity Connection will take (as specified by the CallAction object) if this rule evaluates to true.

Property Name	Value
Notes:	<p>Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible actions that Cisco Unity Connection can take depending on a routing rule evaluating to true. In Unity 4.0(4), the possible conversations to route to are as follows:</p> <ul style="list-style-type: none"> * AD - Sends the call to the specified directory handler. * AttemptForward - Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * AvConvEasySignIn. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * AvConvSubSystemTransfer - Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * AvConvSystemTransfer - Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * CHInterview - Sends the call to the specified interview handler. * ConvCVMBoxReset - This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotelCheckedOut - When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - This is a special conversation for "Live Record." * GreetingsAdministrator - Sends the call to a conversation for changing call handler greetings over the phone. For example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed. * PHGreeting - Sends the call to the greeting of the specified subscriber. * PHTransfer - Sends the call to the specified call handler. * SubSignIn - Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. <p>Please refer to tbl_Conversation for more information.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRule.CallActionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallType

Property Name	Value
Description:	The type of call.
Notes:	Values: 0: 1: 2:
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRule.CallType
Primary Key:	False
Allow Null:	False
Default Value:	2
Custom Type:	RoutingRuleCallType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The unique text name of the routing rule to be used when displaying entries in the administrative console. For example, the display name for the default routing rule for attempting subscriber sign-in is "Attempt Sign-In."
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRule.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Flags

Property Name	Value
Description:	A flag indicating whether the rule can be edited or deleted.
Notes:	<p>The predefined, default routing rules are set to a value of "0" indicating that they cannot be edited or deleted.</p> <p>Values:</p> <p>0: Immutable - cannot be edited or deleted.</p> <p>1: Deletable - can be deleted.</p> <p>2: Editable - can be edited.</p> <p>3: Editable and deletable - can be edited and deleted.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRule.Flags
Primary Key:	False
Allow Null:	False
Default Value:	3
Custom Type:	RoutingRuleFlags
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) identifying the language Cisco Unity Connection will associate with the call.

Property Name	Value																																																																																														
Notes:	<p>This column contains the language code that maps to a LCID. A few examples:</p> <table> <tr><td>Language</td><td>LCID</td></tr> <tr><td>ENU</td><td>1033</td></tr> <tr><td>CHS</td><td>2052</td></tr> <tr><td>DEU</td><td>1031</td></tr> <tr><td>FRA</td><td>1036</td></tr> </table> <p>If the language contains NULL, Cisco Unity Connection determines the language to use on a per-call basis, depending on the handler or routing rule that processed the call. If the language is set to NULL for every rule and handler that processes a call, then the system prompts are played in the default phone language.</p> <p>Values:</p> <table> <tr><td>10241: Arabic_Syria</td><td>10241</td></tr> <tr><td>10249: English_Belize</td><td>10249</td></tr> <tr><td>1025: Arabic_Saudi_Arabia</td><td>1025</td></tr> <tr><td>10250: Spanish_Peru</td><td>10250</td></tr> <tr><td>1026: Bulgarian</td><td>1026</td></tr> <tr><td>1027: Catalan</td><td>1027</td></tr> <tr><td>1028: Chinese_Taiwan</td><td>1028</td></tr> <tr><td>1029: Czech</td><td>1029</td></tr> <tr><td>1030: Danish</td><td>1030</td></tr> <tr><td>1031: German_Standard</td><td>1031</td></tr> <tr><td>1032: Greek</td><td>1032</td></tr> <tr><td>1033: English_United_States</td><td>1033</td></tr> <tr><td>1034: Spanish_Traditional_Sort</td><td>1034</td></tr> <tr><td>1035: Finnish</td><td>1035</td></tr> <tr><td>1036: French_Standard</td><td>1036</td></tr> <tr><td>1037: Hebrew</td><td>1037</td></tr> <tr><td>1038: Hungarian</td><td>1038</td></tr> <tr><td>1039: Icelandic</td><td>1039</td></tr> <tr><td>1040: Italian_Standard</td><td>1040</td></tr> <tr><td>1041: Japanese</td><td>1041</td></tr> <tr><td>1042: Korean</td><td>1042</td></tr> <tr><td>1043: Dutch_Standard</td><td>1043</td></tr> <tr><td>1044: Norwegian_Bokmal</td><td>1044</td></tr> <tr><td>1045: Polish</td><td>1045</td></tr> <tr><td>1046: Portuguese_Brazilian</td><td>1046</td></tr> <tr><td>1047: Rhaeto-Romanic</td><td>1047</td></tr> <tr><td>1048: Romanian</td><td>1048</td></tr> <tr><td>1049: Russian</td><td>1049</td></tr> <tr><td>1050: Croatian</td><td>1050</td></tr> <tr><td>1051: Slovak</td><td>1051</td></tr> <tr><td>1052: Albanian</td><td>1052</td></tr> <tr><td>1053: Swedish</td><td>1053</td></tr> <tr><td>1054: Thai</td><td>1054</td></tr> <tr><td>1055: Turkish</td><td>1055</td></tr> <tr><td>1056: Urdu</td><td>1056</td></tr> <tr><td>1057: Indonesian</td><td>1057</td></tr> <tr><td>1058: Ukrainian</td><td>1058</td></tr> <tr><td>1059: Belarusian</td><td>1059</td></tr> <tr><td>1060: Slovenian</td><td>1060</td></tr> <tr><td>1061: Estonian</td><td>1061</td></tr> <tr><td>1062: Latvian</td><td>1062</td></tr> <tr><td>1063: Lithuanian</td><td>1063</td></tr> </table>	Language	LCID	ENU	1033	CHS	2052	DEU	1031	FRA	1036	10241: Arabic_Syria	10241	10249: English_Belize	10249	1025: Arabic_Saudi_Arabia	1025	10250: Spanish_Peru	10250	1026: Bulgarian	1026	1027: Catalan	1027	1028: Chinese_Taiwan	1028	1029: Czech	1029	1030: Danish	1030	1031: German_Standard	1031	1032: Greek	1032	1033: English_United_States	1033	1034: Spanish_Traditional_Sort	1034	1035: Finnish	1035	1036: French_Standard	1036	1037: Hebrew	1037	1038: Hungarian	1038	1039: Icelandic	1039	1040: Italian_Standard	1040	1041: Japanese	1041	1042: Korean	1042	1043: Dutch_Standard	1043	1044: Norwegian_Bokmal	1044	1045: Polish	1045	1046: Portuguese_Brazilian	1046	1047: Rhaeto-Romanic	1047	1048: Romanian	1048	1049: Russian	1049	1050: Croatian	1050	1051: Slovak	1051	1052: Albanian	1052	1053: Swedish	1053	1054: Thai	1054	1055: Turkish	1055	1056: Urdu	1056	1057: Indonesian	1057	1058: Ukrainian	1058	1059: Belarusian	1059	1060: Slovenian	1060	1061: Estonian	1061	1062: Latvian	1062	1063: Lithuanian	1063
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Property Name	Value
	1065: Farsi 1065
	1066: Vietnamese 1066
	1067: Armenian 1067
	1068: Azeri_Latin 1068
	1069: Basque 1069
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466

Property Name	Value
	2049: Arabic_Iraq 2049 20490: Spanish_Puerto_Rico 20490 2052: Chinese_PRC 2052 2055: German_Swiss 2055 2057: English_United_Kingdom 2057 2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRule.LanguageCode

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RoutingRule object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRule.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Route_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.

Property Name	Value
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Route_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Route_TargetHandlerDisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	The display name for a primary call handler is not shown anywhere on the administrative console since it's associated with a subscriber that has their own display name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Route_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Route_TargetHandlerObjectType

Property Name	Value
Description:	The type of handler (CallHandler, InterviewHandler, or DirectoryHandler) for this object.

Property Name	Value
Notes:	<p>Having the type here is mainly for efficiency - it would be possible to query the other tables to find which had this same object id, but that is more expensive.</p> <p>Values:</p> <p>0: Reserved - not assigned to an object.</p> <p>1: User account type.</p> <p>10: Template for creating a new user.</p> <p>100: Group owned by a Unity user.</p> <p>102: Personal address book type information for persons who are not Unity voice mail users.</p> <p>103: System call routing rule.</p> <p>11: Credential (i.e., password) policy for user accounts.</p> <p>12: A table containing a list of phone numbers subscribers can use for transferring calls, recording and playback by phone from Cisco Unity Connection applications, delivering faxes to a fax machine, and sending message notifications.</p> <p>13: A collection of privileges that control administrative access to the system.</p> <p>14: Discrete rights granted to perform an operation on a type of resource.</p> <p>15: Grants a user a Role in a particular area.</p> <p>16:</p> <p>17: Associates a user as a member of a system PDL.</p> <p>18:</p> <p>19:</p> <p>2: System distribution list.</p> <p>20: Unknown object type.</p> <p>21: User that has a subscription to a voice mail service and as such also is assigned at least one mailbox.</p> <p>22: A user in a remote mail system.</p> <p>3: CallHandler</p> <p>5: Special case call handler that asks the caller up to 20 questions.</p> <p>6: Directory Handler used to search a subset of the directory. Formerly referred to as "NameLookupHandler."</p> <p>64: Holds members of a voice mail user's private distribution list.</p> <p>65: Transfer rule for contacting a voice mail user. Formerly referred to as "Contact Rule."</p> <p>66: Defines the greeting to play and the action to take for a call handler. Formerly referred to as "Messaging Rule."</p> <p>67: Touch-tone menu entry for a call handler.</p> <p>68: The number or number pattern to be locked or allowed in Restriction table.</p> <p>69: A question associated with an interview handler.</p> <p>7: A schedule.</p> <p>70: Special type of notification device used to set/clear message waiting indication on phone.</p> <p>71: Set of parameters for phone, fax or pager for notification of new messages.</p> <p>72: Specifies when and which notification device is used for notification of a new message.</p> <p>8: Class of service.</p> <p>9:</p> <p>95: VPIM location.</p> <p>97: Bridge location.</p> <p>98: AMIS location.</p> <p>99: A Virtual Messaging System (VMS) location.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Handler.ObjectType
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	3
Custom Type:	ObjectType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RuleIndex

Property Name	Value
Description:	The order in which Cisco Unity Connection executes the rules. A zero-based index is used to determine the order.
Notes:	Rules are ordered from 0 to N, and are executed in order.
Business Rules:	
Developer Notes:	There is no maximum value constraint.
Table/Column Mapping:	tbl_RoutingRule.RuleIndex
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

State

Property Name	Value
Description:	The state of the rule (active, inactive, or invalid).

Property Name	Value
Notes:	Values: 0: Active - rule is active. 1: Inactive - rule is inactive. 2: Invalid - the rule is invalid.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRule.State
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	RuleState
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Type

Property Name	Value
Description:	The type of rule based on call type (direct, forwarded, or system).
Notes:	Values: 1: Direct - calls from subscribers and unidentified callers that are dialed directly to Cisco Unity Connection. 2: Forwarded - calls forwarded from specific extensions are routed according to the defined rules. 3: System - both calls from unidentified callers or calls forwarded from an extension that is not associated with a subscriber account are routed to the Opening Greeting via the "Default Call Handler" rule. This is the last rule in the routing rule table
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRule.Type
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	RoutingRuleType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	System call routing rules specify a language for the call. This flag would be used only in those extremely rare situations where a call goes from a routing rule to a call handler, and then back to another routing rule.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRule.UseCallLanguage
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this routing rule is derived from the routing rule object attribute or the default language from the location to which the routing rule belongs. Always use the LanguageCode column - if this is set, then the column LanguageCode is being derived directly from the location.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.156. vw_RoutingRuleCondition

Condition of a routing rule (system call routing rule)
The condition elements of a routing rule

Additional Information

Each routing rule comprised of zero or more conditions. There is an implicit "and" between all of the conditions ("or" is not supported).

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	CallType	smallint (2 bytes)	The type of call.	RoutingRule-CallType
PK	ObjectId	char (36 characters)	Unique identifier for this condition	ObjectID
	OperandValue	varchar (64 characters)	Value of operand in condition	
	Operator	int (4 bytes)	Type of operator in this condition - equals, greater than, etc.	RoutingRule-Operator
	Parameter	int (4 bytes)	Type of parameter in this condition - port, calling number, etc.	RoutingRule-Parameter
	RoutingRuleObjectId	char (36 characters)	Object Id of the routing rule this condition belongs to	ObjectID

Stored Procedures

Name	Description
csp_RoutingRuleConditionCreate	Create a row in tbl_RoutingRuleCondition
csp_RoutingRuleConditionDelete	Delete a row in tbl_RoutingRuleCondition
csp_RoutingRuleConditionModify	Modify a row in tbl_RoutingRuleCondition

Column Properties

CallType

Property Name	Value
Description:	The type of call.

Property Name	Value
Notes:	Values: 0: 1: 2:
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRule.CallType
Primary Key:	False
Allow Null:	False
Default Value:	2
Custom Type:	RoutingRuleCallType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Unique identifier for this condition
Notes:	This is needed for modification via the SA - each condition must have some unique identifier.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRuleCondition.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

OperandValue

Property Name	Value
Description:	Value of operand in condition
Notes:	This could be a port number, a phone number, etc. depending on Parameter value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRuleCondition.OperandValue
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Operator

Property Name	Value
Description:	Type of operator in this condition - equals, greater than, etc.
Notes:	Values: 1: IN Operator 2: Equals operator 3: Greater than operator 4: Less than operator 5: Less than or equal operator 6: Greater than or equal operator
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRuleCondition.Operator
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	RoutingRuleOperator
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Parameter

Property Name	Value
Description:	Type of parameter in this condition - port, calling number, etc.
Notes:	Values: 1: CallingNumber 2: DialedNumber 3: ForwardingStation 4: Origin 5: PortID 6: Reason 7: Schedule 8: TrunkID
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRuleCondition.Parameter
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	RoutingRuleParameter
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RoutingRuleObjectId

Property Name	Value
Description:	Object Id of the routing rule this condition belongs to
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RoutingRuleCondition.RoutingRuleObjectId

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.157. vw_RtpCodecDef

Simple view for tbl_RtpCodecDef
An audio codec supported for streaming (RTP), one row for each supported codec.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	Codec name displayed to end user	DisplayName
PK	ObjectId	char (36 characters)	Primary key	ObjectID
	SdpPayloadType	int (4 bytes)	Numeric identifier for the codec used in Session Description Protocol.	

Stored Procedures

Name	Description
------	-------------

Column Properties

DisplayName

Property Name	Value
Description:	Codec name displayed to end user
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RtpCodecDef.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$

Property Name	Value
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Primary key
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RtpCodecDef.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SdpPayloadType

Property Name	Value
Description:	Numeric identifier for the codec used in Session Description Protocol.
Notes:	
Business Rules:	
Developer Notes:	Payload types for G.711, G.722, and G.729 are defined in RFC 3551. Payload type for iLBC is found in RFC 3552.
Table/Column Mapping:	tbl_RtpCodecDef.SdpPayloadType
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	200

5.158. vw_RtpCodecDefPacketSize

Simple view for tbl_RtpCodecDefPacketSize
The RTP packet sizes supported for audio streaming.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	ObjectId	char (36 characters)	Primary key	ObjectID
	PacketSizeMs	int (4 bytes)	Packet size is milliseconds	RTPPacket-SizeMs
	RtpCodecDefObjectId	char (36 characters)	Foreign key to the codec for which this packet is supported.	ObjectID

Stored Procedures

Name	Description

Column Properties

ObjectId

Property Name	Value
Description:	Primary key
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RtpCodecDefPacketSize.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PacketSizeMs

Property Name	Value
Description:	Packet size is milliseconds
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RtpCodecDefPacketSize.PacketSizeMs
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	RTPPacketSizeMs
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

RtpCodecDefObjectId

Property Name	Value
Description:	Foreign key to the codec for which this packet is supported.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_RtpCodecDefPacketSize.RtpCodecDefObjectId
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.159. vw_Schedule

A simple view for tbl_Schedule.

An ordered list of dates and times that Cisco Unity Connection uses to manage calls. A schedule is used to establish standard hours versus closed hours for a system or subscriber (what greeting to play when and the action to take after the greeting). A schedule is also used for personal routing rules (when/where to transfer incoming calls), and notification rules (when/where to notify a Subscriber of messages).

See ScheduleSet for more information on how Schedules are used.

Additional Information

Holidays are defined using a schedule now, and instead of a "exclude holiday" check box they can be added to schedule sets with "exclude".

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The preferred text name of this schedule to be used when displaying entries in the administrative console and Cisco Personal Assistant.	DisplayName
	EndDate	datetime (8 bytes)	The date and time when schedule ends, or NULL if effective indefinitely.	
	IsHoliday	smallint (2 bytes)	A flag indicating whether this schedule represents a holiday.	Bool
	LastModified	datetime (8 bytes)	The date and time this schedule was last modified in Exchange - for synchronization.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.	ObjectID
	Owner_LocationObjectId	char (36 characters)	The owner of this schedule. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule belongs. Commonly referred to as a "system" schedule. Otherwise, this attribute is set to NULL.	ObjectID
	Owner_PersonalRuleSetObjectId	char (36 characters)	The owner of this schedule. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule belongs. Otherwise, this attribute is set to NULL.	ObjectID
	Owner_SubscriberObjectId	char (36 characters)	The owner of this schedule. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule belongs. Otherwise, this attribute is set to NULL.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	StartDate	datetime (8 bytes)	The date and time when schedule becomes active, or NULL if active immediately.	
	Undeetable	smallint (2 bytes)	A flag indicating whether this schedule can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool

Stored Procedures

Name	Description
csp_ScheduleCreate	Creates a new Schedule object by inserting a new row into tbl_Schedule.
csp_ScheduleDelete	Deletes a Schedule object from tbl_Schedule as specified by the @ObjectId parameter.
csp_ScheduleIsActive	Determines if a Schedule is currently active. Returns a value of 1 in @IsActive if the Schedule object specified by @ScheduleObjectId is found to be active.
csp_ScheduleModify	Updates the attributes of a Schedule object based on the values passed in via the parameters. The @ObjectId parameter identifies the Schedule object that is updated.

Column Properties

DisplayName

Property Name	Value
Description:	The preferred text name of this schedule to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Schedule.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

EndDate

Property Name	Value
Description:	The date and time when schedule ends, or NULL if effective indefinitely.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Schedule.EndDate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsHoliday

Property Name	Value
Description:	A flag indicating whether this schedule represents a holiday.
Notes:	Used to determine if this schedule should trigger holiday greetings or not. Values: 0: This schedule is not a holiday 1: This schedule is a holiday
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Schedule.IsHoliday
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModified

Property Name	Value
Description:	The date and time this schedule was last modified in Exchange - for synchronization.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Schedule.LastModified
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Schedule.ObjectId
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_LocationObjectid

Property Name	Value
Description:	The owner of this schedule. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule belongs. Commonly referred to as a "system" schedule. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*Objectid column should contain a non-null value. All other Owner_*Objectid columns should contain NULL.
Business Rules:	A schedule must have a owner and can have only one owner.
Developer Notes:	
Table/Column Mapping:	tbl_Schedule.Owner_LocationObjectid
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_PersonalRuleSetObjectid

Property Name	Value
Description:	The owner of this schedule. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule belongs. Otherwise, this attribute is set to NULL.
Notes:	Schedules for rules are created behind the scenes, and should not be visible to subscribers. Therefore they are owned by the RuleSet instead. They are also removed with the rule on delete that way. Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NULL.
Business Rules:	A schedule must have a owner and can have only one owner.
Developer Notes:	
Table/Column Mapping:	tbl_Schedule.Owner_PersonalRuleSetObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this schedule. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NULL.
Business Rules:	A schedule must have a owner and can have only one owner.
Developer Notes:	
Table/Column Mapping:	tbl_Schedule.Owner_SubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters

Property Name	Value
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StartDate

Property Name	Value
Description:	The date and time when schedule becomes active, or NULL if active immediately.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Schedule.StartDate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeetable

Property Name	Value
Description:	A flag indicating whether this schedule can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	<p>This setting is used to prevent the deletion of factory defaults such as the "All Hours" schedule included with every VMS.</p> <p>Values:</p> <p>0: The schedule can be deleted by an administrator (with the required privilege).</p> <p>1: The schedule cannot be deleted by an administrator.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Schedule.Undeetable
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.160. vw_ScheduleDetail

A simple view for tbl_ScheduleDetail.

A single schedule event that specifies what day(s) of the week the event is active, and between what times. A schedule can have multiple schedule details.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DirectoryId	lvvarchar (2048 characters)	The ID of this object in the directory or message store if it represents an appointment in another groupware package.	DirectoryId
	EndDate	datetime (8 bytes)	The date when this schedule detail ends. A value of NULL indicates the scheule is active indefinitely.	
	EndTime	int (4 bytes)	The end time (in minutes) for the active day or days. The end time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL means "till the end of the day" (e.g. 11:59:59 PM in Linux land).	
	IsActiveFriday	smallint (2 bytes)	A flag indicating whether this schedule is active on Friday.	Bool
	IsActiveMonday	smallint (2 bytes)	A flag indicating whether this schedule is active on Monday.	Bool
	IsActiveSaturday	smallint (2 bytes)	A flag indicating whether this schedule is active on Saturday.	Bool
	IsActiveSunday	smallint (2 bytes)	A flag indicating whether this schedule is active on Sunday.	Bool
	IsActiveThursday	smallint (2 bytes)	A flag indicating whether this schedule is active on this Thursday.	Bool
	IsActiveTuesday	smallint (2 bytes)	A flag indicating whether this schedule is active on Tuesday.	Bool
	IsActiveWednesday	smallint (2 bytes)	A flag indicating whether this schedule is active on Wednesday.	Bool
	LastModified	datetime (8 bytes)	The time this appointment was last modified in Exchange - for synchronization.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a ScehduelDetail object.	ObjectID
	ScheduleObjectId	char (36 characters)	The unique identifier of the parent Schedule object to which this schedule detail row belongs.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	StartDate	datetime (8 bytes)	The date when this schedule detail becomes active. A value of NULL means the schedule is active immediately.	
	StartTime	int (4 bytes)	The start time (in minutes) for the active day or days. The start time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL for the start time indicates 12:00 AM.	
	Subject	nvarchar (2048 characters)	The subject matter or description for this schedule detail row.	

Stored Procedures

Name	Description
csp_ScheduleDetailCreate	Creates a new ScheduleDetail object by inserting a new row into tbl_ScheduleDetail.
csp_ScheduleDetailDelete	Deletes a ScheduleDetail object from tbl_ScheduleDetail as specified by the @ObjectId parameter.
csp_ScheduleDetailModify	Updates the attributes of a ScheduleDetail object based on the values passed in via the parameters. The @ObjectId parameter identifies the ScheduleDetail object that is updated.

Column Properties

DirectoryId

Property Name	Value
Description:	The ID of this object in the directory or message store if it represents an appointment in another groupware package.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.DirectoryId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	nvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$

Property Name	Value
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EndDate

Property Name	Value
Description:	The date when this schedule detail ends. A value of NULL indicates the scheule is active indefinitely.
Notes:	Although the EndDate date is stored as calendar date and time, the time portion of the value is disregarded.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.EndDate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EndTime

Property Name	Value
Description:	The end time (in minutes) for the active day or days. The end time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL means "till the end of the day" (e.g. 11:59:59 PM in Linux land).
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.EndTime

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1440

IsActiveFriday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Friday.
Notes:	Values: 0: Not active on Friday 1: Active on Friday
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.IsActiveFriday
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveMonday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Monday.

Property Name	Value
Notes:	Values: 0: Not active on Monday 1: Active on Monday
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.IsActiveMonday
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveSaturday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Saturday.
Notes:	Values: 0: Not active on Saturday 1: Active on Saturday
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.IsActiveSaturday
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveSunday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Sunday.
Notes:	Values: 0: Not active on Sunday 1: Active on Sunday
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.IsActiveSunday
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveThursday

Property Name	Value
Description:	A flag indicating whether this schedule is active on this Thursday.
Notes:	Values: 0: Not active on Thursday 1: Active on Thursday
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.IsActiveThursday
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveTuesday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Tuesday.
Notes:	Values: 0: Not active on Tuesday 1: Active on Tuesday
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.IsActiveTuesday
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsActiveWednesday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Wednesday.
Notes:	Values: 0: Not active on Wednesday 1: Active on Wednesday
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.IsActiveWednesday
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastModified

Property Name	Value
Description:	The time this appointment was last modified in Exchange - for synchronization.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.LastModified
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a ScehduelDetail object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.ObjectId

Property Name	Value
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleObjectId

Property Name	Value
Description:	The unique identifier of the parent Schedule object to which this schedule detail row belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.ScheduleObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StartDate

Property Name	Value
Description:	The date when this schedule detail becomes active. A value of NULL means the schedule is active immediately.

Property Name	Value
Notes:	Although the StartDate is stored as calendar date and time, the time portion of the value is disregarded.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.StartDate
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

StartTime

Property Name	Value
Description:	The start time (in minutes) for the active day or days. The start time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL for the start time indicates 12:00 AM.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.StartTime
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1440

Subject

Property Name	Value
Description:	The subject matter or description for this schedule detail row.
Notes:	Used primarily when synchronizing schedules with groupware systems such as Exchange.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleDetail.Subject
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.161. vw_ScheduleSet

A simple view for tbl_ScheduleSet.

A combination of one or more schedules. For example, there could be a system schedule set that contains working hours and holidays (using the exclude option).

Additional Information

To enable this type of schedule combining, notification rules and call handlers will refer to a ScheduleSet object and not a Schedule object directly.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The unique text name of this schedule set to be used when displaying entries in the administrative console and Cisco Personal Assistant.	DisplayName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.	ObjectID
	Owner_LocationObjectId	char (36 characters)	The owner of this schedule set. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule set (i.e., "system" schedule) belongs. Otherwise, this attribute is set to NULL.	ObjectID
	Owner_PersonalRuleSetObjectId	char (36 characters)	The owner of this schedule set. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule set belongs. Otherwise, this attribute is set to NULL.	ObjectID
	Owner_SubscriberObjectId	char (36 characters)	The owner of this schedule set. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule set belongs. Otherwise, this attribute is set to NULL.	ObjectID
	Undeleteable	smallint (2 bytes)	A flag indicating whether this schedule set can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool

Stored Procedures

Name	Description
csp_ScheduleSetCreate	Creates a new ScheduleSet object by inserting a new row into tbl_ScheduleSet. A ScheduleSet is a group of schedules.
csp_ScheduleSetDelete	Deletes a ScheduleSet object from tbl_ScheduleSet as specified by the @ObjectId parameter.
csp_ScheduleSetIsActive	Determines if a ScheduleSet is currently active. Returns a value of 1 in @IsActive if the ScheduleSet object specified by @ScheduleSetObjectId is found to be active.
csp_ScheduleSetModify	Updates the attributes of a ScheduleSet object based on the values passed in via the parameters. The @ObjectId parameter identifies the ScheduleSet object that is updated.

Column Properties

DisplayName

Property Name	Value
Description:	The unique text name of this schedule set to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Notes:	
Business Rules:	The name of the schedule set must be unique.
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleSet.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.

Property Name	Value
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleSet.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_LocationObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule set (i.e., "system" schedule) belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NU
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleSet.Owner_LocationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_PersonalRuleSetObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule set belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NU
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleSet.Owner_PersonalRuleSetObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule set belongs. Otherwise, this attribute is set to NULL.
Notes:	Only one Owner_*ObjectId column should contain a non-null value. All other Owner_*ObjectId columns should contain NU
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleSet.Owner_SubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeleteable

Property Name	Value
Description:	A flag indicating whether this schedule set can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	<p>This setting is used to prevent the deletion of factory defaults such as the "All Hours" schedule set included with every VMS.</p> <p>Values:</p> <p>0: The schedule set can be deleted by an administrator (with the required privilege).</p> <p>1: The schedule set cannot be deleted by an administrator.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleSet.Undeleteable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.162. vw_ScheduleSetMemberMap

A simple view for tbl_ScheduleSetMemberMap.
A mapping of a schedule to a schedule set.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Exclude	smallint (2 bytes)	A flag indicating whether the schedule is to be included or excluded from the schedule set.	Bool
PK	ScheduleObjectId	char (36 characters)	The unique identifier of the Schedule object that is a member of the schedule set.	ObjectID
PK	ScheduleSetObjectId	char (36 characters)	The unique identifier of the ScheduleSet object to which the schedule belongs.	ObjectID

Stored Procedures

Name	Description
csp_ScheduleSetMemberMapCreate	Creates a new ScheduleSetMemberMap object by inserting a new row into tbl_ScheduleSetMemberMap thereby assigning a Schedule to a particular ScheduleSet.
csp_ScheduleSetMemberMapDelete	Deletes a ScheduleSetMemberMap object from tbl_ScheduleSetMemberMap as specified by the @ScheduleObjectId and @ScheduleSetObjectId parameters.

Column Properties

Exclude

Property Name	Value
Description:	A flag indicating whether the schedule is to be included or excluded from the schedule set.
Notes:	Values: 0: Include 1: Exclude
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_ScheduleSetMemberMap.Exclude
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleObjectId

Property Name	Value
Description:	The unique identifier of the Schedule object that is a member of the schedule set.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleSetMemberMap.ScheduleObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object to which the schedule belongs.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_ScheduleSetMemberMap.ScheduleSetObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.163. vw_SchemaInformation

Simple view for tbl_SchemaInformation
The schema version for the database.

Additional Information

This table will contain a history of all upgrades.

This table does not have any constraints. Data will be inserted into the table before constraints become active.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	Build	int (4 bytes)	The schema build version.	
PK	CreationTime	datetime (8 bytes)	The date and time when the record was created.	
	IsCurrent	smallint (2 bytes)	The current product version.	
PK	Major	int (4 bytes)	The major version of the schema.	
PK	Minor	int (4 bytes)	The minor version of the schema.	
	Product	varchar (32 characters)	The product version.	

Stored Procedures

vw_SchemaInformation has no stored procedures.

Column Properties

Build

Property Name	Value
Description:	The schema build version.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SchemaInformation.Build
Primary Key:	True
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time when the record was created.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SchemaInformation.CreationTime
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsCurrent

Property Name	Value
Description:	The current product version.
Notes:	The currently installed version is indicated by the row that has this column set to 1.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SchemaInformation.IsCurrent

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Major

Property Name	Value
Description:	The major version of the schema.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SchemaInformation.Major
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Minor

Property Name	Value
Description:	The minor version of the schema.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SchemaInformation.Minor
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Product

Property Name	Value
Description:	The product version.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SchemaInformation.Product
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (32 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.164. vw_ScopeDistributionListMember

Internal use only.

Additional Information

Flattened out list of DL members for use by Directory Handlers with DList scope.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DistributionListObjectId	char (36 characters)	The unique identifier of the DistributionList object to which this distribution list member belongs.	ObjectID
	MemberContactObjectId	char (36 characters)	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise this attribute is set to NULL.	ObjectID
	MemberUserObjectId	char (36 characters)	The member of this distribution list. If the member is a user, the unique identifier of the User object that is a member of the distribution list. Otherwise, this attribute is set to NULL.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.	ObjectID

Stored Procedures

Name	Description
csp_DistributionListMemberCreate	Adds a member (user or another distribution list) to the specified DistributionList. Creates a new DistributionListMember object by inserting a new row into tbl_DistributionListMember.
csp_DistributionListMemberDelete	Deletes a DistributionListMember object from tbl_DistributionListMember as specified by the @ObjectId parameter.

Column Properties

DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this distribution list member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.DistributionListObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberContactObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.MemberContactObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MemberUserObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is a user, the unique identifier of the User object that is a member of the distribution list. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	One of the Member* columns must have a non-NULL value while the remaining Member* columns must contain NULL.
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.MemberUserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.
Notes:	Surrogate key for this table to facilitate membership links to more than one thing.
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_DistributionListMember.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

5.165. vw_Service

Simple view for tbl_Service
A process run as a service.

Additional Information

This table is used to keep track of the services that will be running, including the process name and information about the trace file used for the process.

Currently only used by the logging subsystem.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AlarmCatalogId	varchar (254 characters)	Alarm catalog file name.	
	DefaultMaxTraceFileNumber	int (4 bytes)	The default value for the "MaxTraceFileNumber" column, the maximum number of trace files for this process.	
	DefaultMaxTraceFileSize	int (4 bytes)	The default value for the "MaxTraceFileSize" column, the maximum size of the trace file for this process (in MB).	
	DefaultMaxTraceStatementsPerFile	int (4 bytes)	The default value for the "MaxTraceStatementsPerFile" column, maximum number of trace statements per file.	
	Description	lvarchar (256 characters)	Description of the service.	
	DisplayName	nvarchar (64 characters)	Unitue text name of the service for display purposes.	DisplayName
	MaxTraceFileNumber	int (4 bytes)	Maximum number of trace files for this process.	
	MaxTraceFileSize	int (4 bytes)	Maximum size of the trace file for this process (in MB).	
	MaxTraceStatementsPerFile	int (4 bytes)	Maximum number of trace statements per file.	
PK	ObjectId	char (36 characters)	Unique identifier for this service.	ObjectID
	ProcessName	varchar (254 characters)	Name of process.	

Stored Procedures

Name	Description
csp_ServiceModify	Updates the attributes of a Service object based on the values passed in via the parameters. The @ObjectId parameter identifies the Service object that is updated.

Column Properties

AlarmCatalogId

Property Name	Value
Description:	Alarm catalog file name.
Notes:	
Business Rules:	A value of NULL indicates that the default catalog name from configuration data should be used.
Developer Notes:	
Table/Column Mapping:	tbl_Service.AlarmCatalogId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultMaxTraceFileNumber

Property Name	Value
Description:	The default value for the "MaxTraceFileNumber" column, the maximum number of trace files for this process.
Notes:	This is used to reset "MaxTraceFileNumber" to its default value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Service.DefaultMaxTraceFileNumber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultMaxTraceFileSize

Property Name	Value
Description:	The default value for the "MaxTraceFileSize" column, the maximum size of the trace file for this process (in MB).
Notes:	This is used to reset "MaxTraceFileSize" to its default value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Service.DefaultMaxTraceFileSize
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultMaxTraceStatementsPerFile

Property Name	Value
Description:	The default value for the "MaxTraceStatementsPerFile" column, maximum number of trace statements per file.
Notes:	This is used to reset "MaxTraceStatementsPerFile" to its default value.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Service.DefaultMaxTraceStatementsPerFile
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Description

Property Name	Value
Description:	Description of the service.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Service.Description
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	Unitue text name of the service for display purposes.
Notes:	
Business Rules:	DisplayName must be unique.
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_Service.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxTraceFileNumber

Property Name	Value
Description:	Maximum number of trace files for this process.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Service.MaxTraceFileNumber
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxTraceFileSize

Property Name	Value
Description:	Maximum size of the trace file for this process (in MB).

Property Name	Value
Notes:	Ignored if MaxTraceStatementsPerFile is set.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Service.MaxTraceFileSize
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxTraceStatementsPerFile

Property Name	Value
Description:	Maximum number of trace statements per file.
Notes:	If this is set to a non-zero value, it overrides MaxTraceFileSize, since only one may be used.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Service.MaxTraceStatementsPerFile
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Unique identifier for this service.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Service.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ProcessName

Property Name	Value
Description:	Name of process.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Service.ProcessName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	254 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.166. vw_SMPPProvider

A simple view for tbl_SMPPProvider.

A provider of Short Message Peer-To-Peer services that has been configured within Cisco Unity Connection to provide message notification for subscribers with a Short Message Service (SMS) capable device.

Additional Information

This table contains the configuration data for a SMPP (Short Message Peer-To-Peer) Provider. Configuration data for providers created by both administrator (via Cisco Unity Connection Administration) and subscriber (via CPCA) are contained here.

The Short Message Peer to Peer (SMPP) protocol is an open industry standard messaging protocol designed to simplify integration of data applications with wireless mobile networks such as GSM, TDMA, CDMA and PDC. The protocol is widely deployed in the mobile telecommunications industry. The SMPP protocol specification is freely available from www.smpp.org.

Glossary:

- * ESME - External Short Message Entity. An application communicating with SMSC
- * GSM - Global System for Mobile communication. Originally known as "Groupe de travail Spéciale pour les services Mobiles". A standard for digital cellular communications (in the process of being) adopted by over 60 countries. The GSM standard is currently used in the 900 MHz and 1800 MHz bands.
- * SME - Short Message Entity.
- * SMS - Short Message Service. A message service offered by the Global System for Mobile communication (GSM) digital cellular telephone system. Using SMS, a short alphanumeric message (160 alphanumeric characters) can be sent to a mobile phone to be displayed there, much like in an alphanumeric paging system. SMS is a store and forward service where a short message is sent via a Short Message Service Center (SMSC). The message is buffered by the GSM network until the phone becomes active.
- * SMSC - Short Message Service Center. The home of the SMPP server.

The SMPPProviderObjectId is referenced by a subscriber's SMS notification device in the NotificationDevice table.

The size of some of the columns includes a NULL terminator character. For example, source_addr has a length of 65 and a maximum length constraint of 64. The 1 character difference is to account for the NULL terminator character.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	addr_npi	smallint (2 bytes)	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	Numbering-PlanIdentity
	addr_ton	smallint (2 bytes)	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	TypeOfNumber
	address_range	nvarchar (41 characters)	A set of addresses or a single address the SMPP server uses to communicate with the Cisco Unity Connection server.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	data_coding	smallint (2 bytes)	The character set that each SMS message will be converted to when the messages are sent to the SMS device.	DataCoding
	dest_addr_npi	smallint (2 bytes)	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	Numbering-PlanIdentity
	dest_addr_ton	smallint (2 bytes)	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	TypeOfNumber
	destination_addr	nvarchar (65 characters)	The destination address of this short message.	
	esm_class	int (4 bytes)	The special message attributes (Message Mode and Message Type) associated with the short message.	
	interface_version	int (4 bytes)	The version of the SMPP protocol (e.g., v3.3 or v3.4) that the SMPP server uses to communicate with ESMEs like Cisco Unity Connection.	
	IsEnabled	smallint (2 bytes)	A flag indicating whether the SMPP is enabled and available to all applicable subscribers to use for SMS (SMPP) message notifications.	Bool
	local_addr	nvarchar (65 characters)	The IP address or hostname.	
	local_port	int (4 bytes)	The port number.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system generated identifier for a SMPP Provider object.	ObjectID
	Owner_LocationObjectId	char (36 characters)	The owner of this SMPP provider. If the owner is the system, the unique identifier of the LocationVMS object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.	ObjectID
	Owner_SubscriberObjectId	char (36 characters)	The owner of this SMPP provider. If the owner is a subscriber, the unique identifier of the Subscriber object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.	ObjectID
	password	nvarchar (9 characters)	The password (as provided by the service provider) Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.	
	priority_flag	smallint (2 bytes)	The priority level of the message.	SMSPriority-Flag
	protocol_id	int (4 bytes)	The protocol identifier.	
	registered_delivery	int (4 bytes)	Whether an SMSC delivery receipt or an SME acknowledgment is required.	
	remote_addr	nvarchar (65 characters)	The IP address or host name of the SMPP server at the SMSC.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	remote_port	int (4 bytes)	The port used by the SMPP server to connect to an ESME like Cisco Unity Connection.	
	replace_if_present_flag	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection can request the SMSC to replace a previously submitted message, that is still pending delivery. The SMSC will replace an existing message provided that the source address, destination address and service_type match the same fields in the new message.	Bool
	schedule_delivery_time	nvarchar (17 characters)	The time the short message is scheduled by the SMSC for delivery. Set to NULL for immediate message delivery.	
	service_type	nvarchar (6 characters)	The SMS Application service associated with the message.	
	sm_default_msg_id	int (4 bytes)	The short message to send from a list of predefined short messages stored in the SMSC.	
	source_addr	nvarchar (65 characters)	The IP address or hostname of the SME which originated this message.	
	source_addr_npi	smallint (2 bytes)	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	Numbering-PlanIdentity
	source_addr_ton	smallint (2 bytes)	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.	TypeOfNumber
	system_id	nvarchar (16 characters)	The name or system ID that Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.	
	system_type	nvarchar (13 characters)	The type of ESME that is communicating with the SMPP server at the SMSC. For example, an application like Cisco Unity Connection may be categorized as a "VMS" (voice mail system).	
	TextName	nvarchar (128 characters)	The unique text name of the SMPP Provider that represents the service provider in Cisco Unity Connection applications and is used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	
	validity_period	nvarchar (17 characters)	The SMSC expiration time, after which the message should be discarded if not delivered to the destination.	

Stored Procedures

Name	Description
csp_SMPPProviderCreate	Creates a new SMPPProvider object, by inserting a new row into tbl_SMPPProvider. A SMPPProvider object contains the configuration data for a Short Message Peer-To-Peer Provider in tbl_SMPPProvider.
csp_SMPPProviderDelete	Deletes a SMPPProvider object from tbl_SMPPProvider as specified by the @ObjectId parameter.
csp_SMPPProviderModify	Updates the attributes of a SMPPProvider object based on the values passed in via the parameters. The @ObjectId parameter identifies the SMPPProvider object that is updated.

Column Properties

addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	<p>Corresponds to the "addr_npi" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>The addr_ton and addr_npi values tell the SMSC how to interpret the address found in the address_range field.</p> <p>Values:</p> <ul style="list-style-type: none"> 0: Unknown 1: ISDN (E163/E164) 10: ERMES (European Radio Messaging System) 14: Internet (IP) 18: WAP (Wireless Application Protocol) Client ID 3: Data (X.121.) 4: Telex (F.69) 6: Land Mobile (E.212) 8: National 9: Private
Business Rules:	Set to zero if unknown.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.addr_npi
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	NumberingPlanIdentity
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	<p>Corresponds to the "addr_ton" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>The addr_ton and addr_npi values tell the SMSC how to interpret the address found in the address_range field.</p> <p>Values: 0: Unknown. 1: International. 2: National. 3: Network specific. 4: Subscriber number. 5: Alphanumeric. 6: Abbreviated.</p>
Business Rules:	Set to zero if unknown.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.addr_ton
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TypeOfNumber
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

address_range

Property Name	Value
Description:	A set of addresses or a single address the SMPP server uses to communicate with the Cisco Unity Connection server.
Notes:	<p>Corresponds to the "address_range" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>The address_range parameter is used in the bind_receiver and bind_transceiver command to specify a set of SME addresses serviced by the ESME client. A single SME address may also be specified in the address_range parameter. Messages addressed to any destination in this range shall be routed to the ESME.</p> <p>IPv6 is not supported in version 3.4 of the SMPP Protocol.</p>
Business Rules:	<ul style="list-style-type: none"> * If a provider does not require an address, set to NULL. * It is only possible to specify a single IP address. A range of IP addresses is not allowed.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.address_range
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (41 characters)
Validation - Expression:	^[\x20-\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

data_coding

Property Name	Value
Description:	The character set that each SMS message will be converted to when the messages are sent to the SMS device.

Property Name	Value
Notes:	<p>Corresponds to the "data_coding" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>For multilingual systems, consider creating a separate SMPP provider for each character set that will be offered to subscribers.</p> <p>Values:</p> <p>0: Default Alphabet</p> <p>1: IA5/ASCII - 7-bit (Windows code page 20127 or 20105)</p> <p>14: Korean (KS C 5601) - 16-bit (Windows code page 1361 or 949). Multi-bit character set: most characters are 16 bit; some are 8 bit.</p> <p>3: Latin1 (ISO-8859-1) - 8-bit (Windows code page 28591 or 1252)</p> <p>5: Japanese (JIS) - 16-bit (Windows code page 20932 or 932). Multi-bit character set: most characters are 16 bit; some are 8 bit.</p> <p>6: Cyrillic (ISO-8859-5) - 8-bit (Windows code page 28595 or 1251).</p> <p>7: Latin/Hebrew (ISO-8859-8) - 8-bit (Windows code page 28598 or 1255).</p> <p>8: Unicode (USC2) - 16-bit.</p>
Business Rules:	If the provider does not specify a value, set to zero.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.data_coding
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	DataCoding
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

dest_addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.

Property Name	Value
Notes:	Corresponds to the "dest_addr_npi" parameter as specified in version 3.4 of the SMPP Protocol Specification. Values: 0: Unknown 1: ISDN (E163/E164) 10: ERMES (European Radio Messaging System) 14: Internet (IP) 18: WAP (Wireless Application Protocol) Client ID 3: Data (X.121.) 4: Telex (F.69) 6: Land Mobile (E.212) 8: National 9: Private
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.dest_addr_npi
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	NumberingPlanIdentity
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

dest_addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.

Property Name	Value
Notes:	Corresponds to the "dest_addr_ton" parameter as specified in version 3.4 of the SMPP Protocol Specification. Values: 0: Unknown. 1: International. 2: National. 3: Network specific. 4: Subscriber number. 5: Alphanumeric. 6: Abbreviated.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.dest_addr_ton
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TypeOfNumber
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

destination_addr

Property Name	Value
Description:	The destination address of this short message.
Notes:	Corresponds to the "destination_addr" parameter as specified in version 3.4 of the SMPP Protocol Specification. For mobile terminated messages, this is the directory number of the recipient MS. An IP address is specified in "aaa.bbb.ccc.ddd" notation. IPv6 is not supported in version 3.4 of the SMPP.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.destination_addr
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	
SQL Data Type/Length:	nvarchar (65 characters)
Validation - Expression:	^[\x20-\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

esm_class

Property Name	Value
Description:	The special message attributes (Message Mode and Message Type) associated with the short message.
Notes:	<p>Corresponds to the "esm_class" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>Although several Message Modes and Message Types are defined in the SMPP Protocol, Cisco Unity Connection currently only supports the Default SMSC Mode (e.g., store and forward) and Default Message Type (i.e., normal message).</p>
Business Rules:	
Developer Notes:	<p>Cisco Unity Connection default setting is zero, which specifies:</p> <ul style="list-style-type: none"> * Message Mode: Default SMSC Message Mode (e.g., Store and Forward) * Message Type: Default Message Type (i.e., normal message) <p>This field is not currently exposed in Unity 4.x SA.</p>
Table/Column Mapping:	tbl_SMPPProvider.esm_class
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	255

interface_version

Property Name	Value
Description:	The version of the SMPP protocol (e.g., v3.3 or v3.4) that the SMPP server uses to communicate with ESMEs like Cisco Unity Connection.
Notes:	<p>Corresponds to the "interface_version" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>The following interface version values are defined: 51: (0x33) Indicates that the EMSE supports version 3.3 or earlier of the SMPP protocol: 52: (0x34) Indicates that the ESME is supporting SMPP version 3.4:</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.interface_version
Primary Key:	False
Allow Null:	False
Default Value:	52
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	255

IsEnabled

Property Name	Value
Description:	A flag indicating whether the SMPP is enabled and available to all applicable subscribers to use for SMS (SMPP) message notifications.
Notes:	<p>Values:</p> <p>0: Disabled. SMPP Provider is not available for use by subscribers.</p> <p>1: Enabled. SMPP Provider is available to all applicable subscribers to use for SMS (SMPP) message notifications.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.IsEnabled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

local_addr

Property Name	Value
Description:	The IP address or hostname.
Notes:	An IP address is specified in "aaa.bbb.ccc.ddd" notation. IPv6 is not supported in version 3.4 of the SMPP.
Business Rules:	
Developer Notes:	Cisco Unity Connection default setting is NULL. This field is not currently exposed in Unity 4.x SA.
Table/Column Mapping:	tbl_SMPPProvider.local_addr
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (65 characters)
Validation - Expression:	^[\\x20-\\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

local_port

Property Name	Value
Description:	The port number.
Notes:	
Business Rules:	
Developer Notes:	Cisco Unity Connection default setting is zero. This field is not currently exposed in Unity 4.x SA.
Table/Column Mapping:	tbl_SMPPProvider.local_port
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	9999

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system generated identifier for a SMPP Provider object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_LocationObjectId

Property Name	Value
Description:	The owner of this SMPP provider. If the owner is the system, the unique identifier of the LocationVMS object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.

Property Name	Value
Notes:	
Business Rules:	Either Owner_LocationObjectId or Owner_SubscriberObjectId, but not both, need to be non NULL.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.Owner_LocationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this SMPP provider. If the owner is a subscriber, the unique identifier of the Subscriber object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	Either Owner_LocationObjectId or Owner_SubscriberObjectId, but not both, need to be non NULL. A user or subscriber template cannot be the owner of a SMPPProvider.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.Owner_SubscriberObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

password

Property Name	Value
Description:	The password (as provided by the service provider) Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Notes:	<p>Corresponds to the "password" parameter as defined in version 3.4 of the SMPP Protocol Specification.</p> <p>The password parameter is used by the SMSC to authenticate the identity of the binding ESME. The Service Provider may require ESME's to provide a password when binding to the SMSC. This password is normally issued by the SMSC system administrator. The password parameter may also be used by the ESME to authenticate the identity of the binding SMSC (e.g. in the case of the outbind operation).</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.password
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (9 characters)
Validation - Expression:	^[\x20-\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	8 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

priority_flag

Property Name	Value
Description:	The priority level of the message.

Property Name	Value
Notes:	<p>Corresponds to the "priority_flag" parameter in version 3.4 of the SMPP Protocol Specification. Allows the originating SME to assign a priority level to the short message.</p> <p>These priority levels are applied in different networks as follows:</p> <ul style="list-style-type: none"> * Priority Level GSMa: For GSM mobile terminated, messages with priority greater than Level 0 are treated as priority when making a delivery attempt (i.e. a delivery attempt is made even when MWD is set in the HLR). <p>Cisco Unity Connection currently only supports Level 0 priority.</p> <p>Values:</p> <ul style="list-style-type: none"> 0: Level 0 (lowest) priority. 1: Level 1 priority. 2: Level 2 priority. 3: Level 3 (highest) priority.
Business Rules:	
Developer Notes:	Cisco Unity Connection default setting is zero. This field is not currently exposed in Unity 4.x SA.
Table/Column Mapping:	tbl_SMPPProvider.priority_flag
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	SMSPriorityFlag
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

protocol_id

Property Name	Value
Description:	The protocol identifier.
Notes:	<p>Corresponds to the "protocol_id" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>Network specific field:</p> <ul style="list-style-type: none"> * GSM: Set according to GSM 03.40 [GSM 03.40] * ANSI-136 (TDMA): For mobile terminated messages, this field is not used and is therefore ignored by the SMSC. For ANSI-136 mobile originated messages, the SMSC should set this value to NULL. * IS-95 (CDMA): For mobile terminated messages, this field is not used and is therefore ignored by the SMSC. For IS-95 mobile originated messages, the SMSC should set this value to NULL.

Property Name	Value
Business Rules:	
Developer Notes:	Cisco Unity Connection default setting is zero. This field is not currently exposed in Unity 4.x SA.
Table/Column Mapping:	tbl_SMPPProvider.protocol_id
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	255

registered_delivery

Property Name	Value
Description:	Whether an SMSC delivery receipt or an SME acknowledgment is required.
Notes:	<p>Corresponds to the "registered_delivery" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>Cisco Unity Connection default setting for this field is zero, which specifies:</p> <ul style="list-style-type: none"> * No SMSC delivery receipt requested * No recipient SME acknowledgement requested * No Intermediate notification requested
Business Rules:	
Developer Notes:	This field is not currently exposed in Unity 4.x SA.
Table/Column Mapping:	tbl_SMPPProvider.registered_delivery
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	255

remote_addr

Property Name	Value
Description:	The IP address or host name of the SMPP server at the SMSC.
Notes:	An IP address is specified in "aaa.bbb.ccc.ddd" notation. IPv6 is not supported in version 3.4 of the SMPP.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.remote_addr
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (65 characters)
Validation - Expression:	^[x20-\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

remote_port

Property Name	Value
Description:	The port used by the SMPP server to connect to an ESME like Cisco Unity Connection.
Notes:	When the Cisco Unity Connection server is set up behind a firewall, the TCP port must be configured to allow incoming and outgoing communication between Cisco Unity Connection and the SMPP server.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.remote_port
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0

Property Name	Value
Validation - Maximum Value:	9999

replace_if_present_flag

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection can request the SMSC to replace a previously submitted message, that is still pending delivery. The SMSC will replace an existing message provided that the source address, destination address and service_type match the same fields in the new message.
Notes:	Corresponds to the "replace_if_present_flag" parameter as specified in version 3.4 of the SMPP Protocol Specification. Values: 0: Do not replace 1: Replace existing message with submitted message
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.replace_if_present_flag
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

schedule_delivery_time

Property Name	Value
Description:	The time the short message is scheduled by the SMSC for delivery. Set to NULL for immediate message delivery.
Notes:	Corresponds to the "schedule_delivery_time" parameter as specified in version 3.4 of the SMPP Protocol Specification.
Business Rules:	
Developer Notes:	Cisco Unity Connection default setting is NULL. This field is not currently exposed in Unity 4.x SA.

Property Name	Value
Table/Column Mapping:	tbl_SMPPProvider.schedule_delivery_time
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (17 characters)
Validation - Expression:	^[\\x20-\\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

service_type

Property Name	Value
Description:	The SMS Application service associated with the message.
Notes:	<p>Corresponds to the "service_type" parameter as specified in version 3.4 of the SMPP Protocol Specification.</p> <p>Specifying the "service_type" allows an ESME such as Cisco Unity Connection to do the following:</p> <ul style="list-style-type: none"> * Use enhanced messaging services such as the replace previous notification option * Control the teleservice used on the air interface <p>SMSC's may implicitly associate a "replace if present" function from the indicated service_type in a message submission operation, i.e., the SMSC will always replace an existing message pending delivery, that has the same originating and destination address as the submitted message. For example, an SMSC can ensure that a Voice Mail System using a service_type of "VMA" has at most one outstanding notification per destination MS by automatically invoking the "replace if present" function.</p> <p>The following generic service types are defined:</p> <ul style="list-style-type: none"> * NULL - None * CMT - Cellular Messaging * CPT - Cellular Paging * VMN - Voice Mail Notification * VMA - Voice Mail Alerting * WAP - Wireless Application Protocol * USSD - Unstructured Supplementary Services Data <p>All other values are carrier specific and are defined by mutual agreement between the SMSC Service Provider and the ESME application.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.service_type
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (6 characters)
Validation - Expression:	^[\x20-\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	5 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

sm_default_msg_id

Property Name	Value
Description:	The short message to send from a list of predefined short messages stored in the SMSC.
Notes:	Corresponds to the "sm_default_msg_id" parameter as specified in version 3.4 of the SMPP Protocol Specification.
Business Rules:	If not using a predefined SMSC short message, set to zero.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.sm_default_msg_id
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	255

source_addr

Property Name	Value
Description:	The IP address or hostname of the SME which originated this message.

Property Name	Value
Notes:	<p>Corresponds to the "source_addr" parameter as defined in version 3.4 of the SMPP Protocol Specification.</p> <p>An ESME which is implemented as a single SME address, may set this column to NULL to allow the SMSC to default the source address of the submitted message.</p> <p>An IP address is specified in "aaa.bbb.ccc.ddd" notation. IPv6 is not supported in version 3.4 of the SMPP.</p>
Business Rules:	If unknown, set to NULL.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.source_addr
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (65 characters)
Validation - Expression:	^[^x20-^x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

source_addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	<p>Corresponds to the "source_addr_npi" parameter as defined in version 3.4 of the SMPP Protocol Specification.</p> <p>Values:</p> <ul style="list-style-type: none"> 0: Unknown 1: ISDN (E163/E164) 10: ERMES (European Radio Messaging System) 14: Internet (IP) 18: WAP (Wireless Application Protocol) Client ID 3: Data (X.121.) 4: Telex (F.69) 6: Land Mobile (E.212) 8: National 9: Private
Business Rules:	If unknown, set to zero.
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_SMPPProvider.source_addr_npi
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	NumberingPlanIdentity
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

source_addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	Corresponds to the "source_addr_ton" parameter in version 3.4 of the SMPP Protocol Specification. Values: 0: Unknown. 1: International. 2: National. 3: Network specific. 4: Subscriber number. 5: Alphanumeric. 6: Abbreviated.
Business Rules:	If unknown, set to zero.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.source_addr_ton
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TypeOfNumber
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

system_id

Property Name	Value
Description:	The name or system ID that Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Notes:	Corresponds to the "system_id" parameter in version 3.4 of the SMPP Protocol Specification. The system_id parameter is used to identify an ESME or an SMSC at bind time. An ESME system_id identifies the ESME or ESME agent to the SMSC. The SMSC system_id provides an identification of the SMSC to the ESME.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.system_id
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (16 characters)
Validation - Expression:	^[\\x20-\\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	15 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

system_type

Property Name	Value
Description:	The type of ESME that is communicating with the SMPP server at the SMSC. For example, an application like Cisco Unity Connection may be categorized as a "VMS" (voice mail system).

Property Name	Value
Notes:	<p>Corresponds to the "system_type" parameter in version 3.4 of the SMPP Protocol Specification.</p> <p>The system_type parameter is used to categorize the type of ESME that is binding to the SMSC. Examples include "VMS" (voice mail system), "OTA" (over-the-air activation system), and "EMAIL" (email system). Specification of the system_type is optional - some SMSC's may not require ESME's to provide this detail. In this case, the ESME can set the system_type to NULL.</p>
Business Rules:	This field is case-sensitive. Check the SMPP configuration documentation from your service provider for the correct capitalization.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.system_type
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (13 characters)
Validation - Expression:	^[^x20-x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	12 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TextName

Property Name	Value
Description:	The unique text name of the SMPP Provider that represents the service provider in Cisco Unity Connection applications and is used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The name you enter here will be listed on the Provider SMPP lists displayed on the SMS (SMPP) Message Notification pages for templates and individual subscribers in the Cisco Unity Connection Administration, as well as in the Cisco Unity Assistant.
Business Rules:	The text name must be unique.
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.TextName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^x00-x1F\x7F]*\$

Property Name	Value
Validation - Description:	Any character (ASCII or Unicode).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

validity_period

Property Name	Value
Description:	The SMSC expiration time, after which the message should be discarded if not delivered to the destination.
Notes:	<p>Corresponds to the "validity_period" parameter in version 3.4 of the SMPP Protocol Specification.</p> <p>The validity_period can be defined in absolute time format or relative time format. The encoding of absolute and relative time format is:</p> <ul style="list-style-type: none"> * Absolute time format. This is the default format used by SMPP. Scheduled delivery times and expiry times are specified in their global UTC format, including the quarter hour offset and direction symbol '+' or '-'. * Relative time format. Relative Time can be indicated by setting the UTC orientation flag to 'R' instead of '+' or '-'. In this form, the SMSC interprets the time format as the number of years, months, days, hours, minutes and seconds from the current SMSC time. Values for tenths of seconds 't' and UTC offset 'nn' are ignored and should be set to '0' and '00' respectively. <p>For example, the following time format "020610233429000R" would be interpreted as a relative period of 2 years, 6 months, 10 days, 23 hours, 34 minutes and 29 seconds from the current SMSC time.</p> <p>Set to NULL to request the SMSC default validity period.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SMPPProvider.validity_period
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (17 characters)
Validation - Expression:	^[\\x20-\\x7E]*\$
Validation - Description:	Any ASCII character, except non-printing characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

5.167. vw_SmtpAddress

A simple view for tbl_Alias. Provides a list of addressable SMTP addresses including distribution lists, users, and proxy addresses in this VMS.

A unique text name for addressable objects: Users, Contacts, DistributionLists, PersonalGroups.

Additional Information

Note that even users without associated mailboxes are returned with this view.

This gives us a way to ensure that all Aliases are unique within a location.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	IsPrimary	smallint (2 bytes)	A flag indicating whether this is a primary alias. Typically used for a user.	Bool
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this alias belongs.	ObjectID
	Object_ContactObjectId	char (36 characters)	The object to which this alias pertains. If the alias is for a Contact, the unique identifier of the Contact object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
	Object_DistributionListObjectId	char (36 characters)	The object to which this alias pertains. If the alias is for a distribution list, the unique identifier of the DistributionList object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
	Object_PersonalGroupObjectId	char (36 characters)	The object to which this alias pertains. If the alias is for a personal group, the unique identifier of the PersonalGroup object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
	Object_UserObjectId	char (36 characters)	The object to which this alias pertains. If the alias is for a user, the unique identifier of the User object to which this alias refers. Otherwise, this attribute is set to NULL.	ObjectID
	SmtpAddress	lvarchar (320 characters)	The full SMTP address for this object.	SmtpAddress

Stored Procedures

vw_SmtpAddress has no stored procedures.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a primary alias. Typically used for a user.
Notes:	Values: 0: Not primary alias 1: Is primary alias
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Alias.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this alias belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Alias.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_ContactObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a Contact, the unique identifier of the Contact object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	Only one Object_ *ObjectId column should contain a non-null value. All other Object_ *ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Object_ContactObjectId
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_DistributionListObjectld

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a distribution list, the unique identifier of the DistributionList object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	Only one Object_*Objectld column should contain a non-null value. All other Object_*Objectld columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Object_DistributionListObjectld
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_PersonalGroupObjectld

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a personal group, the unique identifier of the PersonalGroup object to which this alias refers. Otherwise, this attribute is set to NULL.

Property Name	Value
Notes:	Only one Object_*ObjectId column should contain a non-null value. All other Object_*ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	Personal groups get generated Alias values.
Table/Column Mapping:	tbl_Alias.Object_PersonalGroupObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Object_UserObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a user, the unique identifier of the User object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	Only one Object_*ObjectId column should contain a non-null value. All other Object_*ObjectId columns should contain NULL.
Business Rules:	Only one of the Object_xxx columns will have a value.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Object_UserObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtpAddress

Property Name	Value
Description:	The full SMTP address for this object.
Notes:	<p>For performance, we store the SMTP address which for users, contacts, and DLs is a combination of Alias (or MailName if Alias is non-ASCII such as in the case where Alias is in Japanese) and the Location.SmtpDomain associated to which this Alias object belongs.</p> <p>The SmtpAddress for a PersonalGroup is formed differently: <UserAlias> + '_' + 'List' + '_' + <NumericId> + '@' + <Domain>. For example, if JSmith creates a PersonalGroup with NumericId of 1, the SmtpAddress would be: JSmith_List_1@cisco.com</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Alias.SmtpAddress
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	SmtpAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	^([\\w\\-!#\$%&'*/+=?^\\{\\} ~]+(\\.)?[\\w\\-!#\$%&'*/+=?^\\{\\} ~]+)*@(((a-zA-Z)(\\-a-zA-Z\\d)*[a-zA-Z\\d]?\\.)+([a-zA-Z\\d])+)\\\$
Validation - Description:	<p>SMTP Address= Local-Part '@' Domain Name where Local-Part (Max size : 64)</p> <ul style="list-style-type: none"> * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character '.' is allowed but it cannot be the first or last character in the local-part. Also there cannot be consecutive periods. For example: a..b@c is invalid. <p><domain> ::= <subdomain> " " <subdomain> ::= <label> <subdomain> "." <label> <label> ::= <letter> [[<ldh-str>] <let-dig>] <ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str> <let-dig-hyp> ::= <let-dig> "-" label must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.</p>
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.168. vw_SmtpServer

Simple view for tbl_SmtpServer table.

A Simple Mail Transport Protocol (SMTP) service. In Unity Connection, the SMTP server is used to send outbound SMTP notifications and send/receive VPIM messages to/from other messaging systems such as Cisco Unity.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The human readable text name of the SMTP server to be used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.	
	DomainName	varchar (255 characters)	An internet-addressable SMTP domain name identifying the SMTP domain that this SMTP server services.	DomainName
	IsDefault	smallint (2 bytes)	Specifies if this is the default smtp server for this location. There can only be one default at a time. If a smtp server is set to default value 1, all other servers must be set value 0.	Bool
	IsEnabled	smallint (2 bytes)	A flag indicating whether this SMTP server is active or not. Values: 0: Not active. 1: Active	Bool
	LimitConnections	smallint (2 bytes)	A flag indicating whether the SMTP server shall limit the number of simultaneous connections. This applies to both incoming and outgoing connections. Values: 0: No limit on number of connections. 1: The maximum number of connections is limited to the value contained in ?MaxNumberConnections.?	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	LimitMessageSize	smallint (2 bytes)	A flag indicating whether the SMTP server shall limit the size of an incoming message. Values: 0: No message size limit 1: Incoming message size is limited by the value contained in ?MaxMessageSize.?	Bool
	LimitMessagesSession	smallint (2 bytes)	A flag indicating whether the SMTP server shall limit the number of incoming messages per SMTP session. Values: 0: No limit on the number of messages per SMTP session 1: The number of outgoing messages per SMTP session are limited by the value contained in ?MaxNumberMessagesSession	Bool
	LimitRecipients	smallint (2 bytes)	A flag indicating whether the SMTP sever shall limit the number of recipients for both incoming and outgoing messages. Values: 0: No limit on the number of recipients 1: The number of recipients for both incoming and outgoing messages is limited by the value contained in ?MaxNumberRecipients.?	Bool
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this SMTP server belongs. All Unity Connection SMTP servers belong to the LocationVMS. A Foreign Key to tbl_LocationVMS.ObjectId.	ObjectID
	MailRootDirectory	nvarchar (255 characters)	The root directory for mail for the SMTP server.	
	MaxMessageSizeKb	int (4 bytes)	The maximum size (in KBytes) of an incoming message. If a message exceeds this value, the message is rejected, and an NDR is sent to the sender.	
	MaxNumberConnections	int (4 bytes)	The maximum number of simultaneous connections for both incoming and outgoing connections.	
	MaxNumberMessagesSession	int (4 bytes)	The maximum number of incoming messages per SMTP session.	
	MaxNumberRecipients	int (4 bytes)	The maximum number of recipients (i.e., addresses) for both incoming and outgoing messages. For an incoming message, if the number of recipients exceeds this value, the message is rejected. For an outgoing message, if the number of recipients exceeds this value, the message will be sent to the maximum number of recipients, and then another copy of the message is sent to the remaining recipients.	

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a SMTPServer object.	ObjectID
	Port	int (4 bytes)	The TCP/IP port number on which the SMTP server listens.	

Stored Procedures

Name	Description
csp_SmtpServerCreate	Creates an entry for an SMTP server that exists at this location.
csp_SmtpServerDelete	Deletes an SMTP server entry for this location.
csp_SmtpServerModify	Modifies an entry for an SMTP server that exists at this location.

Column Properties

DisplayName

Property Name	Value
Description:	The human readable text name of the SMTP server to be used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DomainName

Property Name	Value
Description:	An internet-addressable SMTP domain name identifying the SMTP domain that this SMTP server services.
Notes:	<p>The syntax specification for this column is based on RFC 1035 (Domain Names - Implementation and Specification) and RFC 2282 (Internet Message Format). The syntax allows "host name" and FQDN as valid domain name.</p> <p>Syntax Specification: Domain Name (Max size : 255)</p> <pre><domain> ::= <subdomain> " " <subdomain> ::= <label> <subdomain> "." <label> <label> ::= <letter> [[<ldh-str>] <let-dig>] <ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str> <let-dig-hyp> ::= <let-dig> "-"</pre> <p>The labels must follow the rules for ARPANET host names. They must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.DomainName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DomainName
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	^([a-zA-Z](\[a-zA-Z\]*[a-zA-Z\d])?.)+([a-zA-Z\d])+&
Validation - Description:	<pre><domain> ::= <subdomain> " " <subdomain> ::= <label> <subdomain> "." <label> <label> ::= <letter> [[<ldh-str>] <let-dig>] <ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str> <let-dig-hyp> ::= <let-dig> "-"</pre> <p>The labels must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.</p>
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsDefault

Property Name	Value
Description:	Specifies if this is the default smtp server for this location. There can only be one default at a time. If a smtp server is set to default value 1, all other servers must be set value 0.
Notes:	
Business Rules:	
Developer Notes:	This is used to help generate vw_IpAddressAccessList_Composite
Table/Column Mapping:	tbl_SmtpServer.IsDefault
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsEnabled

Property Name	Value
Description:	A flag indicating whether this SMTP server is active or not. Values: 0: Not active. 1: Active
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.IsEnabled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

LimitConnections

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the number of simultaneous connections. This applies to both incoming and outgoing connections. Values: 0: No limit on number of connections. 1: The maximum number of connections is limited to the value contained in ?MaxNumberConnections.?
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.LimitConnections
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LimitMessageSize

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the size of an incoming message. Values: 0: No message size limit 1: Incoming message size is limited by the value contained in ?MaxMessageSize.?
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_SmtpServer.LimitMessageSize
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LimitMessagesSession

Property Name	Value
Description:	<p>A flag indicating whether the SMTP server shall limit the number of incoming messages per SMTP session.</p> <p>Values:</p> <p>0: No limit on the number of messages per SMTP session</p> <p>1: The number of outgoing messages per SMTP session are limited by the value contained in ?MaxNumberMessagesSession</p>
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.LimitMessagesSession
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LimitRecipients

Property Name	Value
Description:	A flag indicating whether the SMTP sever shall limit the number of recipients for both incoming and outgoing messages. Values: 0: No limit on the number of recipients 1: The number of recipients for both incoming and outgoing messages is limited by the value contained in ?MaxNumberRecipients.?
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.LimitRecipients
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this SMTP server belongs. All Unity Connection SMTP servers belong to the LocationVMS. A Foreign Key to tbl_LocationVMS.ObjectId.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailRootDirectory

Property Name	Value
Description:	The root directory for mail for the SMTP server.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.MailRootDirectory
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaxMessageSizeKb

Property Name	Value
Description:	The maximum size (in KBytes) of an incoming message. If a message exceeds this value, the message is rejected, and an NDR is sent to the sender.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.MaxMessageSizeKb
Primary Key:	False
Allow Null:	False
Default Value:	10000

Property Name	Value
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50000

MaxNumberConnections

Property Name	Value
Description:	The maximum number of simultaneous connections for both incoming and outgoing connections.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.MaxNumberConnections
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50

MaxNumberMessagesSession

Property Name	Value
Description:	The maximum number of incoming messages per SMTP session.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.MaxNumberMessagesSession

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	10
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

MaxNumberRecipients

Property Name	Value
Description:	The maximum number of recipients (i.e., addresses) for both incoming and outgoing messages. For an incoming message, if the number of recipients exceeds this value, the message is rejected. For an outgoing message, if the number of recipients exceeds this value, the message will be sent to the maximum number of recipients, and then another copy of the message is sent to the remaining recipients.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.MaxNumberRecipients
Primary Key:	False
Allow Null:	False
Default Value:	5000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50000

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a SMTPServer object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Port

Property Name	Value
Description:	The TCP/IP port number on which the SMTP server listens.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_SmtpServer.Port
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.169. vw_StreamFile

A simple view for tbl_StreamFile.

A name reference to a file (stream file) that contains the recorded audio for a greeting or voice name used in Cisco Unity Connection. This will normally be the name of a WAV file, and is a relative path - the complete path is stored in the configuration table.

Additional Information

When the Cisco Unity Connection conversation needs to play a voice name or greeting, it fetches the name of the file from this table.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	FileName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a StreamFile object.	ObjectID
	TimeDeleted	smalldatetime (4 bytes)	The date and time at which the deletion of the actual stream file containing the audio is schedule to be deleted or was deleted. Otherwise, this attribute is set to NULL.	

Stored Procedures

Name	Description
csp_AllocateVoiceFile	Allocates a voice file that can be used for voice names and greetings by creating a new StreamFile object in tbl_StreamFile.
csp_StreamFileDelete	Deletes a StreamFile object from tbl_StreamFile as specified by the @ObjectId parameter. The delete doesn't actually remove the row. It simply marks it for delete by setting the TimeDeleted column to the current date/time. The SysAgent service deletes the actual row once the file is deleted from the file system.
csp_StreamFileModify	Activates an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile. This procedure sets the value of the TimeDeleted column to NULL. The @FileName parameter identifies the StreamFile object that is updated.

Column Properties

FileName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a StreamFile object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

TimeDeleted

Property Name	Value
Description:	The date and time at which the deletion of the actual stream file containing the audio is schedule to be deleted or was deleted. Otherwise, this attribute is set to NULL.
Notes:	<p>Stream (audio/WAV) files are not stored in SQL. When an object that owns a stream file is deleted, the date and time the parent object was deleted is recorded in this column as an indication to an external process which will delete the actual file from the file system (typically \Commserver\StreamFiles).</p> <p>A background process is responsible for checking this table and performing the deletions. This eliminates the need for an extended stored procedure doing the file deletions for each table with streams. This is generally a safer and more robust approach.</p>
Business Rules:	Default is 1 hour from the current time because we don't keep the file around unless a client specifically requests so.
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.TimeDeleted
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	smalldatetime (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.170. vw_Subscriber

The subscriber view contains all users that have a voice mail subscription. It includes the user information and the associated voice mail information.

Additional Information

This view is comprised of the columns in the tbl_User and tbl_UserSubscriber tables, plus an additional column - VoiceName - that is defined in tbl_streamFile.FileName.

A user object combined with a usersubscriber object is basically the same as a "Subscriber" was in the 4.0x product. A separate object (the "CallHandler") contains instructions for handling phone calls to this person, including the DTMFID and extension assigned to the subscriber.

In Cisco Unity Connection, all subscribers will "own" a voice mailbox..

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Address	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.	
	AddressAfterRecord	smallint (2 bytes)	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.	Bool
	AddressMode	smallint (2 bytes)	The default method the subscriber will use to address messages to other subscribers.	AddressMode
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	AltFirstName	nvarchar (64 characters)	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	AltLastName	nvarchar (64 characters)	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	AnnounceUpcoming-Meetings	int (4 bytes)	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.	
	AssistantRowsPerPage	int (4 bytes)	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	BillingId	nvarchar (32 characters)	Accounting information or project code associated with this user.	
	Building	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).	
	CallAnswerTimeout	int (4 bytes)	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.	
	CallHandlerObjectId	char (36 characters)	The unique identifier of the primary CallHandler object for the subscriber.	ObjectID
	CcmId	nvarchar (128 characters)	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager	
	CcmIdType	int (4 bytes)	Type of CCM user/object this id refers to (end user, application user, or directory number)	CcmIdType
	City	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.	
	ClientMatterCode	varchar (40 characters)	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.	ClientMatter-Code
	ClockMode	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.	ClockMode
	ConfirmationConfidenceThreshold	int (4 bytes)	Voice Recognition Confirmation Confidence Threshold	
	ConfirmDeleteDeletedMessage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.	Bool
	ConfirmDeleteMessage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.	Bool
	ConfirmDeleteMultipleMessages	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.	Bool
	ConversationName	nvarchar (64 characters)	The name of the conversation the subscriber uses to set up, send, and retrieve messages.	Conversation-Name
	ConversationTui	nvarchar (64 characters)	The name of the conversation the subscriber uses to set up, send, and retrieve messages.	Conversation-Name

Key	Name	SQL Data Type/Length	Description	Custom Type
	ConversationVui	nvarchar (64 characters)	The VUI conversation assigned to the subscriber.	Conversation-Name
	CosObjectId	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.	ObjectId
	Country	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.	
	CreationTime	datetime (8 bytes)	The date and time the user account was created.	
	DelayAfterGreeting	int (4 bytes)	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.	
	DeletedMessage-SortOrder	smallint (2 bytes)	The order in which Cisco Unity Connection presents deleted messages to the subscriber.	Message-SortOrder
	Department	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.	
	DirectoryId	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).	DirectoryId
	DisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	DtmfAccessId	nvarchar (40 characters)	The DTMF access id (i.e., extension) of the subscriber.	DtmfAccessId
	DtmfNameFirst	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameFirstLast	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameLast	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameLastFirst	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	EmailAddress	lvarchar (320 characters)	The primary email address of the user. Not used for incoming mail delivery - informational only.	EmailAddress

Key	Name	SQL Data Type/Length	Description	Custom Type
	EmployeeId	nvarchar (64 characters)	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.	
	EnableMessageLocator	smallint (2 bytes)	A flag indicating whether the message locator feature is enabled for the subscriber.	Bool
	EnablePersonalRules	smallint (2 bytes)	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.	Bool
	EnableTts	smallint (2 bytes)	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.	Bool
	EnableVisualMessage-Locator	smallint (2 bytes)	A flag indicating whether the visual message locator feature is enabled for the subscriber.	Bool
	EnAltGreetDontRing-Phone	smallint (2 bytes)	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.	Bool
	EnAltGreetPreventMsg	smallint (2 bytes)	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.	Bool
	EnAltGreetPreventSkip	smallint (2 bytes)	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.	Bool
	EncryptPrivateMessages	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.	Bool
	EnhancedSecurityAlias	nvarchar (50 characters)	The unique text name used to identify and authenticate the user with an RSA SecurID security system.	
	Exit_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	Exit_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	Exit_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	ExitCallActionObjectId	char (36 characters)	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.	ObjectID
	FirstDigitTimeout	int (4 bytes)	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.	
	FirstName	nvarchar (64 characters)	The first name (i.e., givenName) of this user. Not their surname nor middle name.	Name
	ForcedAuthorization-Code	varchar (40 characters)	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.	ForcedAuthorizationCode
	GreetByName	smallint (2 bytes)	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	InboxAutoRefresh	int (4 bytes)	The rate (in minutes) at which Unity Inbox performs a refresh.	
	InboxAutoResolveMessageRecipients	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.	Bool
	InboxMessagesPerPage	int (4 bytes)	The number of messages Unity Inbox displays in a page.	
	Initials	nvarchar (12 characters)	The initial letters of some or all of the names of this user.	
	InterdigitDelay	int (4 bytes)	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.	
	IsClockMode24Hour	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.	Bool
	IsSetForVmEnrollment	smallint (2 bytes)	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.	Bool
	IsTemplate	smallint (2 bytes)	A flag indicating whether this instance of a User object is a "template" for creating new users.	Bool
	IsVmEnrolled	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.	Bool
	JumpToMessagesOnLogin	smallint (2 bytes)	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.	Bool
	Language	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.	Language-Code
	LastName	nvarchar (64 characters)	The last name (i.e., surname or family name) of this user, by which a user is commonly known.	Name
	ListInDirectory	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.	Bool
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this user belongs.	ObjectID
	MailboxDn	lvarchar (392 characters)	The distinguished name of the mailbox.	
	Manager	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId	ObjectID
	MessageLocator-SortOrder	smallint (2 bytes)	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.	Message-SortOrder
	MessageTypeMenu	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.	Bool
	NewMessageSortOrder	smallint (2 bytes)	The order in which Cisco Unity Connection will sort new messages.	Message-SortOrder
	NewMessageStackOrder	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "new" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices	MessageStack-Order
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID
	PabLastImported	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.	
	PcaAddressBook-RowsPerPage	int (4 bytes)	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.	
	PcaHomePage	nvarchar (256 characters)	The Home Page is the first page that is displayed after logging in to the PCA.	
	PostalCode	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.	
	PromptSpeed	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.	
	PromptVolume	int (4 bytes)	The volume level for playback of system prompts.	Volume
	ReadOnly	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	RecordUnknownCaller-Name	smallint (2 bytes)	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.	Bool
	RepeatMenu	int (4 bytes)	The number of times to repeat a menu in TUI.	
	RingPrimaryPhoneFirst	smallint (2 bytes)	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.	Bool
	RouteNDRToSender	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.	Bool
	SavedMessageSortOrder	smallint (2 bytes)	The order in which Cisco Unity Connection will sort saved messages.	Message-SortOrder
	SavedMessageStack-Order	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "saved" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices	Mes-sageStack-Order
	SayAltGreetWarning	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.	Bool
	SayAni	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.	Bool
	SayCopiedNames	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.	Bool
	SayDistributionList	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.	Bool
	SayMsgNumber	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.	Bool
	SaySender	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	SaySenderExtension	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.	Bool
	SayTimestampAfter	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.	Bool
	SayTimestampBefore	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.	Bool
	SayTotalNew	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.	Bool
	SayTotalNewEmail	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.	Bool
	SayTotalNewFax	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.	Bool
	SayTotalNewVoice	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.	Bool
	SayTotalReceipts	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.	Bool
	SayTotalSaved	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.	Bool
	SendBroadcastMsg	smallint (2 bytes)	A flag indicating whether the subscriber may send broadcast messages.	Bool
	SendConv	smallint (2 bytes)	Type of send conversation to use - standard or streamlined.	SendConversationType
	SkipPassword-ForKnownDevice	smallint (2 bytes)	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.	Bool
	SmtpAddress	lvvarchar (320 characters)	SMTP address	SmtpAddress

Key	Name	SQL Data Type/Length	Description	Custom Type
	SpeechCompleteTimeout	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>	
	SpeechConfidenceThreshold	int (4 bytes)	<p>When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.</p>	
	SpeechIncompleteTimeout	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>	
	SpeechSensitivity	int (4 bytes)	<p>To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.</p>	

Key	Name	SQL Data Type/Length	Description	Custom Type
	SpeechSpeedVsAccuracy	int (4 bytes)	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.	
	Speed	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.	
	State	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.	
	SynchScheduleObjectId	char (36 characters)	The unique identifier of the Schedule object to use for synchronization Calendar information from groupware (such as Exchange).	ObjectID
	TimeLastCall	datetime (8 bytes)	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).	
	TimeZone	int (4 bytes)	The time zone to which this user account is associated.	
	Title	nvarchar (64 characters)	The position or function of a user within an organization, such as 'Vice President.'	
	Undeletable	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UpdateBroadcastMsg	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.	Bool
	UseBriefPrompts	smallint (2 bytes)	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.	Bool
	UseDefaultLanguage	smallint (2 bytes)	Set to true (1) if call handler is using default language from the location it belongs to.	Bool
	UseDefaultTimeZone	smallint (2 bytes)	Indicates if the default timezone is being used.	Bool
	UseVui	smallint (2 bytes)	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid
	VoiceNameRequired	smallint (2 bytes)	A flag indicating whether a recorded voice name is required for this subscriber.	Bool
	Volume	int (4 bytes)	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.	Volume
	XferString	nvarchar (40 characters)	The alternate transfer option extension for the primary call handler for the subscriber.	DtmfAccessId

Stored Procedures

Name	Description
csp_SubscriberCreate	Creates a new voice mail user (subscriber).
csp_SubscriberDelete	Deletes a voice mail user (subscriber).
csp_SubscriberModify	Updates the attributes of a voice mail user (subscriber) based on the values passed in.

Column Properties

Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	This address may not necessarily be the same as the address where the user receives letters or parcels (i.e. postal address). This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Address
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AddressAfterRecord

Property Name	Value
Description:	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.

Property Name	Value
Notes:	Values: 0: Prompt subscriber to address message before recording. 1: Prompt subscriber to address message after recording.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.AddressAfterRecord
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AddressMode

Property Name	Value
Description:	The default method the subscriber will use to address messages to other subscribers.
Notes:	Used by the conversation to determine how the conversation prompts subscribers to address messages to other subscribers. If an organization does not require first and last names be entered for their users, then this column should be set to "address by extension" for all subscribers. Note that subscribers can switch between spelling by name and addressing by extension by pressing ## over the phone, however when using spelling by name, the first and last name order can be set only by an administrator via Cisco Unity Connection Administration or a user via Cisco PCA. Subscribers can address messages over the phone by one of the following method listed below. Values: 0: Address by spelling last name and then first name. 1: Address by extension number. 2: Address by spelling first name and then last name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.AddressMode
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	AddressMode
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltFirstName

Property Name	Value
Description:	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user firstname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altfirstname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.AltFirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltLastName

Property Name	Value
Description:	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user lastname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altlastname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.AltLastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AnnounceUpcomingMeetings

Property Name	Value
Description:	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.
Notes:	When this is set to 60, the subscriber will be reminded of any upcoming meetings within the next hour. To turn off meeting reminders, set this to 0.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.AnnounceUpcomingMeetings
Primary Key:	False
Allow Null:	False
Default Value:	60
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	525600

AssistantRowsPerPage

Property Name	Value
Description:	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.AssistantRowsPerPage

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	99

BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	The BillingID can be used in report generation to group call activity for subscribers. For example, to group the call activity for all subscriber in the same department or those subscribers who are part of the same billing group on a phone system.
Business Rules:	If a BillingID exists for a user, it is logged for all phone activity for a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.BillingId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or Unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).

Property Name	Value
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Building
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallAnswerTimeout

Property Name	Value
Description:	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
Notes:	This applies only to subscribers with the personal call routing rules feature enabled. The CFNA setting of the phone are still in effect.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.CallAnswerTimeout
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	60

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the primary CallHandler object for the subscriber.
Notes:	The call handler determines how calls to the subscriber mailbox are handled, which greeting is played, and what options callers are given during after the greetings.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.CallHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmlId

Property Name	Value
Description:	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Notes:	See CcmlIdType to determine what type of object this refers to.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.CcmlId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any non-printable character
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmlIdType

Property Name	Value
Description:	Type of CCM user/object this id refers to (end user, application user, or directory number)
Notes:	Values: 0: End User 1: Application User (such as Unity) 2: Directory Number
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.CcmlIdType
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	CcmlIdType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	PA Speech Enabled Name Dialing uses 'city' as a disambiguation method when duplicate names are present.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.City
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ClientMatterCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClockMode

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Notes:	<p>Values:</p> <p>0: The time format (12 or 24-hour) based on the 'system' setting.</p> <p>1: Message timestamps are played to the subscriber using a 12-hour clock. For example, subscribers hear 1:00 PM when listening to a timestamp for a message left at 1:00 PM.</p> <p>2: Message timestamps are played to the subscriber using a 24-hour clock. For example, subscribers hear 13:00 when listening to a timestamp for a message left at 1:00 PM.</p>
Business Rules:	

Property Name	Value
Developer Notes:	Deprecating this - use IsClockMode24Hour instead
Table/Column Mapping:	tbl_UserSubscriber.ClockMode
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	ClockMode
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConfirmationConfidenceThreshold

Property Name	Value
Description:	Voice Recognition Confirmation Confidence Threshold
Notes:	Specifies the confidence level at which the voice recognition conversation will bypass requesting confirmation from the user. For example, if the threshold value is set so that confirmations will be requested when the confidence level is low, an unclear "delete" from the user will result in the user hearing "are you sure you want to delete?" Increasing the threshold value results in more frequent confirmation requests. Set the value to 0 (zero) to never request confirmation; set to 100 to always request confirmation.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ConfirmationConfidenceThreshold
Primary Key:	False
Allow Null:	False
Default Value:	60
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

ConfirmDeleteDeletedMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.
Notes:	<p>To delete a deleted message, the subscriber must belong to a class of service that allows them to retain and review deleted messages.</p> <p>Values:</p> <p>0: Cisco Unity Connection will proceed with a deletion of a single deleted message without requesting confirmation from a subscriber.</p> <p>1: Cisco Unity Connection will request confirmation from subscribers before proceeding with a deletion of a single deleted message.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ConfirmDeleteDeletedMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConfirmDeleteMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Notes:	<p>Values:</p> <p>0: Cisco Unity Connection will not request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.</p> <p>1: Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ConfirmDeleteMessage
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConfirmDeleteMultipleMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.
Notes:	<p>Values:</p> <p>0: Cisco Unity Connection does not prompt the subscriber to choose, and instead permanently deletes the type of messages you specify: either deleted voice messages or all deleted messages (voice, fax, and e-mail, as applicable).</p> <p>1: Cisco Unity Connection allows the subscriber to choose which messages they want to delete; subscriber can either delete their deleted voice messages or delete all of their deleted messages.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ConfirmDeleteMultipleMessages
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConversationName

Property Name	Value
Description:	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Notes:	
Business Rules:	The default value is the standard Unity TUI subscriber conversation - SubMenu.
Developer Notes:	In the Unity 4.x SA and product documentation, this column is referred to as "Conversation Style." If the column is NULL, then the standard Unity TUI conversation is assumed to be the default.
Table/Column Mapping:	tbl_UserSubscriber.ConversationTui
Primary Key:	False
Allow Null:	True
Default Value:	SubMenu
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ConversationTui

Property Name	Value
Description:	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Notes:	
Business Rules:	The default value is the standard Unity TUI subscriber conversation - SubMenu.
Developer Notes:	In the Unity 4.x SA and product documentation, this column is referred to as "Conversation Style." If the column is NULL, then the standard Unity TUI conversation is assumed to be the default.
Table/Column Mapping:	tbl_UserSubscriber.ConversationTui
Primary Key:	False
Allow Null:	True
Default Value:	SubMenu
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters

Property Name	Value
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ConversationVui

Property Name	Value
Description:	The VUI conversation assigned to the subscriber.
Notes:	The "UseVui" column is the flag indicating whether the subscriber is using a Vui or Tui conversation.
Business Rules:	The default value is the VuiStart conversation.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ConversationVui
Primary Key:	False
Allow Null:	True
Default Value:	VuiStart
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	The Class of Service (COS) specifies the features for which a user is licensed and limits such as recording limits. See tbl_COS table for more details.
Business Rules:	A user object is not required to have a COS associated with it. For example, a user who does not have any subscriptions to services such as voice mail or PA would not have a COS.
Developer Notes:	
Table/Column Mapping:	tbl_User.CosObjectId
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Country
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (2 characters)
Validation - Expression:	^[a-zA-Z]*\$
Validation - Description:	ASCII lower or upper case alphabetical character only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the user account was created.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_User.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DelayAfterGreeting

Property Name	Value
Description:	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Notes:	NULL indicates to use system setting for this.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.DelayAfterGreeting
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50000

DeletedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Notes:	Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.DeletedMessageSortOrder
Primary Key:	False
Allow Null:	False
Default Value:	2
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Department
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	Exactly what is stored here changes depending on the directory.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.DirectoryId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	<p>The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns.</p> <p>If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.</p>
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The DTMF access id (i.e., extension) of the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ \%\'?\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirst

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name of the user. These digits are used for searching the user by name via the phone.
Notes:	
Business Rules:	When the first name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameFirst
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirstLast

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the user. These digits are used for searching the user by name via the phone.
Notes:	The digits corresponding to the user first name are first, followed by the digits corresponding to the user last name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of either the user first or last name columns. For example, if a user name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 8424282733427439
Business Rules:	When the first or last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameFirstLast
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLast

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name of the user. These digits are used for searching the user by name via the phone.
Notes:	
Business Rules:	When the last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameLast
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLastFirst

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the user. These digits are used for searching the user by name via the phone.
Notes:	The digits corresponding to the user last name are first, followed by the digits corresponding to the user first name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of the user last or first name columns. For example, if a user name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 4274392842428273
Business Rules:	When the last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameLastFirst
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$

Property Name	Value
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmailAddress

Property Name	Value
Description:	The primary email address of the user. Not used for incoming mail delivery - informational only.
Notes:	Not auto-generated.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.EmailAddress
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	EmailAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmployeeId

Property Name	Value
Description:	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.EmployeeId
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableMessageLocator

Property Name	Value
Description:	A flag indicating whether the message locator feature is enabled for the subscriber.
Notes:	Values: 0: Message locator feature is disabled for subscriber 1: Message locator feature is enabled for subscriber
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnableMessageLocator
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnablePersonalRules

Property Name	Value
Description:	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.

Property Name	Value
Notes:	Defaults to 1 (true) so that it is enabled by default, if it is enabled in COS. Values: 0: Call routing rules disabled for subscriber 1: Call routing rules enabled for subscriber
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnablePersonalRules
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableTts

Property Name	Value
Description:	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Notes:	Defaults to 1 (true) so that it is enabled by default, if it is enabled in COS. Values: 0: TTS is disabled for the subscriber 1: TTS is enabled for the subscriber
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnableTts
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableVisualMessageLocator

Property Name	Value
Description:	A flag indicating whether the visual message locator feature is enabled for the subscriber.
Notes:	The visual message locator feature presents a list of messages on the subscriber's IP phone display for the subscriber to select from visually.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnableVisualMessageLocator
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnAltGreetDontRingPhone

Property Name	Value
Description:	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.
Notes:	<p>Values:</p> <p>0: Ring the phone.</p> <p>1: Send the caller to the alternate greeting.</p> <p>This setting overrides the subscriber setting to ring the phone.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnAltGreetDontRingPhone
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnAltGreetPreventMsg

Property Name	Value
Description:	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.
Notes:	Values: 0: If alternate greeting is active, callers can leave a message for the subscriber 1: If alternate greeting is active, callers cannot leave a message for the subscriber
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnAltGreetPreventMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnAltGreetPreventSkip

Property Name	Value
Description:	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Notes:	Values: 0: If alternate greeting is active, callers cannot skip the greeting 1: If alternate greeting is active, callers can skip the greeting
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnAltGreetPreventSkip
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EncryptPrivateMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Notes:	Values: 0: Do not encrypt private messages. 1: Encrypt private messages. This column only applies to messages marked private.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EncryptPrivateMessages
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnhancedSecurityAlias

Property Name	Value
Description:	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Notes:	The COS that the user belongs to must have Enhanced Security enabled. If the COS that the user belongs to has Enhanced Security enabled, and this column is blank, then the SignIn conversation uses the user alias column instead.
Business Rules:	
Developer Notes:	The Enhanced Security feature (i.e., RSA two-factor security) is not a requirement for Cisco Unity Connection.
Table/Column Mapping:	tbl_User.EnhancedSecurityAlias
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (50 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	50 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Exit_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	<p>Values:</p> <ul style="list-style-type: none"> 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Exit_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Exit_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ExitCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.
Notes:	The default value for this column should be the object id of the call action associated with sending the call to the "Opening Greeting" call handler.
Business Rules:	
Developer Notes:	This one column replaces the ExitAction, ExitObjectId and ExitObjectType columns that were in the SubscriberTemplate table prior to Unity 5.x.
Table/Column Mapping:	tbl_UserSubscriber.ExitCallActionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstDigitTimeout

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.FirstDigitTimeout
Primary Key:	False
Allow Null:	False
Default Value:	5000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	500

Property Name	Value
Validation - Maximum Value:	10000

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Notes:	The firstname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.
Business Rules:	This column is optional - not required to create a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.FirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ForcedAuthorizationCode

Property Name	Value
Description:	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Notes:	This applies only to subscribers with the personal call routing rules feature enabled.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ForcedAuthorizationCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ForcedAuthorizationCode
SQL Data Type/Length:	varchar (40 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

GreetByName

Property Name	Value
Description:	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Notes:	Values: 0: Do not play the name. 1: Play the recorded voice name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.GreetByName
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

InboxAutoRefresh

Property Name	Value
Description:	The rate (in minutes) at which Unity Inbox performs a refresh.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.InboxAutoRefresh

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	15
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	999

InboxAutoResolveMessageRecipients

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.
Notes:	<p>AutoResolve maps a recipient address entered in the To, Cc or Bcc fields, in any of the below supported addressing formats, to a subscriber or distribution list or private list, without requiring the intervention of the user.</p> <ul style="list-style-type: none"> * Subscriber Alias (Example: hsimpson) * Subscriber DisplayName (Example: Homer Simpson) * Subscriber LastName, FirstName (Example: Simpson, Homer) * Subscriber LastName FirstName (Example: Simpson Homer) * Subscriber FirstName, LastName (Example: Homer, Simpson) * Subscriber FirstName LastName (Example: Homer Simpson) * Subscriber Extension (Example: 46637) * DistributionList DisplayName (Example: All Subscribers - UNITY1) * DistributionList Alias (Example: allsubscribers) * DistributionList Extension (Example: 99991) * PrivateList DisplayName (Example: Unity Clients Team) * BlindAddress (Example: VPIM:101_59181, somebody@somedomain.com) <p>If AutoResolve is disabled, the user will always be prompted to resolve recipient addresses.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.InboxAutoResolveMessageRecipients
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

InboxMessagesPerPage

Property Name	Value
Description:	The number of messages Unity Inbox displays in a page.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.InboxMessagesPerPage
Primary Key:	False
Allow Null:	False
Default Value:	20
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	99

Initials

Property Name	Value
Description:	The initial letters of some or all of the names of this user.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Initials
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	^[p{L}\p{Digit}`~!@#%&^&[_{} \.,']*
Validation - Description:	Any alphabetical or numeric character (ANSI or Unicode); special ASCII characters ` , ~ , ! , @ , # , \$, % , ^ , & , - , _ , ' , period, comma, and space.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	6 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

InterdigitDelay

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.InterdigitDelay
Primary Key:	False
Allow Null:	False
Default Value:	3000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1000
Validation - Maximum Value:	10000

IsClockMode24Hour

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.

Property Name	Value
Notes:	<p>Possible Values:</p> <p>0: 12-Hour clock - The subscriber hears message timestamps in the time format of a 12-hour clock. For example, a subscriber will hear 1:00 PM when listening to the timestamp of a message left at 1:00 PM.</p> <p>1: 24-Hour clock - The subscriber hears message timestamps in the time format of a 24-hour clock. For example, a subscriber will hear 13:00 when listening to the timestamp of a message left at 1:00 PM.</p>
Business Rules:	
Developer Notes:	Previously this column contained three possible values, 12 hour, 24 hour, and a third value that signified use the system default setting. In Cisco Unity Connection, the "use system default setting" has been dropped. The 12/24 hour clock must be set for each user.
Table/Column Mapping:	tbl_UserSubscriber.IsClockMode24Hour
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsSetForVmEnrollment

Property Name	Value
Description:	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.
Notes:	<p>Values:</p> <p>0: The enrollment conversation is not played for the subscriber when they login</p> <p>1: The enrollment conversation is played for the subscriber when they login</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.IsVmEnrolled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsTemplate

Property Name	Value
Description:	A flag indicating whether this instance of a User object is a "template" for creating new users.
Notes:	Used to provide default values for selected columns when creating new users. Example: In a corporate campus environment, an administrator can create a user template for each building that is prepopulated with the address information (address, building, city, state, postalcode, timezone, etc.) for the particular building.
Business Rules:	Cannot be modified.
Developer Notes:	
Table/Column Mapping:	tbl_User.IsTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsVmEnrolled

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.
Notes:	Values: 0: The enrollment conversation is not played for the subscriber when they login 1: The enrollment conversation is played for the subscriber when they login
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_UserSubscriber.IsVmEnrolled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

JumpToMessagesOnLogin

Property Name	Value
Description:	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.
Notes:	<p>Subscribers will not hear message counts, their own name, top level menus, etc when this setting is active.</p> <p>Values: 0: Subscriber conversation does not jump directly to first message in the message stack after subscriber sign-in. 1: Subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.JumpToMessagesOnLogin
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.

Property Name	Value
Notes:	<p>NULL is not allowed because the subscriber language cannot be inherited. See customtype "LanguageCode" for more information.</p> <p>There is another language value for a subscriber that outside callers hear when they call this subscriber. This is set on the primary call handler for this subscriber and CAN be set to NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069</p>

Property Name	Value
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057

Property Name	Value
	2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	The default value for this column is derived from the user template.
Developer Notes:	Allowing NULL now.
Table/Column Mapping:	tbl_User.Language
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Notes:	The lastname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.
Business Rules:	This column is optional - not required to create a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.LastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.

Property Name	Value
Notes:	If the user is listed in the phone directory AND has a recorded voice name, outside callers can find this user by spelling their name when using a directory handler (NameLookupHandler). This value has no effect on other users addressing this user by name. Values: 0: Do not list the subscriber in the phone directory. 1: List the subscriber in the phone directory.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ListInDirectory
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this user belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	Identifies a mailbox in foreign email system for use in synchronizing information stored there, such as calendar information for personal rules.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.MailboxDn
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (392 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	392 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Manager
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId
Notes:	Note that for transfers, the MediaSwitchObjectId for this subscriber is stored in tbl_TransferOption and is associated with their primary call handler. For message notification, the MediaSwitchObjectId is stored in tbl_NotificationDevices.
Business Rules:	
Developer Notes:	\$\$MIGRATION: tbl_Subscriber.SwitchId
Table/Column Mapping:	tbl_UserSubscriber.MediaSwitchObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MessageLocatorSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Notes:	Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.MessageLocatorSortOrder
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MessageTypeMenu

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.
Notes:	<p>The "message type" menu that subscribers will hear is "Press 1 to hear voice messages. Press 2 to hear e-mails. Press 3 to hear faxes. Press 4 to hear receipts."</p> <p>Note that although the e-mail and fax options are available in the Message Type Menu, Cisco Unity Connection plays e-mails and faxes only when the subscriber is assigned to a class of service that has the Text to Speech (TTS) and FaxMail features enabled. With fax messages, Cisco Unity Connection plays only message properties (for example, the sender, date, and time).</p> <p>Values: 0: Do not play message type menu 1: Play message type menu</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.MessageTypeMenu
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NewMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort new messages.
Notes:	Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.NewMessageSortOrder
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NewMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "new" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices

Property Name	Value
Notes:	<p>This column consists of a sequence of seven digits with each digit representing a specific message type.</p> <p>For example, 1352467 indicates that new messages are played in the following order: Urgent voice first, then urgent fax, urgent e-mail followed by non-urgent voice, non-urgent fax, non-urgent e-mail messages, and then lastly receipts and notices.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.NewMessageStackOrder
Primary Key:	False
Allow Null:	False
Default Value:	1234567
Custom Type:	MessageStackOrder
SQL Data Type/Length:	nvarchar (7 characters)
Validation - Expression:	[1-7]{7}
Validation - Description:	A string of seven digits consisting of digits 1-7.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	7 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.PabLastImported
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PcaAddressBookRowsPerPage

Property Name	Value
Description:	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.PcaAddressBookRowsPerPage
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	99

PcaHomePage

Property Name	Value
Description:	The Home Page is the first page that is displayed after logging in to the PCA.
Notes:	In 4.05 and earlier versions, the home page is fixed. This setting allows users the flexibility to choose their home page. For example, a user may want to be taken directly to Unity Inbox after logging in, instead of the default home page that simply lists all the available applications in the PCA.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.PcaHomePage
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	A specific format for zip or postal codes is not required since these items differ so widely and can change at any time. This column is for informational purposes.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.PostalCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PromptSpeed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Notes:	A value between 0 and 200 is allowed. Normal speed, the speed at which messages are recorded is a value of 100. Twice as fast as normal speed is a value of 200. Half as fast as normal speed is a value of 50.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.PromptSpeed
Primary Key:	False
Allow Null:	False
Default Value:	100
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	200

PromptVolume

Property Name	Value
Description:	The volume level for playback of system prompts.
Notes:	A value of NULL indicates to use system setting instead.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.PromptVolume
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	Volume
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	Normally used only for system objects.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.ReadOnly
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RecordUnknownCallerName

Property Name	Value
Description:	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.
Notes:	This applies only to subscribers with the personal call routing rules feature enabled.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.RecordUnknownCallerName
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RepeatMenu

Property Name	Value
Description:	The number of times to repeat a menu in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.RepeatMenu
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

RingPrimaryPhoneFirst

Property Name	Value
Description:	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.
Notes:	This applies only to subscribers with the personal call routing rules feature enabled.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.RingPrimaryPhoneFirst
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	<p>Values:</p> <p>0: Cisco Unity Connection will not route an NDR to the sender's mailbox. Rather Cisco Unity Connection will delete the NDR.</p> <p>1: Cisco Unity Connection will route an NDR to the sender's mailbox when the message is undeliverable. The NDR message will be presented in the new message stack. Cisco Unity Connection will activate the MWI similar to new voice messages. Cisco Unity Connection will also notify based on subscriber notification device settings when new NDR's are present in the subscriber mailbox similar to new voice messages.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.RouteNDRToSender
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SavedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort saved messages.
Notes:	Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SavedMessageSortOrder
Primary Key:	False
Allow Null:	False
Default Value:	2
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SavedMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "saved" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices

Property Name	Value
Notes:	<p>This column consists of a sequence of seven digits with each digit representing a specific message type.</p> <p>For example, 1352467 indicates that saved messages are played in the following order: Urgent voice first, then urgent fax, urgent e-mail followed by non-urgent voice, non-urgent fax, non-urgent e-mail messages, and then lastly receipts and notices.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SavedMessageStackOrder
Primary Key:	False
Allow Null:	False
Default Value:	1234567
Custom Type:	MessageStackOrder
SQL Data Type/Length:	nvarchar (7 characters)
Validation - Expression:	[1-7]{7}
Validation - Description:	A string of seven digits consisting of digits 1-7.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	7 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SayAltGreetWarning

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.
Notes:	<p>Values:</p> <p>0: Do not notify the subscriber that their alternate greeting is turned on</p> <p>1- Notify the subscriber when they login if their alternate greeting is turned on</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayAltGreetWarning
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayAni

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.
Notes:	<p>Note that the phone system must send Cisco Unity Connection the ANI information. If Cisco Unity Connection is connected to a phone system that does not provide ANI information, even though this setting is enabled (1), there will be no change to the conversation i.e., as if the setting is disabled.</p> <p>Values: 0: ANI information is not played. 1: ANI information is played to the user.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayAni
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayCopiedNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.
Notes:	<p>Values: 0: Do not announce copied names. 1: Announce copied names.</p>

Property Name	Value
Business Rules:	
Developer Notes:	It may be implemented in the future. This is intended to provide a way for subscribers to hear which other subscribers were CC'd on a particular message, if they choose.
Table/Column Mapping:	tbl_UserSubscriber.SayCopiedNames
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayDistributionList

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Notes:	Values: 0: Do not announce the distribution list. 1: Announce the distribution list.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayDistributionList
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayMsgNumber

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.
Notes:	Values: 0: Do not play the message number. 1: Play the message number.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayMsgNumber
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SaySender

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Notes:	Values: 0: Do not announce the sender. 1: Announce the sender.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SaySender
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SaySenderExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Notes:	Values: 0: Do not play the extension information of the subscriber who sent the message. 1- After playing the sender's voice name, play the primary extension information of the subscriber who sent the message.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SaySenderExtension
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTimestampAfter

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Notes:	Values: 0: Do not announce the timestamp after each message is played. 1: Announce the timestamp after each message is played.
Business Rules:	Both the SayTimestampAfter and the SayTimestampBefore can be set to 1. However, this would be annoying to the subscriber. Both can also be disabled, resulting in no timestamp being played during message playback for a subscriber.

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTimestampAfter
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTimestampBefore

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Notes:	Values: 0: Do not announce the timestamp before each message is played. 1: Announce the timestamp before each message is played.
Business Rules:	Both the SayTimestampAfter and the SayTimestampBefore can be set to 1. However, this would be annoying to the subscriber. Both can also be disabled, resulting in no timestamp being played during message playback for a subscriber.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTimestampBefore
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNew

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.
Notes:	<p>This number includes all voice, email, fax and receipt messages as applicable (depending on the subscriber COS settings).</p> <p>Values: 0: Do not announce total number of new messages. 1: Announce the total number of new messages in the subscriber mailbox.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTotalNew
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNewEmail

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.
Notes:	<p>Applies only if TTS is installed and the subscriber's COS allows for it.</p> <p>Values: 0: Do not announce total number of new e-mail messages. 1: Announce the total number of new e-mail messages in the subscriber mailbox.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTotalNewEmail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNewFax

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Notes:	Applies only if fax mail is enabled in the subscriber's COS. Values: 0: Do not announce total number of new fax messages. 1: Announce the total number of new fax messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	Not in Cisco Unity Connection. Integration with 3rd-party fax applications is not supported in Cisco Unity Connection.
Table/Column Mapping:	tbl_UserSubscriber.SayTotalNewFax
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNewVoice

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.

Property Name	Value
Notes:	Values: 0: Do not announce total number of new voice messages. 1: Announce the total number of new voice messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTotalNewVoice
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalReceipts

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.
Notes:	Values: 0: Do not announce total number of new receipts. 1: Announce the total number of new receipts in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTotalReceipts
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalSaved

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Notes:	Includes all message types allowed by the subscriber COS that are marked as read in their mailbox. Values: 0: Do not announce total number of saved messages. 1: Announce the total number of saved messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTotalSaved
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber may send broadcast messages.
Notes:	Values: 0: Cannot send broadcast messages. 1: Can send broadcast messages.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SendBroadcastMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendConv

Property Name	Value
Description:	Type of send conversation to use - standard or streamlined.
Notes:	Values: 0: Standard 1: Streamlined
Business Rules:	
Developer Notes:	ekostenb - changed default to StreamLined per CSCsh55132
Table/Column Mapping:	tbl_UserSubscriber.SendConv
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	SendConverationType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkipPasswordForKnownDevice

Property Name	Value
Description:	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.
Notes:	A "known device" is a phone number that is listed in tbl_DtmfAccessId or tbl_PhoneNumber. Values: 0: Subscriber will not be asked for their PIN when calling in from a known device. 1: Subscriber will be asked for theirr PIN when calling in from a known device.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SkipPasswordForKnownDevice
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtAddress

Property Name	Value
Description:	SMTP address
Notes:	<p>For performance, we store the SMTP address which for users, contacts, and DLs is a combination of Alias (or MailName if Alias is non-ASCII such as in the case where Alias is in Japanese) and the Location.SmtDomain associated to which this Alias object belongs.</p> <p>The SmtAddress for a PersonalGroup is formed differently: <UserAlias> + '_' + 'List' + '_' + <NumericId> + '@' + <Domain>. For example, if JSmith creates a PersonalGroup with NumericId of 1, the SmtAddress would be: JSmith_List_1@cisco.com</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Alias.SmtAddress
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	SmtAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	^([\\w\\-!#\$%&'*/+=?^\\{\\} ~]+(\\.)?[\\w\\-!#\$%&'*/+=?^\\{\\} ~]+)*)+@(((a-zA-Z)([\\-a-zA-Z\\d]*[a-zA-Z\\d])?.)+([a-zA-Z\\d])+)\$

Property Name	Value
Validation - Description:	<p>SMTP Address= Local-Part '@' Domain Name where Local-Part (Max size : 64) * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character '.' is allowed but it cannot be the first or last character in the local-part. Also there cannot be consecutive periods. For example: a..b@c is invalid.</p> <p><domain> ::= <subdomain> " " <subdomain> ::= <label> <subdomain> "." <label> <label> ::= <letter> [[<ldh-str>] <let-dig>] <ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str> <let-dig-hyp> ::= <let-dig> "-" label must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.</p>
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SpeechCompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	VUI accessibility setting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SpeechCompleteTimeout
Primary Key:	False
Allow Null:	False
Default Value:	300
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	0
Validation - Maximum Value:	50000

SpeechConfidenceThreshold

Property Name	Value
Description:	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SpeechConfidenceThreshold
Primary Key:	False
Allow Null:	False
Default Value:	45
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

SpeechIncompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	VUI accessibility setting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SpeechIncompleteTimeout
Primary Key:	False
Allow Null:	False
Default Value:	750
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	300
Validation - Maximum Value:	10000

SpeechSensitivity

Property Name	Value
Description:	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SpeechSensitivity
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

SpeechSpeedVsAccuracy

Property Name	Value
Description:	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SpeechSpeedVsAccuracy
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

Speed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.
Notes:	<p>A value between 0 and 200 is allowed.</p> <p>Normal speed, the speed at which messages are recorded is a value of 100.</p> <p>Twice as fast as normal speed is a value of 200.</p> <p>Half as fast as normal speed is a value of 50.</p>

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.Speed
Primary Key:	False
Allow Null:	False
Default Value:	100
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	200

State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.State
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SynchScheduleObjectId

Property Name	Value
Description:	The unique identifier of the Schedule object to use for synchronization Calendar information from groupware (such as Exchange).
Notes:	Created for each subscriber at creation time. We allow NULL though, because we must create the schedule after the subscriber is created.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SynchScheduleObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeLastCall

Property Name	Value
Description:	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.TimeLastCall
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	<p>The TimeZone value refers to an entry in the table tbl_TimeZone.</p> <p>By default this value is NULL, which means the user is in the same time zone as the VMS on which their account resides. If, however, a user is checking messages from another time zone, this value can be set to associate them with any time zone.</p> <p>Since messages are all stored with time stamps in Universal Time Coordinated (UTC), Unity translates the times into the appropriate time zone on the fly when users are checking messages in the same way an email client does when showing you your inbox.</p>
Business Rules:	
Developer Notes:	In versions prior to Cisco Unity Connection, the bias was stored in the lower 16-bits of the integer and the upper 16-bits was reserved for an identifier.
Table/Column Mapping:	tbl_User.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Title

Property Name	Value
Description:	The position or function of a user within an organization, such as 'Vice President.'
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Title
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeetable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Values: 0: Can be deleted 1: Cannot be deleted
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Undeetable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UpdateBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	Values: 0: Cannot update broadcast messages. 1: Can update broadcast messages.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.UpdateBroadcastMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseBriefPrompts

Property Name	Value
Description:	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Notes:	Typically, as subscribers become more experienced with the system, they switch from full to brief menus to speed up the conversation. Values: 0: Turns brief menus off (full phone menus on). 1: Turns brief menus on.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.UseBriefPrompts
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	Set to true (1) if call handler is using default language from the location it belongs to.
Notes:	Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultTimeZone

Property Name	Value
Description:	Indicates if the default timezone is being used.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseVui

Property Name	Value
Description:	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.
Notes:	<p>Values:</p> <p>0: Speech recognition conversation is not default conversation for the subscriber.</p> <p>1: Speech recognition conversation is the default conversation for the subscriber.</p> <p>This is different from the VUI class of service which indicates that the subscriber is allowed to use the VUI conversation.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.UseVui
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceNameRequired

Property Name	Value
Description:	A flag indicating whether a recorded voice name is required for this subscriber.
Notes:	Set to true (1) to force subscriber to record a voice name. Values: 0: Recorded voice name not required. 1: Recorded voice name is required. Subscriber required to record a voice name at next login.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.VoiceNameRequired
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Volume

Property Name	Value
Description:	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.

Property Name	Value
Notes:	<p>A value between 0 and 100 is allowed.</p> <p>Normal volume, the volume used to record a message is a value of 50.</p> <p>Twice as loud is a value of 100.</p> <p>Half as loud as normal volume is a value of 25.</p> <p>Note that the value is only used for message play back, not for other parts of the conversation.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.Volume
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	Volume
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

XferString

Property Name	Value
Description:	The alternate transfer option extension for the primary call handler for the subscriber.
Notes:	<p>Because the primary call handler is not replicated, the transfer string is stored in the subscriber record so that the alpha directory can access it to do searches on other VMS servers in the same dialing domain and for auto attendant transfers.</p> <p>Subscribers only use the alternate contact rule so it's only necessary to access that transfer rule's extension.</p>
Business Rules:	
Developer Notes:	Not required for Cisco Unity Connection since it only supports a single VMS.
Table/Column Mapping:	tbl_UserSubscriber.XferString
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-\.\@\,\;\+\ \% \? \(\)\~\ *]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.

Property Name	Value
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.171. vw_Subscriber_List

A narrow view of a user with voice mail. This view provides a list of all users who have a voice mail box, which is used by CUSA to provide list of users with voice mail in drop-down lists. It contains only the ObjectId and DisplayName for each user with voice mail.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	Subscriber alias.	Alias
	DisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a UserSubscriber object.	ObjectID

Stored Procedures

vw_Subscriber_List has no stored procedures.

Column Properties

Alias

Property Name	Value
Description:	Subscriber alias.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	<p>The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns.</p> <p>If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.</p>
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a UserSubscriber object.
Notes:	This column is both the unique identifier for this table as well a reference to the ObjectId of the user to which it is associated.
Business Rules:	The value of this column is the same as the ObjectId of the user to which this object is associated.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.172. vw_Subscriber_MediaSwitchAssocCounts

For each subscriber the number of devices owned by the subscriber on each phone system, where the subscriber's extension (primary call handler) is treated as a "device."

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	User alias	Alias
	DisplayName	nvarchar (64 characters)	User display name	TextName
	MediaSwitchDisplay-Name	nvarchar (64 characters)	Phone system display name.	DisplayName
PK	MediaSwitchObjectId	char (36 characters)	Phone system unique identifier	ObjectID
	numNotificationDevice	int (4 bytes)	Number of notification devices.	
	numNotificationMWI	int (4 bytes)	Number of MWI devices.	
	numPrimaryCallHandler	int (4 bytes)	Number of primary call handlers.	
PK	ObjectId	char (36 characters)	User unique identifier	ObjectID

Stored Procedures

vw_Subscriber_MediaSwitchAssocCounts has no stored procedures.

Column Properties

Alias

Property Name	Value
Description:	User alias
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	User display name
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	<p>The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns.</p> <p>If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.</p>
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchDisplayName

Property Name	Value
Description:	Phone system display name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	Phone system unique identifier
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

numNotificationDevice

Property Name	Value
Description:	Number of notification devices.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

numNotificationMWI

Property Name	Value
Description:	Number of MWI devices.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

numPrimaryCallHandler

Property Name	Value
Description:	Number of primary call handlers.
Notes:	Since a subscriber has only one primary call handler, this value can be zero or one.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	User unique identifier
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.173. vw_Subscriber_MediaSwitchAssocCounts_NonEmpty

For each subscriber that has either a call handler, notificationMWI or notification device - the number of devices owned by the subscriber on each phone system, where the subscriber's extension (primary call handler) is treated as a "device".

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	DisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	MediaSwitchDisplay-Name	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
PK	MediaSwitchObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.	ObjectID
	numNotificationDevice	int (4 bytes)	Number of notification devices.	
	numNotificationMWI	int (4 bytes)	Number of MWI devices.	
	numPrimaryCallHandler	int (4 bytes)	Number of primary call handlers.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID

Stored Procedures

vw_Subscriber_MediaSwitchAssocCounts_NonEmpty has no stored procedures.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns. If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchDisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MediaSwitch.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

numNotificationDevice

Property Name	Value
Description:	Number of notification devices.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

numNotificationMWI

Property Name	Value
Description:	Number of MWI devices.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

numPrimaryCallHandler

Property Name	Value
Description:	Number of primary call handlers.
Notes:	Since a subscriber has only one primary call handler, this value can be zero or one.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	

Property Name	Value
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.174. vw_Subscriber_PrimaryDtmf

A list of subscriber objects and their associated primary dtmf access ids.

Additional Information

Meant to be faster than using vw_Subscriber.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID

Stored Procedures

vw_Subscriber_PrimaryDtmf has no stored procedures.

Column Properties

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ %\?\"'()~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.

Property Name	Value
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.175. vw_Subscriber_VoiceFileName

A listing of subscriber objects and their associate voicefile filenames.

Additional Information

Meant to be a faster way of getting information than joining vw_Subscriber and vw_StreamFile

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Filename	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID

Stored Procedures

vw_Subscriber_VoiceFileName has no stored procedures.

Column Properties

Filename

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.176. vw_SubscriberContact

A narrow view of a subscriber and system contact that consists of only those attributes necessary for message addressing.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	AltFirstName	nvarchar (64 characters)	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	AltLastName	nvarchar (64 characters)	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	CallHandlerObjectId	char (36 characters)	The unique identifier of the primary CallHandler object for the contact.	ObjectID
	DeliveryLocationObjectId	char (36 characters)	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.	ObjectID
	DirectoryId	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).	DirectoryId
	DisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	DisplayName
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId
	DtmfNameFirstLast	varchar (16 characters)	Digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the contact. These digits are used for searching the contact by name via the phone.	DtmfName

Key	Name	SQL Data Type/Length	Description	Custom Type
	DtmfNameLastFirst	varchar (16 characters)	Digits corresponding the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the contact. These digits are used for searching the contact by name via the phone.	DtmfName
	FirstName	nvarchar (64 characters)	The first name (i.e., givenName) of a contact. Not their surname nor middle name.	Name
	IsContact	int (4 bytes)	Indicates if entry is a contact (1), else it is a subscriber (0).	
	LastName	nvarchar (64 characters)	The last name (i.e., surname or family name) of a contact, by which a contact is commonly known.	Name
	ListInDirectory	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should list the contact in the phone directory for outside callers.	Bool
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this contact belongs.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Contact object.	ObjectID
	StreamFileObjectId	char (36 characters)	The unique identifier of the StreamFile object that represents the voice name for this contact.	ObjectID

Stored Procedures

vw_SubscriberContact has no stored procedures.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltFirstName

Property Name	Value
Description:	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user firstname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altfirstname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.AltFirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltLastName

Property Name	Value
Description:	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user lastname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altlastname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.AltLastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the primary CallHandler object for the contact.
Notes:	The call handler determines how calls to the contact are handled, which greeting is played, and what options callers are given during after the greetings.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.CallHandlerObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

DeliveryLocationObjectId

Property Name	Value
Description:	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DeliveryLocationObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	Exactly what is stored here changes depending on the directory.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DirectoryId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	The rule for automatically generating the displayname uses the Contact "FirstName" and "LastName" columns.
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DisplayName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-\.\@\,\;\+\ \%\?\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirstLast

Property Name	Value
Description:	Digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the contact. These digits are used for searching the contact by name via the phone.
Notes:	The digits corresponding to the contact first name are first, followed by the digits corresponding to the contact last name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of either the contact first or last name columns. For example, if a contact name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 8424282733427439
Business Rules:	When the first or last name of the contact is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DtmfNameFirstLast
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLastFirst

Property Name	Value
Description:	Digits corresponding the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the contact. These digits are used for searching the contact by name via the phone.
Notes:	The digits corresponding to the contact last name are first, followed by the digits corresponding to the contact first name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of the contact last or first name columns. For example, if a contact name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 4274392842428273
Business Rules:	When the last name of the contact is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_Contact.DtmfNameLastFirst
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of a contact. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.FirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$

Property Name	Value
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsContact

Property Name	Value
Description:	Indicates if entry is a contact (1), else it is a subscriber (0).
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of a contact, by which a contact is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.LastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the contact in the phone directory for outside callers.
Notes:	<p>If the contact is listed in the phone directory AND has a recorded voice name, outside callers can find this contact by spelling their name when using a directory handler (NameLookupHandler). This value has no effect on other users addressing this contact by name.</p> <p>Values: 0: Do not list the contact in the phone directory. 1: List the contact in the phone directory.</p>
Business Rules:	
Developer Notes:	Does this need to be set for GUI and TUI separately?
Table/Column Mapping:	tbl_Contact.ListInDirectory
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this contact belongs.
Notes:	
Business Rules:	
Developer Notes:	This will always be the local VMS until we are using LocationVMS to partition the local directory.
Table/Column Mapping:	tbl_Contact.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Contact.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

StreamFileObjectId

Property Name	Value
Description:	The unique identifier of the StreamFile object that represents the voice name for this contact.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Contact.StreamFileObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.177. vw_SubscriberExternalServiceMap

Maps subscribers to external services such as IMAP, WebDAV, and Meeting Place Express.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	ExternalServiceObjectId	char (36 characters)	The unique identifier of the external service object to which the user is mapped.	ObjectID
	LastGuiAccessTime	datetime (8 bytes)	The last time the user accessed the external service through the GUI (e.g., CPCA, IMAP client).	
	LastTuiAccessTime	datetime (8 bytes)	The last time the user accessed the external service through the TUI.	
	LoginType	int (4 bytes)	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it).	MailboxLoginType
	SubscriberObjectId	char (36 characters)	The unique identifier of the User account object that is mapped to the external service.	ObjectID
PK	UserId	nvarchar (110 characters)	The unique text name (e.g., logon name) used by the User to logon to the service.	
	UserPassword	varchar (254 characters)	The user password for logon to the external service.	
	WebdavUrl	lvarchar (256 characters)	Relative URL for accessing user's calendar and contact information on the external service.	

Stored Procedures

Name	Description
csp_SubscriberExternalServiceMapCreate	Creates a mapping of a user with an external service such as IMAP, WebDav or MPE.
csp_SubscriberExternalServiceMapDelete	Deletes a specified mapping of an external service with a user.
csp_SubscriberExternalServiceMapModify	Updates the attributes of a specified instance of a SubscriberExternalServiceMap object based on the values passed in via the parameters.

Column Properties

ExternalServiceObjectId

Property Name	Value
Description:	The unique identifier of the external service object to which the user is mapped.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxStoreObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LastGuiAccessTime

Property Name	Value
Description:	The last time the user accessed the external service through the GUI (e.g., CPCA, IMAP client).
Notes:	A NULL value indicates the external service has never been access via the GUI. Timestamp stored in GMT/UTC.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.LastGuiAccessTime
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

LastTuiAccessTime

Property Name	Value
Description:	The last time the user accessed the external service through the TUI.
Notes:	A NULL value indicates the external service has never been access via the TUI. Timestamp stored in GMT/UTC.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.LastTuiAccessTime
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it).
Notes:	Applies only to MPE external service currently. Default is to use the user alias. Values: 0: Users alias used for login 1: Login as guest 2: Login using mailboxid (or part of it)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxLoginType
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	MailboxLoginType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the User account object that is mapped to the external service.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.UserObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserId

Property Name	Value
Description:	The unique text name (e.g., logon name) used by the User to logon to the service.
Notes:	For users with mailboxes on UMSS, the objectid of the UMSS mailbox object is contained here. For users with mailboxes on an other mail store such as Exchange or Domino, the user's legacy Exchange DN or primary SMTP address is stored here.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_MailboxMap.MailboxId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (110 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	110 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserPassword

Property Name	Value
Description:	The user password for logon to the external service.
Notes:	Encrypted/decrypted by clients.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxPassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

WebdavUrl

Property Name	Value
Description:	Relative URL for accessing user's calendar and contact information on the external service.

Property Name	Value
Notes:	This is usually a url comprised of the UserId, but that is not always the case, so it is in a separate column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.WebdavUrl
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.178. vw_SubscriberExternalServiceMapDetail

Subscriber to External Service mapping, with added detail.

Additional Information

This view is for conversation code, primarily to help with performance.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DialString	nvarchar (40 characters)	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.	PhoneNumberE123
PK	ExternalServiceObjectId	char (36 characters)	The unique identifier of the external service object to which the user is mapped.	ObjectID
	IsEnabled	smallint (2 bytes)	A flag indicating whether the external service is enabled.	Bool
	LastGuiAccessTime	datetime (8 bytes)	The last time the user accessed the external service through the GUI (e.g., CPCA, IMAP client).	
	LastTuiAccessTime	datetime (8 bytes)	The last time the user accessed the external service through the TUI.	
	LoginType	int (4 bytes)	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it).	MailboxLoginType
	RequiredSecurity	int (4 bytes)	The method of encryption that Cisco Unity Connection will use on the connection with this external service.	MailstoreConnectionEncryption
	Server	lvarchar (256 characters)	The name of the server on which the external service runs.	
	ServiceAlias	lvarchar (256 characters)	The unique text name (e.g., logon name) for a service to use to logon to the external service.	
	ServicePassword	varchar (254 characters)	The password for logon to the external service.	
	ServiceType	int (4 bytes)	The type of external service (e.g., WebDAV, IMAP, MPE).	MailboxStoreType
PK	SubscriberObjectId	char (36 characters)	The unique identifier of the User account object that is mapped to the external service.	ObjectID
PK	UserId	nvarchar (110 characters)	The unique text name (e.g., logon name) used by the User to logon to the service.	
	UserPassword	varchar (254 characters)	The user password for logon to the external service.	
	UseServiceCredentials	smallint (2 bytes)	A flag indicating whether to use service credentials rather than user credentials to logon to the external service.	Bool

Stored Procedures

vw_SubscriberExternalServiceMapDetail has no stored procedures.

Column Properties

DialString

Property Name	Value
Description:	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Notes:	Valid only for a MeetingPlace Express external service.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.DialString
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ExternalServiceObjectId

Property Name	Value
Description:	The unique identifier of the external service object to which the user is mapped.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsEnabled

Property Name	Value
Description:	A flag indicating whether the external service is enabled.
Notes:	Values: 0: The external service is disabled. 1: The external service is enabled.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.Mounted
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastGuiAccessTime

Property Name	Value
Description:	The last time the user accessed the external service through the GUI (e.g., CPCA, IMAP client).
Notes:	A NULL value indicates the external service has never been access via the GUI. Timestamp stored in GMT/UTC.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.LastGuiAccessTime
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastTuiAccessTime

Property Name	Value
Description:	The last time the user accessed the external service through the TUI.
Notes:	A NULL value indicates the external service has never been access via the TUI. Timestamp stored in GMT/UTC.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.LastTuiAccessTime
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it).
Notes:	Applies only to MPE external service currently. The default is to use the user alias. Values: 0: Users alias used for login 1: Login as guest 2: Login using mailboxid (or part of it)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxLoginType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailboxLoginType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiredSecurity

Property Name	Value
Description:	The method of encryption that Cisco Unity Connection will use on the connection with this external service.
Notes:	Values: 0: No encryption. 1: TLS level encryption. 2: SSL encryption. 3: IPSec encryption.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.RequiredSecurity
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailstoreConnectionEncryption
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Server

Property Name	Value
Description:	The name of the server on which the external service runs.
Notes:	For UMSS, the server name within the VMS configuration.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.Server
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ServiceAlias

Property Name	Value
Description:	The unique text name (e.g., logon name) for a service to use to logon to the external service.
Notes:	Must have access to all users messages ("superuser").
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ServiceAlias
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	
SQL Data Type/Length:	lvvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ServicePassword

Property Name	Value
Description:	The password for logon to the external service.
Notes:	Encrypted/decrypted by clients.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ServicePassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ServiceType

Property Name	Value
Description:	The type of external service (e.g., WebDAV, IMAP, MPE).

Property Name	Value
Notes:	Values: 0: UMSS - Cisco Unity Connection message store solution. 1: IMAP - external, non-UMSS, mailstore accessed via IMAP. 2: POP3 - external, non-UMSS, mailstore accessed via POP3. 3: WebDAV - used to retrieve personal contacts (although could potentially be used to get messages) 4: Used by the Common Calendaring Library to retrieve calendaring and meeting information from the Meeting Place Express web service.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.MailboxStoreType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailboxStoreType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the User account object that is mapped to the external service.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

UserId

Property Name	Value
Description:	The unique text name (e.g., logon name) used by the User to logon to the service.
Notes:	For users with mailboxes on UMSS, the objectid of the UMSS mailbox object is contained here. For users with mailboxes on an other mail store such as Exchange or Domino, the user's legacy Exchange DN or primary SMTP address is stored here.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (110 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	110 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserPassword

Property Name	Value
Description:	The user password for logon to the external service.
Notes:	Encrypted/decrypted by clients.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxPassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseServiceCredentials

Property Name	Value
Description:	A flag indicating whether to use service credentials rather than user credentials to logon to the external service.
Notes:	Values: 0: Use user credentials to logon to this external service 1: Use service credentials to logon to this external service
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.UseServiceCredentials
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.179. vw_SubscriberPolicy

Internal use only.

Additional Information

Quick view for the Admin team until they can handle doing their own joins

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	displayname	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	dtmfaccessid	nvarchar (40 characters)	The dialable number.	DtmfAccessId
	firstname	nvarchar (64 characters)	The first name (i.e., givenName) of this user. Not their surname nor middle name.	Name
	lastname	nvarchar (64 characters)	The last name (i.e., surname or family name) of this user, by which a user is commonly known.	Name
PK	policyobjectid	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Policy object.	ObjectID
	roleobjectid	char (36 characters)	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."	ObjectID
	targethandlerobjectid	char (36 characters)	The unique identifier of the Handler object to which this policy applies.	ObjectID
PK	userobjectid	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID

Stored Procedures

vw_SubscriberPolicy has no stored procedures.

Column Properties

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

displayname

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns. If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$

Property Name	Value
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

dtmfaccessid

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ \% \? \(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

firstname

Property Name	Value
Description:	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Notes:	The firstname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.
Business Rules:	This column is optional - not required to create a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.FirstName
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

lastname

Property Name	Value
Description:	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Notes:	The lastname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.
Business Rules:	This column is optional - not required to create a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.LastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

policyobjectid

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Policy object.

Property Name	Value
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Policy.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

roleobjectid

Property Name	Value
Description:	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Policy.RoleObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

targethandlerobjectid

Property Name	Value
Description:	The unique identifier of the Handler object to which this policy applies.
Notes:	
Business Rules:	Only one Target may be specified for a Policy.
Developer Notes:	
Table/Column Mapping:	tbl_Policy.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

userobjectid

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.180. vw_SubscriberReference

Returns a list of objects that reference this subscriber.

Additional Information

Call Handlers and Interviews handlers can have a subscriber as a recipient. Further, in several places where we can reference a Call Handler tha can actually refer to the primary call handler of a subscriber. This view looks for both types of references.

The "objectid" column is the subscriber object id. The information returned is meant to be "human readable", so the name of the object and reference type of each reference is returned (not ObjectID).

This view is used by CUSA when deleting a user for reference substitution.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	Display name of object that references the subscriber.	DisplayName
PK	ObjectId	char (36 characters)	Unique identifier of the subscriber that is referenced by an object.	ObjectID
	ReferenceType	nvarchar (24 characters)	Type of reference (e.g., After Greeting, After Mesage, Routing Rule, etc.)	Subscriber-Reference-Type
	ReferrerObjectId	char (36 characters)	Unique identifier of the object that refers to the subscriber identified by the ObjectId column.	ObjectID
	ReferrerObjectType	smallint (2 bytes)	Type of the object that refers to this subscriber.	ObjectType

Stored Procedures

vw_SubscriberReference has no stored procedures.

Column Properties

DisplayName

Property Name	Value
Description:	Display name of object that references the subscriber.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DisplayName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	Unique identifier of the subscriber that is referenced by an object.
Notes:	When other tables want to reference a row in this table, this is the value used to do it.
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_Handler.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReferenceType

Property Name	Value
Description:	Type of reference (e.g., After Greeting, After Mesage, Routing Rule, etc.)
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	SubscriberReferenceType
SQL Data Type/Length:	nvarchar (24 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ReferrerObjectId

Property Name	Value
Description:	Unique identifier of the object that refers to the subscriber identified by the ObjectId column.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReferrerObjectType

Property Name	Value
Description:	Type of the object that refers to this subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.181. vw_SubscriberTemplate

Provides default values for new voice mail user (subscriber) properties when creating a new voice mail user.

Additional Information

This view is comprised of the columns in the tbl_User and tbl_UserSubscriber tables, plus an additional column - VoiceName - that is defined in tbl_StreamFile.FileName.

The template also contains rules for generating names for subscribers such as display names. A subscriber template does not contain those properties that are unique to a user or that cannot be assigned en mass (user name attributes and credential, for example).

Basing new user accounts on a template minimizes the number of settings that must be modified on individual user accounts, making the job of creating users easier. It is important to note that changes to settings in a template do not affect any existing user accounts that were based on that template. Once you create users, you cannot use a template to modify them.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Address	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.	
	AddressAfterRecord	smallint (2 bytes)	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.	Bool
	AddressMode	smallint (2 bytes)	The default method the subscriber will use to address messages to other subscribers.	AddressMode
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	AnnounceUpcoming-Meetings	int (4 bytes)	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.	
	AssistantRowsPerPage	int (4 bytes)	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.	
	BillingId	nvarchar (32 characters)	Accounting information or project code associated with this user.	
	Building	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).	
	CallAnswerTimeout	int (4 bytes)	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.	
	CallHandlerObjectId	char (36 characters)	The unique identifier of the primary CallHandler object for the subscriber.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	CantChange	smallint (2 bytes)	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).	Bool
	City	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.	
	ClientMatterCode	varchar (40 characters)	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.	ClientMatter-Code
	ClockMode	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.	ClockMode
	ConfirmationConfidenceThreshold	int (4 bytes)	Voice Recognition Confirmation Confidence Threshold	
	ConfirmDeleteDeletedMessage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.	Bool
	ConfirmDeleteMessage	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.	Bool
	ConfirmDeleteMultipleMessages	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.	Bool
	ConversationTui	nvarchar (64 characters)	The name of the conversation the subscriber uses to set up, send, and retrieve messages.	Conversation-Name
	ConversationVui	nvarchar (64 characters)	The VUI conversation assigned to the subscriber.	Conversation-Name
	CosObjectId	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.	ObjectID
	Country	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.	
	CreationTime	datetime (8 bytes)	The date and time the user account was created.	
	DelayAfterGreeting	int (4 bytes)	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	DeletedMessage-SortOrder	smallint (2 bytes)	The order in which Cisco Unity Connection presents deleted messages to the subscriber.	Message-SortOrder
	Department	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.	
	DisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	DisplayNameRule	smallint (2 bytes)	The format for generating the user display name.	Display-NameRule
	DoesntExpire	smallint (2 bytes)	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).	Bool
	EnableMessageLocator	smallint (2 bytes)	A flag indicating whether the message locator feature is enabled for the subscriber.	Bool
	EnablePersonalRules	smallint (2 bytes)	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.	Bool
	EnableTts	smallint (2 bytes)	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.	Bool
	EnableVisualMessage-Locator	smallint (2 bytes)	A flag indicating whether the visual message locator feature is enabled for the subscriber.	Bool
	EnAltGreetDontRing-Phone	smallint (2 bytes)	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.	Bool
	EnAltGreetPreventMsg	smallint (2 bytes)	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.	Bool
	EnAltGreetPreventSkip	smallint (2 bytes)	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.	Bool
	EncryptPrivateMessages	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.	Bool
	Exit_Action	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.	CallAction
	Exit_TargetConversation	nvarchar (64 characters)	The name of the conversation to which the caller is routed.	Conversation-Name
	Exit_TargetHandlerObjectId	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.	ObjectID
	ExitCallActionObjectId	char (36 characters)	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	FirstDigitTimeout	int (4 bytes)	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.	
	ForcedAuthorization-Code	varchar (40 characters)	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.	ForcedAuthorizationCode
	GreetByName	smallint (2 bytes)	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.	Bool
	InboxAutoRefresh	int (4 bytes)	The rate (in minutes) at which Unity Inbox performs a refresh.	
	InboxAutoResolveMessageRecipients	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.	Bool
	InboxMessagesPerPage	int (4 bytes)	The number of messages Unity Inbox displays in a page.	
	InterdigitDelay	int (4 bytes)	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.	
	IsClockMode24Hour	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.	Bool
	IsSetForVmEnrollment	smallint (2 bytes)	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.	Bool
	IsVmEnrolled	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.	Bool
	JumpToMessagesOnLogin	smallint (2 bytes)	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.	Bool
	Language	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.	Language-Code
	ListInDirectory	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.	Bool
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this user belongs.	ObjectID
	MailboxDn	lvarchar (392 characters)	The distinguished name of the mailbox.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	MailboxStoreObjectId	char (36 characters)	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.	ObjectID
	Manager	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.	
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId	ObjectID
	MessageAgingPolicyObjectId	char (36 characters)	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.	ObjectID
	MessageLocator-SortOrder	smallint (2 bytes)	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.	Message-SortOrder
	MessageTypeMenu	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.	Bool
	NewMessageSortOrder	smallint (2 bytes)	The order in which Cisco Unity Connection will sort new messages.	Message-SortOrder
	NewMessageStackOrder	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "new" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices	MessageStack-Order
	NotificationType	smallint (2 bytes)	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.	Notification-Type
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID
	PabLastImported	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.	
	PcaAddressBook-RowsPerPage	int (4 bytes)	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	PcaHomePage	lvvarchar (256 characters)	The Home Page is the first page that is displayed after logging in to the PCA.	
	PostalCode	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.	
	PromptSpeed	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.	
	PromptVolume	int (4 bytes)	The volume level for playback of system prompts.	Volume
	ReadOnly	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.	Bool
	ReceiveQuota	int (4 bytes)	The mailbox size (in bytes) receive limit.	
	RecordUnknownCaller-Name	smallint (2 bytes)	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.	Bool
	RepeatMenu	int (4 bytes)	The number of times to repeat a menu in TUI.	
	RingPrimaryPhoneFirst	smallint (2 bytes)	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.	Bool
	RouteNDRToSender	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.	Bool
	SavedMessageSortOrder	smallint (2 bytes)	The order in which Cisco Unity Connection will sort saved messages.	Message-SortOrder
	SavedMessageStack-Order	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "saved" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices	Mes- sageStack- Order
	SayAltGreetWarning	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.	Bool
	SayAni	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.	Bool
	SayCopiedNames	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	SayDistributionList	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.	Bool
	SayMsgNumber	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.	Bool
	SaySender	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.	Bool
	SaySenderExtension	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.	Bool
	SayTimestampAfter	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.	Bool
	SayTimestampBefore	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.	Bool
	SayTotalNew	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.	Bool
	SayTotalNewEmail	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.	Bool
	SayTotalNewFax	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.	Bool
	SayTotalNewVoice	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.	Bool
	SayTotalReceipts	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.	Bool
	SayTotalSaved	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.	Bool
	SendBroadcastMsg	smallint (2 bytes)	A flag indicating whether the subscriber may send broadcast messages.	Bool
	SendConv	smallint (2 bytes)	Type of send conversation to use - standard or streamlined.	SendConversationType
	SendQuota	int (4 bytes)	The mailbox size (in bytes) send limit.	
	SendReadReceipts	smallint (2 bytes)	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	SkipPassword-ForKnownDevice	smallint (2 bytes)	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.	Bool
	SpeechCompleteTimeout	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>	
	SpeechConfidenceThreshold	int (4 bytes)	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.	
	SpeechIncompleteTimeout	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>	

Key	Name	SQL Data Type/Length	Description	Custom Type
	SpeechSensitivity	int (4 bytes)	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.	
	SpeechSpeedVsAccuracy	int (4 bytes)	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.	
	Speed	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.	
	State	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.	
	SynchScheduleObjectId	char (36 characters)	The unique identifier of the Schedule object to use for synchronization Calendar information from groupware (such as Exchange).	ObjectID
	TimeZone	int (4 bytes)	The time zone to which this user account is associated.	
	Undeletable	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UpdateBroadcastMsg	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.	Bool
	UseBriefPrompts	smallint (2 bytes)	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.	Bool
	UseDefaultLanguage	smallint (2 bytes)	Set to true (1) if call handler is using default language from the location it belongs to.	Bool
	UseDefaultTimeZone	smallint (2 bytes)	Set to true (1) if the TimeZone is derived from the location to which this call handler belongs.	Bool
	UseVui	smallint (2 bytes)	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid
	VoiceNameRequired	smallint (2 bytes)	A flag indicating whether a recorded voice name is required for this subscriber.	Bool
	Volume	int (4 bytes)	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.	Volume
	WarningQuota	int (4 bytes)	The mailbox size (in bytes) warning limit.	

Stored Procedures

Name	Description
csp_SubscriberTemplateCreate	Creates a new Subscriber template, either from scratch or based on an existing template or user, by inserting a new row into tbl_UserSubscriber and tbl_User.
csp_SubscriberTemplateDelete	Deletes a Subscriber template from tbl_UserSubscriber as specified by the @ObjectId parameter.
csp_SubscriberTemplateModify	Updates the attributes of a Subscriber template based on the values passed in via the parameters. The @ObjectId identifies the Subscriber object in tbl_UserSubscriber that is updated.

Column Properties

Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	This address may not necessarily be the same as the address where the user receives letters or parcels (i.e. postal address). This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Address
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AddressAfterRecord

Property Name	Value
Description:	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.
Notes:	Values: 0: Prompt subscriber to address message before recording. 1: Prompt subscriber to address message after recording.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.AddressAfterRecord
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

AddressMode

Property Name	Value
Description:	The default method the subscriber will use to address messages to other subscribers.
Notes:	Used by the conversation to determine how the conversation prompts subscribers to address messages to other subscribers. If an organization does not require first and last names be entered for their users, then this column should be set to "address by extension" for all subscribers. Note that subscribers can switch between spelling by name and addressing by extension by pressing ## over the phone, however when using spelling by name, the first and last name order can be set only by an administrator via Cisco Unity Connection Administration or a user via Cisco PCA. Subscribers can address messages over the phone by one of the following method listed below. Values: 0: Address by spelling last name and then first name. 1: Address by extension number. 2: Address by spelling first name and then last name.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_UserSubscriber.AddressMode
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	AddressMode
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AnnounceUpcomingMeetings

Property Name	Value
Description:	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.
Notes:	When this is set to 60, the subscriber will be reminded of any upcoming meetings within the next hour. To turn off meeting reminders, set this to 0.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.AnnounceUpcomingMeetings
Primary Key:	False
Allow Null:	False
Default Value:	60
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	525600

AssistantRowsPerPage

Property Name	Value
Description:	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.AssistantRowsPerPage
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	99

BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	The BillingID can be used in report generation to group call activity for subscribers. For example, to group the call activity for all subscriber in the same department or those subscribers who are part of the same billing group on a phone system.
Business Rules:	If a BillingID exists for a user, it is logged for all phone activity for a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.BillingId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or Unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Building
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

CallAnswerTimeout

Property Name	Value
Description:	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
Notes:	This applies only to subscribers with the personal call routing rules feature enabled. The CFNA setting of the phone are still in effect.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.CallAnswerTimeout
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	60

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the primary CallHandler object for the subscriber.
Notes:	The call handler determines how calls to the subscriber mailbox are handled, which greeting is played, and what options callers are given during after the greetings.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.CallHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CantChange

Property Name	Value
Description:	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).
Notes:	<p>Most organizations normally want to allow users to change their credentials. However, there are cases where this may not be desired. For example, in a scenario when more than one user has access to the same account; an administrator can set the credential, inform the users of the value of the credential, and not allow the users to change it.</p> <p>Values: 0: User is allowed to change their credential 1: User cannot change their credential</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.CantChange
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	PA Speech Enabled Name Dialing uses 'city' as a disambiguation method when duplicate names are present.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.City
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ClientMatterCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ClientMatterCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

ClockMode

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Notes:	<p>Values:</p> <p>0: The time format (12 or 24-hour) based on the 'system' setting.</p> <p>1: Message timestamps are played to the subscriber using a 12-hour clock. For example, subscribers hear 1:00 PM when listening to a timestamp for a message left at 1:00 PM.</p> <p>2: Message timestamps are played to the subscriber using a 24-hour clock. For example, subscribers hear 13:00 when listening to a timestamp for a message left at 1:00 PM.</p>
Business Rules:	
Developer Notes:	Deprecating this - use IsClockMode24Hour instead
Table/Column Mapping:	tbl_UserSubscriber.ClockMode
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	ClockMode
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConfirmationConfidenceThreshold

Property Name	Value
Description:	Voice Recognition Confirmation Confidence Threshold
Notes:	<p>Specifies the confidence level at which the voice recognition conversation will bypass requesting confirmation from the user. For example, if the threshold value is set so that confirmations will be requested when the confidence level is low, an unclear "delete" from the user will result in the user hearing "are you sure you want to delete?" Increasing the threshold value results in more frequent confirmation requests.</p> <p>Set the value to 0 (zero) to never request confirmation; set to 100 to always request confirmation.</p>
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ConfirmationConfidenceThreshold
Primary Key:	False
Allow Null:	False
Default Value:	60
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

ConfirmDeleteDeletedMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.
Notes:	<p>To delete a deleted message, the subscriber must belong to a class of service that allows them to retain and review deleted messages.</p> <p>Values:</p> <p>0: Cisco Unity Connection will proceed with a deletion of a single deleted message without requesting confirmation from a subscriber.</p> <p>1: Cisco Unity Connection will request confirmation from subscribers before proceeding with a deletion of a single deleted message.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ConfirmDeleteDeletedMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConfirmDeleteMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Notes:	Values: 0: Cisco Unity Connection will not request confirmation from a subscriber before proceeding with a deletion of a single new or saved message. 1: Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ConfirmDeleteMessage
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConfirmDeleteMultipleMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.
Notes:	Values: 0: Cisco Unity Connection does not prompt the subscriber to choose, and instead permanently deletes the type of messages you specify: either deleted voice messages or all deleted messages (voice, fax, and e-mail, as applicable). 1: Cisco Unity Connection allows the subscriber to choose which messages they want to delete; subscriber can either delete their deleted voice messages or delete all of their deleted messages.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ConfirmDeleteMultipleMessages
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ConversationTui

Property Name	Value
Description:	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Notes:	
Business Rules:	The default value is the standard Unity TUI subscriber conversation - SubMenu.
Developer Notes:	In the Unity 4.x SA and product documentation, this column is referred to as "Conversation Style." If the column is NULL, then the standard Unity TUI conversation is assumed to be the default.
Table/Column Mapping:	tbl_UserSubscriber.ConversationTui
Primary Key:	False
Allow Null:	True
Default Value:	SubMenu
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ConversationVui

Property Name	Value
Description:	The VUI conversation assigned to the subscriber.

Property Name	Value
Notes:	The "UseVui" column is the flag indicating whether the subscriber is using a Vui or Tui conversation.
Business Rules:	The default value is the VuiStart conversation.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ConversationVui
Primary Key:	False
Allow Null:	True
Default Value:	VuiStart
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	The Class of Service (COS) specifies the features for which a user is licensed and limits such as recording limits. See tbl_COS table for more details.
Business Rules:	A user object is not required to have a COS associated with it. For example, a user who does not have any subscriptions to services such as voice mail or PA would not have a COS.
Developer Notes:	
Table/Column Mapping:	tbl_User.CosObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Country
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (2 characters)
Validation - Expression:	^[a-zA-Z]*\$
Validation - Description:	ASCII lower or upper case alphabetical character only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the user account was created.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DelayAfterGreeting

Property Name	Value
Description:	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Notes:	NULL indicates to use system setting for this.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.DelayAfterGreeting
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50000

DeletedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Notes:	Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.DeletedMessageSortOrder
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	2
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Department
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.

Property Name	Value
Business Rules:	<p>The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns.</p> <p>If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.</p>
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayNameRule

Property Name	Value
Description:	The format for generating the user display name.
Notes:	<p>If an organization uses a format other than those listed, one of these options must be used anyway, then manually adjust the display name in each user account.</p> <p>For Japanese, a value of 2 must be used.</p> <p>Values:</p> <p>1: First name, then last name.</p> <p>2: Last name, then first name.</p>
Business Rules:	<p>The rule for automatically generating the display name uses the user "FirstName" and "LastName" columns.</p> <p>If neither the user firstname or lastname columns are populated, the display name shall be composed using the user "Alias" column.</p>
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.DisplayNameRule
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	DisplayNameRule
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DoesntExpire

Property Name	Value
Description:	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).
Notes:	<p>The scope of this setting is per credential. It enables an administrator to disable credential expiration on a per credential/user basis while maintaining a credential expiration policy for all users on the system. See tbl_Credential->DoesntExpire for more information.</p> <p>Values: 0: The user credential will automatically expire. The expiration of the credential is controlled by the value of the column tbl_CredentialPolicy->MaxDays. 1: The user credential will not automatically expire.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.DoesntExpire
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableMessageLocator

Property Name	Value
Description:	A flag indicating whether the message locator feature is enabled for the subscriber.

Property Name	Value
Notes:	Values: 0: Message locator feature is disabled for subscriber 1: Message locator feature is enabled for subscriber
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnableMessageLocator
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnablePersonalRules

Property Name	Value
Description:	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.
Notes:	Defaults to 1 (true) so that it is enabled by default, if it is enabled in COS. Values: 0: Call routing rules disabled for subscriber 1: Call routing rules enabled for subscriber
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnablePersonalRules
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

EnableTts

Property Name	Value
Description:	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Notes:	Defaults to 1 (true) so that it is enabled by default, if it is enabled in COS. Values: 0: TTS is disabled for the subscriber 1: TTS is enabled for the subscriber
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnableTts
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnableVisualMessageLocator

Property Name	Value
Description:	A flag indicating whether the visual message locator feature is enabled for the subscriber.
Notes:	The visual message locator feature presents a list of messages on the subscriber's IP phone display for the subscriber to select from visually.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnableVisualMessageLocator
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnAltGreetDontRingPhone

Property Name	Value
Description:	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.
Notes:	<p>Values:</p> <p>0: Ring the phone.</p> <p>1: Send the caller to the alternate greeting.</p> <p>This setting overrides the subscriber setting to ring the phone.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnAltGreetDontRingPhone
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnAltGreetPreventMsg

Property Name	Value
Description:	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.

Property Name	Value
Notes:	Values: 0: If alternate greeting is active, callers can leave a message for the subscriber 1: If alternate greeting is active, callers cannot leave a message for the subscriber
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnAltGreetPreventMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EnAltGreetPreventSkip

Property Name	Value
Description:	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Notes:	Values: 0: If alternate greeting is active, callers cannot skip the greeting 1: If alternate greeting is active, callers can skip the greeting
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EnAltGreetPreventSkip
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

EncryptPrivateMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Notes:	Values: 0: Do not encrypt private messages. 1: Encrypt private messages. This column only applies to messages marked private.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.EncryptPrivateMessages
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Exit_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	Values: 0: Ignore - no action taken. 1: Hangup - the call is immediately terminated. 2: Goto - go to an object such as a call handler, directory handler or interview handler. 3: Error - play the error greeting. 4: Take a message. 5: Skip greeting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.Action
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	CallAction

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Exit_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.

Property Name	Value
Notes:	<p>The TargetConversation needs to be set if tbl_CallAction.Action is set to 2 (goto). Conversations, both subscriber and routable, can be created and added to the system dynamically. As such it is not possible to capture a complete list of all possible conversations here. In Unity Connection 2.1(0), the conversations that are included by default are:</p> <ul style="list-style-type: none"> * AD - alpha directory conversation. Sends the call to the specified directory handler. * AttemptForward - attempt forward. Forwards the call if the forwarding station belongs to a subscriber. The calling number is used as the ID, and if the extension is found, the call is forwarded to the subscriber greeting. If the extension is not found, the next rule in the routing table is applied to the call information. * AttemptSignIn - attempt sign-in. Sends the call to the subscriber logon conversation, if the calling number belongs to a subscriber. The calling number is used as the ID. If the call is not from a subscriber, the next rule in the routing table is applied to the call information. * BroadcastMessageAdministrator - broadcast message administrator. * ConvCVMBoxReset - CVM mailbox reset. This is a special conversation for the Community Voice Mail project and is not used in a standard Cisco Unity Connection system. Cisco Unity Connection sends the call to a conversation that allows a subscriber (normally a "Case Worker") to reset a client's mailbox. * ConvHotel - hospitality conversation. When the Cisco Unity Connection Hospitality and Property Management Integration has been installed, this option sends the call to a conversation that allows hotel guests to access archived messages after they have checked out. * ConvUtilsLiveRecord - start live record * EasySignIn - easy sign-in. This is a special subscriber sign in conversation that will log the caller into the mailbox for the greeting being played. This should only be associated with menu entry keys as a rule. * GreetingsAdministrator - greetings administrator (Example, when the office is unexpectedly closed because of bad weather, the owner of a call handler or distribution list can call Cisco Unity Connection from home to enable the alternate Opening Greeting, or rerecord a call handler greeting to state that the office is closed.) * PHGreeting - greeting conversation. Sends the call to the greeting of the specified subscriber. * PHInterview - interview handler conversation. Sends the call to the specified interview handler. * PHTransfer - transfer conversation. Sends the call to the specified call handler. * SubMenu - standard conversation. * SubMenuOpt1 - optional conversation 1. * SubMenu_AlternateN - alternate keypad mapping (N). * SubMenu_AlternateS - alternate keypad mapping (S). * SubMenu_AlternateX - alternate keypad mapping (X). * SubMenu_Alternate_Custom - custom keypad mapping. * SubNotify - message delivery. * SubSignIn - sign-in. Sends the call to the subscriber logon conversation, which prompts the caller to enter an ID. * SubSystemTransfer - subscriber system transfer. Sends the call to a conversation that allows subscribers to transfer to a number that they specify. Subscribers are prompted to log on and then can enter numbers that are not associated with Cisco Unity Connection subscribers such as lobby and conference room phones, and even phone numbers outside the organization. Cisco Unity Connection performs the transfer only when the subscriber restriction table permits it. * SystemTransfer - caller system transfer. Sends the call to a conversation that allows unidentified callers to transfer to a number that they specify. For example, callers may want to dial a lobby or conference room phone that is not associated with a Cisco Unity Connection subscriber. Cisco Unity Connection performs the transfer only when the default system transfer restriction table permits it. * VuiStart - voice recognition.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_CallAction.TargetConversation
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ConversationName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Exit_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	Depending on which conversation is the target as specified by the TargetConversation column, the type of object specified here will differ. See the TargetConversation column for more information.
Business Rules:	The default value should be the objectId of the "Goodbye" call handler.
Developer Notes:	Looks like this links to one of the Handlers always, so we should be able to change TargetObjectId to HandlerObjectId and remove the TargetObjectIdType column.
Table/Column Mapping:	tbl_CallAction.TargetHandlerObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ExitCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.
Notes:	The default value for this column should be the object id of the call action associated with sending the call to the "Opening Greeting" call handler.
Business Rules:	
Developer Notes:	This one column replaces the ExitAction, ExitObjectId and ExitObjectType columns that were in the SubscriberTemplate table prior to Unity 5.x.
Table/Column Mapping:	tbl_UserSubscriber.ExitCallActionObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstDigitTimeout

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.FirstDigitTimeout
Primary Key:	False
Allow Null:	False
Default Value:	5000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	500

Property Name	Value
Validation - Maximum Value:	10000

ForcedAuthorizationCode

Property Name	Value
Description:	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Notes:	This applies only to subscribers with the personal call routing rules feature enabled.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ForcedAuthorizationCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ForcedAuthorizationCode
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

GreetByName

Property Name	Value
Description:	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Notes:	Values: 0: Do not play the name. 1: Play the recorded voice name.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.GreetByName
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

InboxAutoRefresh

Property Name	Value
Description:	The rate (in minutes) at which Unity Inbox performs a refresh.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.InboxAutoRefresh
Primary Key:	False
Allow Null:	False
Default Value:	15
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	999

InboxAutoResolveMessageRecipients

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.

Property Name	Value
Notes:	<p>AutoResolve maps a recipient address entered in the To, Cc or Bcc fields, in any of the below supported addressing formats, to a subscriber or distribution list or private list, without requiring the intervention of the user.</p> <ul style="list-style-type: none"> * Subscriber Alias (Example: hsimpson) * Subscriber DisplayName (Example: Homer Simpson) * Subscriber LastName, FirstName (Example: Simpson, Homer) * Subscriber LastName FirstName (Example: Simpson Homer) * Subscriber FirstName, LastName (Example: Homer, Simpson) * Subscriber FirstName LastName (Example: Homer Simpson) * Subscriber Extension (Example: 46637) * DistributionList DisplayName (Example: All Subscribers - UNITY1) * DistributionList Alias (Example: allsubscribers) * DistributionList Extension (Example: 99991) * PrivateList DisplayName (Example: Unity Clients Team) * BlindAddress (Example: VPIM:101_59181, somebody@somedomain.com) <p>If AutoResolve is disabled, the user will always be prompted to resolve recipient addresses.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.InboxAutoResolveMessageRecipients
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

InboxMessagesPerPage

Property Name	Value
Description:	The number of messages Unity Inbox displays in a page.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.InboxMessagesPerPage
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	20
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	99

InterdigitDelay

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.InterdigitDelay
Primary Key:	False
Allow Null:	False
Default Value:	3000
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1000
Validation - Maximum Value:	10000

IsClockMode24Hour

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.

Property Name	Value
Notes:	<p>Possible Values:</p> <p>0: 12-Hour clock - The subscriber hears message timestamps in the time format of a 12-hour clock. For example, a subscriber will hear 1:00 PM when listening to the timestamp of a message left at 1:00 PM.</p> <p>1: 24-Hour clock - The subscriber hears message timestamps in the time format of a 24-hour clock. For example, a subscriber will hear 13:00 when listening to the timestamp of a message left at 1:00 PM.</p>
Business Rules:	
Developer Notes:	Previously this column contained three possible values, 12 hour, 24 hour, and a third value that signified use the system default setting. In Cisco Unity Connection, the "use system default setting" has been dropped. The 12/24 hour clock must be set for each user.
Table/Column Mapping:	tbl_UserSubscriber.IsClockMode24Hour
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsSetForVmEnrollment

Property Name	Value
Description:	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.
Notes:	<p>Values:</p> <p>0: The enrollment conversation is not played for the subscriber when they login</p> <p>1: The enrollment conversation is played for the subscriber when they login</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.IsVmEnrolled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsVmEnrolled

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.
Notes:	Values: 0: The enrollment conversation is not played for the subscriber when they login 1: The enrollment conversation is played for the subscriber when they login
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.IsVmEnrolled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

JumpToMessagesOnLogin

Property Name	Value
Description:	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.

Property Name	Value
Notes:	Subscribers will not hear message counts, their own name, top level menus, etc when this setting is active. Values: 0: Subscriber conversation does not jump directly to first message in the message stack after subscriber sign-in. 1: Subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.JumpToMessagesOnLogin
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.

Property Name	Value
Notes:	<p>NULL is not allowed because the subscriber language cannot be inherited. See customtype "LanguageCode" for more information.</p> <p>There is another language value for a subscriber that outside callers hear when they call this subscriber. This is set on the primary call handler for this subscriber and CAN be set to NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069</p>

Property Name	Value
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057

Property Name	Value
	2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	The default value for this column is derived from the user template.
Developer Notes:	Allowing NULL now.
Table/Column Mapping:	tbl_User.Language
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.
Notes:	<p>If the user is listed in the phone directory AND has a recorded voice name, outside callers can find this user by spelling their name when using a directory handler (NameLookupHandler). This value has no effect on other users addressing this user by name.</p> <p>Values: 0: Do not list the subscriber in the phone directory. 1: List the subscriber in the phone directory.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.ListInDirectory
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this user belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	Identifies a mailbox in foreign email system for use in synchronizing information stored there, such as calendar information for personal rules.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.MailboxDn
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (392 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	392 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.MailboxStoreObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Manager
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId
Notes:	Note that for transfers, the MediaSwitchObjectId for this subscriber is stored in tbl_TransferOption and is associated with their primary call handler. For message notification, the MediaSwitchObjectId is stored in tbl_NotificationDevices.
Business Rules:	
Developer Notes:	\$\$MIGRATION: tbl_Subscriber.SwitchId
Table/Column Mapping:	tbl_UserSubscriber.MediaSwitchObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MessageAgingPolicyObjectId

Property Name	Value
Description:	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.MessageAgingPolicyObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MessageLocatorSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Notes:	Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.MessageLocatorSortOrder
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MessageTypeMenu

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.

Property Name	Value
Notes:	<p>The "message type" menu that subscribers will hear is "Press 1 to hear voice messages. Press 2 to hear e-mails. Press 3 to hear faxes. Press 4 to hear receipts."</p> <p>Note that although the e-mail and fax options are available in the Message Type Menu, Cisco Unity Connection plays e-mails and faxes only when the subscriber is assigned to a class of service that has the Text to Speech (TTS) and FaxMail features enabled. With fax messages, Cisco Unity Connection plays only message properties (for example, the sender, date, and time).</p> <p>Values: 0: Do not play message type menu 1: Play message type menu</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.MessageTypeMenu
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NewMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort new messages.
Notes:	<p>Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.NewMessageSortOrder
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

NewMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "new" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	<p>This column consists of a sequence of seven digits with each digit representing a specific message type.</p> <p>For example, 1352467 indicates that new messages are played in the following order: Urgent voice first, then urgent fax, urgent e-mail followed by non-urgent voice, non-urgent fax, non-urgent e-mail messages, and then lastly receipts and notices.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.NewMessageStackOrder
Primary Key:	False
Allow Null:	False
Default Value:	1234567
Custom Type:	MessageStackOrder
SQL Data Type/Length:	nvarchar (7 characters)
Validation - Expression:	[1-7]{7}
Validation - Description:	A string of seven digits consisting of digits 1-7.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	7 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NotificationType

Property Name	Value
Description:	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Notes:	Values: 0: Classical - marking a message unread, read and back to unread will turn the notification (mwi) on, off and back on. 1: Modern - once a message has been touched (read) then it will not trigger notifications each time the message is marked unread and read again.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.NotificationType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	NotificationType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.PabLastImported
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PcaAddressBookRowsPerPage

Property Name	Value
Description:	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.PcaAddressBookRowsPerPage
Primary Key:	False
Allow Null:	False
Default Value:	5
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	1
Validation - Maximum Value:	99

PcaHomePage

Property Name	Value
Description:	The Home Page is the first page that is displayed after logging in to the PCA.
Notes:	In 4.05 and earlier versions, the home page is fixed. This setting allows users the flexibility to choose their home page. For example, a user may want to be taken directly to Unity Inbox after logging in, instead of the default home page that simply lists all the available applications in the PCA.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.PcaHomePage
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.

Property Name	Value
Notes:	A specific format for zip or postal codes is not required since these items differ so widely and can change at any time. This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.PostalCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PromptSpeed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Notes:	A value between 0 and 200 is allowed. Normal speed, the speed at which messages are recorded is a value of 100. Twice as fast as normal speed is a value of 200. Half as fast as normal speed is a value of 50.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.PromptSpeed
Primary Key:	False
Allow Null:	False
Default Value:	100
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0

Property Name	Value
Validation - Maximum Value:	200

PromptVolume

Property Name	Value
Description:	The volume level for playback of system prompts.
Notes:	A value of NULL indicates to use system setting instead.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.PromptVolume
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	Volume
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	Normally used only for system objects.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.ReadOnly
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ReceiveQuota

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	Values: -2: The default system quota is assigned. -1: The quota is unlimited. 1- n : Limit in bytes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.ReceiveQuota
Primary Key:	False
Allow Null:	False
Default Value:	-2
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RecordUnknownCallerName

Property Name	Value
Description:	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.
Notes:	This applies only to subscribers with the personal call routing rules feature enabled.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.RecordUnknownCallerName
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RepeatMenu

Property Name	Value
Description:	The number of times to repeat a menu in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.RepeatMenu
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	10

RingPrimaryPhoneFirst

Property Name	Value
Description:	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.
Notes:	This applies only to subscribers with the personal call routing rules feature enabled.
Business Rules:	Subscriber must have personal call routing rules enabled in their COS.

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.RingPrimaryPhoneFirst
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	<p>Values:</p> <p>0: Cisco Unity Connection will not route an NDR to the sender's mailbox. Rather Cisco Unity Connection will delete the NDR.</p> <p>1: Cisco Unity Connection will route an NDR to the sender's mailbox when the message is undeliverable. The NDR message will be presented in the new message stack. Cisco Unity Connection will activate the MWI similar to new voice messages. Cisco Unity Connection will also notify based on subscriber notification device settings when new NDR's are present in the subscriber mailbox similar to new voice messages.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.RouteNDRToSender
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SavedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort saved messages.
Notes:	Values: 1: LIFO - sort new messages first. 2: FIFO - sort old messages first.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SavedMessageSortOrder
Primary Key:	False
Allow Null:	False
Default Value:	2
Custom Type:	MessageSortOrder
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SavedMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "saved" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	This column consists of a sequence of seven digits with each digit representing a specific message type. For example, 1352467 indicates that saved messages are played in the following order: Urgent voice first, then urgent fax, urgent e-mail followed by non-urgent voice, non-urgent fax, non-urgent e-mail messages, and then lastly receipts and notices.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SavedMessageStackOrder
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	1234567
Custom Type:	MessageStackOrder
SQL Data Type/Length:	nvarchar (7 characters)
Validation - Expression:	[1-7]{7}
Validation - Description:	A string of seven digits consisting of digits 1-7.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	7 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SayAltGreetWarning

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.
Notes:	Values: 0: Do not notify the subscriber that their alternate greeting is turned on 1- Notify the subscriber when they login if their alternate greeting is turned on
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayAltGreetWarning
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayAni

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.

Property Name	Value
Notes:	Note that the phone system must send Cisco Unity Connection the ANI information. If Cisco Unity Connection is connected to a phone system that does not provide ANI information, even though this setting is enabled (1), there will be no change to the conversation i.e., as if the setting is disabled. Values: 0: ANI information is not played. 1: ANI information is played to the user.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayAni
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayCopiedNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.
Notes:	Values: 0: Do not announce copied names. 1: Announce copied names.
Business Rules:	
Developer Notes:	It may be implemented in the future. This is intended to provide a way for subscribers to hear which other subscribers were CC'd on a particular message, if they choose.
Table/Column Mapping:	tbl_UserSubscriber.SayCopiedNames
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayDistributionList

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Notes:	Values: 0: Do not announce the distribution list. 1: Announce the distribution list.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayDistributionList
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayMsgNumber

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.
Notes:	Values: 0: Do not play the message number. 1: Play the message number.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayMsgNumber

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SaySender

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Notes:	Values: 0: Do not announce the sender. 1: Announce the sender.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SaySender
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SaySenderExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Notes:	Values: 0: Do not play the extension information of the subscriber who sent the message. 1- After playing the sender's voice name, play the primary extension information of the subscriber who sent the message.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SaySenderExtension
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTimestampAfter

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Notes:	Values: 0: Do not announce the timestamp after each message is played. 1: Announce the timestamp after each message is played.
Business Rules:	Both the SayTimestampAfter and the SayTimestampBefore can be set to 1. However, this would be annoying to the subscriber. Both can also be disabled, resulting in no timestamp being played during message playback for a subscriber.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTimestampAfter
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTimestampBefore

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Notes:	Values: 0: Do not announce the timestamp before each message is played. 1: Announce the timestamp before each message is played.
Business Rules:	Both the SayTimestampAfter and the SayTimestampBefore can be set to 1. However, this would be annoying to the subscriber. Both can also be disabled, resulting in no timestamp being played during message playback for a subscriber.
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTimestampBefore
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNew

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.

Property Name	Value
Notes:	This number includes all voice, email, fax and receipt messages as applicable (depending on the subscriber COS settings). Values: 0: Do not announce total number of new messages. 1: Announce the total number of new messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTotalNew
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNewEmail

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.
Notes:	Applies only if TTS is installed and the subscriber's COS allows for it. Values: 0: Do not announce total number of new e-mail messages. 1: Announce the total number of new e-mail messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTotalNewEmail
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNewFax

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Notes:	Applies only if fax mail is enabled in the subscriber's COS. Values: 0: Do not announce total number of new fax messages. 1: Announce the total number of new fax messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	Not in Cisco Unity Connection. Integration with 3rd-party fax applications is not supported in Cisco Unity Connection.
Table/Column Mapping:	tbl_UserSubscriber.SayTotalNewFax
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalNewVoice

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.
Notes:	Values: 0: Do not announce total number of new voice messages. 1: Announce the total number of new voice messages in the subscriber mailbox.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTotalNewVoice
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalReceipts

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.
Notes:	Values: 0: Do not announce total number of new receipts. 1: Announce the total number of new receipts in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTotalReceipts
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SayTotalSaved

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Notes:	Includes all message types allowed by the subscriber COS that are marked as read in their mailbox. Values: 0: Do not announce total number of saved messages. 1: Announce the total number of saved messages in the subscriber mailbox.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SayTotalSaved
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber may send broadcast messages.
Notes:	Values: 0: Cannot send broadcast messages. 1: Can send broadcast messages.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SendBroadcastMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendConv

Property Name	Value
Description:	Type of send conversation to use - standard or streamlined.
Notes:	Values: 0: Standard 1: Streamlined
Business Rules:	
Developer Notes:	ekostenb - changed default to StreamLined per CSCsh55132
Table/Column Mapping:	tbl_UserSubscriber.SendConv
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	SendConverationType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendQuota

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	Values: -2: The default system quota is assigned. -1: The quota is unlimited. 1- n : Limit in bytes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.SendQuota
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	-2
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SendReadReceipts

Property Name	Value
Description:	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.SendReadReceipts
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SkipPasswordForKnownDevice

Property Name	Value
Description:	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.

Property Name	Value
Notes:	A "known device" is a phone number that is listed in tbl_DtmfAccessId or tbl_PhoneNumber. Values: 0: Subscriber will not be asked for their PIN when calling in from a known device. 1: Subscriber will be asked for their PIN when calling in from a known device.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SkipPasswordForKnownDevice
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SpeechCompleteTimeout

Property Name	Value
Description:	Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar. A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.
Notes:	VUI accessibility setting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SpeechCompleteTimeout
Primary Key:	False
Allow Null:	False
Default Value:	300
Custom Type:	
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	50000

SpeechConfidenceThreshold

Property Name	Value
Description:	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SpeechConfidenceThreshold
Primary Key:	False
Allow Null:	False
Default Value:	45
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

SpeechIncompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	VUI accessibility setting.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SpeechIncompleteTimeout
Primary Key:	False
Allow Null:	False
Default Value:	750
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	300
Validation - Maximum Value:	10000

SpeechSensitivity

Property Name	Value
Description:	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SpeechSensitivity
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

SpeechSpeedVsAccuracy

Property Name	Value
Description:	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SpeechSpeedVsAccuracy
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

Speed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.
Notes:	A value between 0 and 200 is allowed. Normal speed, the speed at which messages are recorded is a value of 100. Twice as fast as normal speed is a value of 200. Half as fast as normal speed is a value of 50.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.Speed
Primary Key:	False
Allow Null:	False
Default Value:	100
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	200

State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.State
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SynchScheduleObjectId

Property Name	Value
Description:	The unique identifier of the Schedule object to use for synchronization Calendar information from groupware (such as Exchange).
Notes:	Created for each subscriber at creation time. We allow NULL though, because we must create the schedule after the subscriber is created.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.SynchScheduleObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	<p>The TimeZone value refers to an entry in the table tbl_TimeZone.</p> <p>By default this value is NULL, which means the user is in the same time zone as the VMS on which their account resides. If, however, a user is checking messages from another time zone, this value can be set to associate them with any time zone.</p> <p>Since messages are all stored with time stamps in Universal Time Coordinated (UTC), Unity translates the times into the appropriate time zone on the fly when users are checking messages in the same way an email client does when showing you your inbox.</p>
Business Rules:	
Developer Notes:	In versions prior to Cisco Unity Connection, the bias was stored in the lower 16-bits of the integer and the upper 16-bits was reserved for an identifier.
Table/Column Mapping:	tbl_User.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeetable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Values: 0: Can be deleted 1: Cannot be deleted
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Undeetable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UpdateBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	Values: 0: Cannot update broadcast messages. 1: Can update broadcast messages.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.UpdateBroadcastMsg
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseBriefPrompts

Property Name	Value
Description:	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Notes:	Typically, as subscribers become more experienced with the system, they switch from full to brief menus to speed up the conversation. Values: 0: Turns brief menus off (full phone menus on). 1: Turns brief menus on.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.UseBriefPrompts
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	Set to true (1) if call handler is using default language from the location it belongs to.
Notes:	Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultTimeZone

Property Name	Value
Description:	Set to true (1) if the TimeZone is derived from the location to which this call handler belongs.
Notes:	Always use the TimeZone column, this is just an indicator as to whether or not it is set here specifically or is coming from the location.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

UseVui

Property Name	Value
Description:	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.
Notes:	<p>Values:</p> <p>0: Speech recognition conversation is not default conversation for the subscriber.</p> <p>1: Speech recognition conversation is the default conversation for the subscriber.</p> <p>This is different from the VUI class of service which indicates that the subscriber is allowed to use the VUI conversation.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.UseVui
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceNameRequired

Property Name	Value
Description:	A flag indicating whether a recorded voice name is required for this subscriber.
Notes:	Set to true (1) to force subscriber to record a voice name. Values: 0: Recorded voice name not required. 1: Recorded voice name is required. Subscriber required to record a voice name at next login.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.VoiceNameRequired
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Volume

Property Name	Value
Description:	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.

Property Name	Value
Notes:	<p>A value between 0 and 100 is allowed.</p> <p>Normal volume, the volume used to record a message is a value of 50.</p> <p>Twice as loud is a value of 100.</p> <p>Half as loud as normal volume is a value of 25.</p> <p>Note that the value is only used for message play back, not for other parts of the conversation.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserSubscriber.Volume
Primary Key:	False
Allow Null:	False
Default Value:	50
Custom Type:	Volume
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	100

WarningQuota

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	<p>Values:</p> <p>-2: The default system quota is assigned.</p> <p>-1: The quota is unlimited.</p> <p>1- n : Limit in bytes.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.WarningQuota
Primary Key:	False
Allow Null:	False
Default Value:	-2
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	

Property Name	Value
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.182. vw_TaskContext

A simple view for tbl_TaskContext.

A collection of named-value pairs associated with a task.

Additional Information

The primary purpose of this table is to provide a mechanism for clients so that they can optionally specify task-specific information to be used when tasks are executed. There can be N pairs per task.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	Name	varchar (64 characters)	The text name for the name value pair.	
PK	TaskPeriodicObjectId	char (36 characters)	The unique identifier of the TaskPeriodic object to which this named-value pair applies.	ObjectID
	Value	nvarchar (255 characters)	The value for the name, value pair.	

Stored Procedures

Name	Description
csp_TaskContextCreate	Creates a new TaskContext object by inserting a new row into tbl_TaskContext.
csp_TaskContextDelete	Deletes a TaskContext object from tbl_TaskContext as specified by the combination of the @Name and TaskPeriodicObjectId parameters.

Column Properties

Name

Property Name	Value
Description:	The text name for the name value pair.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskContext.Name
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TaskPeriodicObjectId

Property Name	Value
Description:	The unique identifier of the TaskPeriodic object to which this named-value pair applies.
Notes:	FK to the tbl_TaskPeriodic
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskContext.TaskPeriodicObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Value

Property Name	Value
Description:	The value for the name, value pair.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_TaskContext.Value
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.183. vw_TaskDefinition

A simple view for tbl_TaskDefinition.
A task that might be run on the system.

Additional Information

This table is used by the SA and SysAgent to run periodic and ad-hoc tasks

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	ClassName	varchar (255 characters)	The full name of the java class to load when running this task.	
	DisplayNameKey	varchar (255 characters)	A key into the localized text table, which provides a display name for this task.	
	IsAdHoc	smallint (2 bytes)	A flag indicating whether this task should be presented in the SA as a possible Ad-Hoc task to run. Ad Hoc tasks are those which are run "on-demand." They are run one time, and results from the tasks execution are displayed at that time.	Bool
	Summary	nvarchar (255 characters)	A summary of the task used for display purposes.	

Stored Procedures

Name	Description
csp_TaskDefinitionCreate	Creates a new TaskDefinition object by inserting a new row into tbl_TaskDefinition.
csp_TaskDefinitionDelete	Deletes a TaskDefinition object from tbl_TaskDefinition as specified by the combination of the @ClassName and @DisplayNameKey parameters.
csp_TaskDefinitionModify	Updates the attributes of a TaskDefinition object based on the values passed in via the parameters. The @ClassName and @DisplayNameKey parameters identify the TaskDefinition object that is updated.

Column Properties

ClassName

Property Name	Value
Description:	The full name of the java class to load when running this task.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskDefinition.ClassName
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayNameKey

Property Name	Value
Description:	A key into the localized text table, which provides a display name for this task.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskDefinition.DisplayNameKey
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsAdHoc

Property Name	Value
Description:	A flag indicating whether this task should be presented in the SA as a possible Ad-Hoc task to run. Ad Hoc tasks are those which are run "on-demand." They are run one time, and results from the tasks execution are displayed at that time.
Notes:	Values: 0: Not an Ad-Hoc task. 1: This is an Ad-Hoc task.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskDefinition.IsAdHoc
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Summary

Property Name	Value
Description:	A summary of the task used for display purposes.
Notes:	This value is filled in by client applications.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskDefinition.Summary
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

5.184. vw_TaskPeriodic

A simple view for tbl_TaskPeriodic.

A task which can be scheduled to run repeatedly, either by interval (i.e. every 15 minutes), or at a fixed time of day.

Additional Information

The tasks to be run by the SysAgent are stored here. Tasks represent units of processing which the SysAgent manages.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	ClassName	varchar (255 characters)	The full name of the java class to load when running this task.	
	DefaultDelayOnStart	int (4 bytes)	The original setting for DelayOnStart.	
	DefaultIsEnabled	smallint (2 bytes)	The original setting for IsEnabled	Bool
	DefaultPeriod	int (4 bytes)	The original setting for Period.	
	DefaultRunOnStart	smallint (2 bytes)	The original setting for RunOnStart.	Bool
	DefaultSchedExpression	nvarchar (255 characters)	The original setting for SchedExpression.	
	DelayOnStart	int (4 bytes)	The amount of time (in minutes) to delay before starting a task with a period. This does not apply to tasks using a schedule expression.	
	InstanceDetails	nvarchar (255 characters)	A string that may be used to further explain a schedule task. This in conjunction with the TaskDefinition.DisplayName should give the Admin a good idea what this task will be doing. Ex: TaskDefinition.DisplayName - MWI Resync TaskPeriodic.InstanceDetails - Switch #1	
	IsEnabled	smallint (2 bytes)	A flag indicating whether SysAgent should schedule this periodic task.	Bool
	IsReadOnly	smallint (2 bytes)	A flag to indicate if the SA should allow the schedule information for this periodic task to be edited.	Bool
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a TaskPeriodic object.	ObjectID
	Period	int (4 bytes)	The interval (in minutes) at which SysAgent will run the task.	
	RunOnStart	smallint (2 bytes)	A flag indicating whether this task will be run during startup.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	SchedExpression	nvarchar (255 characters)	The schedule expression used to schedule this task. This includes information such as when to start the task, when to end it and how often to run the task.	

Stored Procedures

Name	Description
csp_TaskPeriodicCreate	Creates a new TaskPeriodic object by inserting a new row into tbl_TaskPeriodic.
csp_TaskPeriodicDelete	Deletes a TaskPeriodic object from tbl_TaskPeriodic as specified by the @ObjectId parameter.
csp_TaskPeriodicModify	Updates the attributes of a TaskPeriodic object based on the values passed in via the parameters. The @ObjectId identifies the TaskPeriodic object that is updated.

Column Properties

ClassName

Property Name	Value
Description:	The full name of the java class to load when running this task.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.ClassName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultDelayOnStart

Property Name	Value
Description:	The original setting for DelayOnStart.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.DefaultDelayOnStart
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultIsEnabled

Property Name	Value
Description:	The original setting for IsEnabled
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.DefaultIsEnabled
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultPeriod

Property Name	Value
Description:	The original setting for Period.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.DefaultPeriod
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultRunOnStart

Property Name	Value
Description:	The original setting for RunOnStart.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.DefaultRunOnStart
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DefaultSchedExpression

Property Name	Value
Description:	The original setting for SchedExpression.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.DefaultSchedExpression
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DelayOnStart

Property Name	Value
Description:	The amount of time (in minutes) to delay before starting a task with a period. This does not apply to tasks using a schedule expression.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.DelayOnStart
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	2147483647

InstanceDetails

Property Name	Value
Description:	A string that may be used to further explain a schedule task. This in conjunction with the TaskDefinition.DisplayName should give the Admin a good idea what this task will be doing. Ex: TaskDefinition.DisplayName - MWI Resync TaskPeriodic.InstanceDetails - Switch #1
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.InstanceDetails
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsEnabled

Property Name	Value
Description:	A flag indicating whether SysAgent should schedule this periodic task.
Notes:	Values: 0: Task will not be scheduled by SysAgent. 1: Task will be scheduled by SysAgent.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.IsEnabled
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsReadOnly

Property Name	Value
Description:	A flag to indicate if the SA should allow the schedule information for this periodic task to be edited.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.IsReadOnly
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a TaskPeriodic object.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Period

Property Name	Value
Description:	The interval (in minutes) at which SysAgent will run the task.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.Period
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	10
Validation - Maximum Value:	2147483647

RunOnStart

Property Name	Value
Description:	A flag indicating whether this task will be run during startup.

Property Name	Value
Notes:	<p>This flag can be used alone (Period=null and SchedExpression=null) or in conjunction with them.</p> <p>Note that Period=X and RunOnStart=1 is the same as Period=X and RunOnStart=0. All tasks with Period!=null are run on startup and again every x minutes after that.</p> <p>Values: 0: This task is not run at startup 1: Run this task at startup</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TaskPeriodic.RunOnStart
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SchedExpression

Property Name	Value
Description:	The schedule expression used to schedule this task. This includes information such as when to start the task, when to end it and how often to run the task.

Property Name	Value																					
Notes:	<p>More details can be found at: http://quartz.sourceforge.net/javadoc/org/quartz/CronTrigger.html</p> <table><thead><tr><th>Field Name</th><th>Allowed Values</th><th>Allowed Special Characters</th></tr></thead><tbody><tr><td>Seconds</td><td>0-59</td><td>, - * /</td></tr><tr><td>Minutes</td><td>0-59</td><td>, - * /</td></tr><tr><td>Hours</td><td>0-23</td><td>, - * /</td></tr><tr><td>Day-of-month</td><td>1-31</td><td>, - * ? / L W C</td></tr><tr><td>Month</td><td>JAN-DEC</td><td>, - * /</td></tr><tr><td>Day-of-Week</td><td>MON- WED</td><td>, - * ? / L C #</td></tr></tbody></table> <p>EX:</p> <p>"0 0 12 * * ?" Fire at 12pm (noon) every day</p> <p>"0 15 10 ? * *" Fire at 10:15am every day</p> <p>"0 15 10 * * ?" Fire at 10:15am every day</p> <p>"0 15 10 * * ? *" Fire at 10:15am every day</p> <p>"0 * 14 * * ?" Fire every minute starting at 2pm and ending at 2:59pm, every day</p> <p>"0 0/5 14 * * ?" Fire every 5 minutes starting at 2pm and ending at 2:55pm, every day</p> <p>"0 0/5 14,18 * * ?" Fire every 5 minutes starting at 2pm and ending at 2:55pm, AND fire every 5 minutes starting at 6pm and ending at 6:55pm, every day</p> <p>"0 0-5 14 * * ?" Fire every minute starting at 2pm and ending at 2:05pm, every day</p> <p>"0 10,44 14 ? 3 WED" Fire at 2:10pm and at 2:44pm every Wednesday in the month of March.</p> <p>"0 15 10 ? * MON-FRI" Fire at 10:15am every Monday, Tuesday, Wednesday, Thursday and Friday</p> <p>"0 15 10 15 * ?" Fire at 10:15am on the 15th day of every month</p> <p>"0 15 10 L * ?" Fire at 10:15am on the last day of every month</p> <p>"0 15 10 ? * 6L" Fire at 10:15am on the last Friday of every month</p> <p>"0 15 10 ? * 6L" Fire at 10:15am on the last Friday of every month</p> <p>"0 15 10 ? * 6#3" Fire at 10:15am on the third Friday of every month</p>	Field Name	Allowed Values	Allowed Special Characters	Seconds	0-59	, - * /	Minutes	0-59	, - * /	Hours	0-23	, - * /	Day-of-month	1-31	, - * ? / L W C	Month	JAN-DEC	, - * /	Day-of-Week	MON- WED	, - * ? / L C #
Field Name	Allowed Values	Allowed Special Characters																				
Seconds	0-59	, - * /																				
Minutes	0-59	, - * /																				
Hours	0-23	, - * /																				
Day-of-month	1-31	, - * ? / L W C																				
Month	JAN-DEC	, - * /																				
Day-of-Week	MON- WED	, - * ? / L C #																				
Business Rules:																						
Developer Notes:																						
Table/Column Mapping:	tbl_TaskPeriodic.SchedExpression																					
Primary Key:	False																					
Allow Null:	True																					
Default Value:																						
Custom Type:																						
SQL Data Type/Length:	nvarchar (255 characters)																					
Validation - Expression:																						
Validation - Description:																						
Validation - Minimum Length:																						
Validation - Maximum Length:																						
Validation - Minimum Value:																						
Validation - Maximum Value:																						

5.185. vw_TimeZone

A simple view for tbl_TimeZone.

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Bias	int (4 bytes)	The number of minutes that need to be subtracted from the Coordinated Universal Time (UTC) to convert to standard time in this time zone.	
	DaylightBias	int (4 bytes)	The number of minutes (negative or positive) that need to be added to a standard local time to convert to daylight savings time. In most timezones, this value is -60 minutes.	
	DaylightEndDayOfWeek	smallint (2 bytes)	The day of week daylight savings ends on (0=Sunday, 6=Saturday).	TimezoneDayOfWeek
	DaylightEndHour	smallint (2 bytes)	The hour of the day expressed in 24-hour clock format (0-23) daylight savings time ends.	
	DaylightEndMonth	smallint (2 bytes)	The month daylight savings begins in (1=January, 12=December).	TimezoneMonth
	DaylightEndWeek	smallint (2 bytes)	The week of the month that daylight savings time ends.	TimezoneWeek
	DaylightStartDay-OfWeek	smallint (2 bytes)	The day of the week daylight savings starts on (0=Sunday, 6=Saturday).	TimezoneDayOfWeek
	DaylightStartHour	smallint (2 bytes)	The hour of the day expressed in 24-hour clock format (0-23) daylight savings time starts.	
	DaylightStartMonth	smallint (2 bytes)	The month daylight savings begins in (1=January, 12=December).	TimezoneMonth
	DaylightStartWeek	smallint (2 bytes)	The week of month that daylight savings time starts.	TimezoneWeek
	DisplayName	nvarchar (1024 characters)	The localized version of the string.	
PK	LanguageCode	int (4 bytes)	The language code (LCID) indicating the language of the text in the LocalizedName column.	Language-Code
PK	TimeZoneId	int (4 bytes)	The unique ID for this time zone entry.	

Stored Procedures

Name	Description
csp_TimeZoneLocalUtc	Converts local time to Coordinated Universal Time (UTC) using the provided timezone identifier.
csp_TimeZoneSet	Sets the time zone for a VMS. It sets the timezone in all user templates, default users, and for the VMS.
csp_TimeZoneUtcLocal	Converts Coordinated Universal Time (UTC) to local time using the provided timezone identifier.

Column Properties

Bias

Property Name	Value
Description:	The number of minutes that need to be subtracted from the Coordinated Universal Time (UTC) to convert to standard time in this time zone.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TimeZone.Bias
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightBias

Property Name	Value
Description:	The number of minutes (negative or positive) that need to be added to a standard local time to convert to daylight savings time. In most timezones, this value is -60 minutes.
Notes:	Use the start/end dates on daylight savings time to determine if this needs to be added or not.
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_TimeZone.DaylightBias
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightEndDayOfWeek

Property Name	Value
Description:	The day of week daylight savings ends on (0=Sunday, 6=Saturday).
Notes:	Values: 0: Sunday 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday
Business Rules:	
Developer Notes:	7 occurs - not sure what it means.
Table/Column Mapping:	tbl_TimeZone.DaylightEndDayOfWeek
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneDayOfWeek
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightEndHour

Property Name	Value
Description:	The hour of the day expressed in 24-hour clock format (0-23) daylight savings time ends.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TimeZone.DaylightEndHour
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	23

DaylightEndMonth

Property Name	Value
Description:	The month daylight savings begins in (1=January, 12=December).
Notes:	Values: 0: DST not in effect 1: January 10: October 11: November 12: December 2: February 3: March 4: April 5: May 6: June 7: July 8: August 9: September
Business Rules:	
Developer Notes:	Originally thought this was 0 based, but empirical evidence shows it to be 1 based.
Table/Column Mapping:	tbl_TimeZone.DaylightEndMonth
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	TimezoneMonth
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightEndWeek

Property Name	Value
Description:	The week of the month that daylight savings time ends.
Notes:	Values: 0: DST not in effect 1: First week in month 2: Second week in month 3: Third week in month 4: Fourth week in month 5: Last week of the month
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TimeZone.DaylightEndWeek
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneWeek
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightStartDayOfWeek

Property Name	Value
Description:	The day of the week daylight savings starts on (0=Sunday, 6=Saturday).
Notes:	Values: 0: Sunday 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TimeZone.DaylightStartDayOfWeek
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneDayOfWeek
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightStartHour

Property Name	Value
Description:	The hour of the day expressed in 24-hour clock format (0-23) daylight savings time starts.
Notes:	From 0 to 23.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TimeZone.DaylightStartHour
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	0
Validation - Maximum Value:	23

DaylightStartMonth

Property Name	Value
Description:	The month daylight savings begins in (1=January, 12=December).
Notes:	Values: 0: DST not in effect 1: January 10: October 11: November 12: December 2: February 3: March 4: April 5: May 6: June 7: July 8: August 9: September
Business Rules:	
Developer Notes:	Originally thought this was 0 based, but empirical evidence shows it to be 1 based.
Table/Column Mapping:	tbl_TimeZone.DaylightStartMonth
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneMonth
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DaylightStartWeek

Property Name	Value
Description:	The week of month that daylight savings time starts.

Property Name	Value
Notes:	Values: 0: DST not in effect 1: First week in month 2: Second week in month 3: Third week in month 4: Fourth week in month 5: Last week of the month
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TimeZone.DaylightStartWeek
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TimezoneWeek
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The localized version of the string.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LocalizedName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (1024 characters)
Validation - Expression:	^[^\x00-\x1F\x7F\x0A\x0D]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	1024 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

LanguageCode

Property Name	Value
Description:	The language code (LCID) indicating the language of the text in the LocalizedName column.

Property Name	Value
Notes:	<p>The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LanguageCode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZoneId

Property Name	Value
Description:	The unique ID for this time zone entry.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TimeZone.TimeZoneId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.186. vw_TransferOption

View for transfer options of a call handler.

Additional Information

If the switch id is NULL in the table, the switch id of either the call handler or subscriber is used instead.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Action	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection transfers the call to the call handler greeting or attempts to transfer the call to an extension.	TransferRule-Action
PK	CallHandlerObjectId	char (36 characters)	The unique identifier of the CallHandler object to which this transfer rule belongs.	ObjectID
	Extension	nvarchar (40 characters)	The extension (phone number) to transfer to.	PhoneNumberE123
	MediaSwitchObjectId	char (36 characters)	The unique identifier of the MediaSwitch object that Cisco Unity Connection uses for transferring the call to the subscriber phone.	ObjectID
	RnaAction	smallint (2 bytes)	The action Cisco Unity Connection takes for a "Ring-No-Answer" (RNA) condition. Cisco Unity Connection will either transfer the call to the appropriate greeting or releases the call to the phone system.	CallHandler-RNAAction
	TimeExpires	datetime (8 bytes)	The date and time when this transfer option expires. If the transfer rule is enabled, the value is NULL or a date in the future. If the transfer rule is disable, the value is a past date.	
	TransferAnnounce	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays "transferring call" when the subscriber answers the phone.	Bool
	TransferConfirm	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection prompts the subscriber to accept or refuse a call ("Press 1 to take the call or 2 and I'll take a message"). If the call is accepted, it is transferred to the subscriber phone. If the call is refused, Cisco Unity Connection plays the applicable subscriber greeting.	Bool
	TransferDtDetect	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will check for dialtone before attempting to transfer the call.	Bool
	TransferHoldingMode	smallint (2 bytes)	The action Cisco Unity Connection will take when the extension is busy.	CallHandler-HoldMode

Key	Name	SQL Data Type/Length	Description	Custom Type
	TransferIntroduce	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will say "call for <recorded name of the call handler>" when the subscriber answers the phone.	Bool
PK	TransferOptionType	nvarchar (64 characters)	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."	TransferRule-Name
	TransferRings	smallint (2 bytes)	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.	
	TransferScreening	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will prompt callers to say their names. When the phone is answered, the subscriber hears "Call from..." before Cisco Unity Connection transfers the call.	Bool
	TransferType	smallint (2 bytes)	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).	TransferType
	UsePrimaryExtension	smallint (2 bytes)	If extension is null this will be set to 1 (true) to indicate we are using instead the DtmfAccessId for the owning handler or subscriber.	Bool

Stored Procedures

Name	Description
csp_TransferOptionCreate	Creates a new TransferOption object by inserting a new row into tbl_TransferOption.
csp_TransferOptionDelete	Deletes a TransferOption object from tbl_TransferOption as specified by the combination of the @CallHandlerObjectId and @TransferOptionType parameters.
csp_TransferOptionModify	Updates the attributes of a TransferOption object based on the values passed in via the parameters. The @CallHandlerObjectId and @TransferOptionType parameters identify the TransferOption object that is updated.

Column Properties

Action

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection transfers the call to the call handler greeting or attempts to transfer the call to an extension.

Property Name	Value
Notes:	Values: 0: Play greeting - Cisco Unity Connection transfers the call to the call handler greeting. 1: Transfer - Cisco Unity Connection transfers the call to the number in the "Extension" column in tbl_TransferOption.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.Action
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TransferRuleAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this transfer rule belongs.
Notes:	A transfer rule can belong only to a call handler object.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.CallHandlerObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Extension

Property Name	Value
Description:	The extension (phone number) to transfer to.
Notes:	If an administrator using Cisco Unity Connection Administration chooses to transfer to the extension of a subscriber or call handler, Cisco Unity Connection will automatically enter the DtmfAccessId value pulled from the DtmfAccessId table for the call handler into this column.
Business Rules:	<ol style="list-style-type: none"> 1. The default value is the DtmfAccessId of the call handler to which this transfer rule belongs. 2. The valid characters for the extension are digits 0-9, T and t (indicates tone dialing), comma (indicating a pause - not supported if integration is SIP), asterisk (*) and hash (#) characters. This is for backwards compatibility with Unity 4.x.
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.Extension
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object that Cisco Unity Connection uses for transferring the call to the subscriber phone.
Notes:	<p>Used to support multiple phone system (i.e., switch) integrations.</p> <p>If a call comes in on a PBX, for instance, and a subscriber is on a Call Manager IP phone, Cisco Unity Connection needs to know that to transfer to that subscriber phone it may need to dial a trunk access code to bridge the call across the PBX to the IP phone.</p> <p>FK to tbl_MediaSwitch.ObjectId</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.MediaSwitchObjectId
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

RnaAction

Property Name	Value
Description:	The action Cisco Unity Connection takes for a "Ring-No-Answer" (RNA) condition. Cisco Unity Connection will either transfer the call to the appropriate greeting or releases the call to the phone system.
Notes:	<p>This column only applies if the value of the TransferType column is set to supervised (1).</p> <p>Normally, this column is not used. Cisco Unity Connection simply processes the transfer rules if the transfer is RNA.</p> <p>Values: 0: Release - release the call to the phone system. 1: Play greeting - after the number of rings (as defined by "TransferRings" column), pull back the call and transfer the call to the appropriate greeting.</p>
Business Rules:	
Developer Notes:	Unconfirmed information from Unity 4.0(3) data dictionary: Values of 2, 3, and 4 were added for special mobility functionality being released post 4.0(1). These values are only viable on primary call handlers (assigned to subscribers).
Table/Column Mapping:	tbl_TransferOption.RnaAction
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	CallHandlerRNAAction
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeExpires

Property Name	Value
Description:	The date and time when this transfer option expires. If the transfer rule is enabled, the value is NULL or a date in the future. If the transfer rule is disabled, the value is a past date.
Notes:	<p>Rather than use a simple on and off scheme for enabling transfer options and greetings, Cisco Unity Connection employs a date scheme. If the value is NULL or a date in the future then the transfer option is considered enabled. If the date is sometime in the past, then the transfer option is considered disabled.</p> <p>The "Standard" transfer option should never be disabled. For primary call handlers associated with subscribers, the "Alternate" transfer option should always be enabled since subscribers have only one transfer option used currently.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.TimeExpires
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferAnnounce

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays "transferring call" when the subscriber answers the phone.
Notes:	<p>Requires a "TransferType" of supervised (1).</p> <p>Values: 0: Do not say "Transferring call" when the subscriber answers the phone 1: Say "Transferring call" when the subscriber answers the phone</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.TransferAnnounce
Primary Key:	False
Allow Null:	False

Property Name	Value
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferConfirm

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection prompts the subscriber to accept or refuse a call ("Press 1 to take the call or 2 and I'll take a message"). If the call is accepted, it is transferred to the subscriber phone. If the call is refused, Cisco Unity Connection plays the applicable subscriber greeting.
Notes:	Requires a "TransferType" of supervised (1). Typically this is used in conjunction with the call screening option ("TransferScreening" column) enabled. This combination enables the subscriber to hear the name of the caller and then decide if they want to take the call or not. Values: 0: Transfer confirm disabled 1: Transfer confirm enabled
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.TransferConfirm
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferDtDetect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will check for dialtone before attempting to transfer the call.
Notes:	Requires a "TransferType" of supervised (1). This is usually used for phone systems that do not have "positive disconnect" capabilities to avoid sending terminated calls to the operator console, for instance. Values: 0: Do not check for dialtone prior to transferring a call 1: Check for dialtone prior to transferring a call
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.TransferDtDetect
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferHoldingMode

Property Name	Value
Description:	The action Cisco Unity Connection will take when the extension is busy.
Notes:	Requires a TransferType column value = "Supervised" (1). Values: 0: No - Cisco Unity Connection prompts the caller to leave a message and allows the caller to dial another extension. 1: Yes - Cisco Unity Connection plays a prompt indicating that the extension is busy. The caller is put on hold. Note that this hold is not performed by the phone system. 2: Ask - Cisco Unity Connection gives the caller the options of holding, leaving a message, or dialing another extension.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.TransferHoldingMode

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	CallHandlerHoldMode
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferIntroduce

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will say "call for <recorded name of the call handler>" when the subscriber answers the phone.
Notes:	Requires a "TransferType" of supervised (1). This functionality is normally used when a single extension number is being shared by multiple subscribers or a scenario where the subscriber who is the message recipient takes calls for more than one dialed extension. The introduction alerts the subscriber who answers that the call is for the call handler.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.TransferIntroduce
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferOptionType

Property Name	Value
Description:	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."
Notes:	Values: Alternate: Alternate - in effect at all times, overrides standard and offhours. Off Hours: Off hours - off or closed hours based on specified schedule. Standard: Standard - standard hours based on specified schedule.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.TransferOptionType
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	TransferRuleName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferRings

Property Name	Value
Description:	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Notes:	Applies only when the "TransferType" column is set to supervised (1). This value should never be less than 2 for a supervised transfer.
Business Rules:	The value of this column should never be less than 2 for a supervised transfer.
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.TransferRings
Primary Key:	False
Allow Null:	False
Default Value:	4
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	2
Validation - Maximum Value:	19

TransferScreening

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will prompt callers to say their names. When the phone is answered, the subscriber hears "Call from..." before Cisco Unity Connection transfers the call.
Notes:	Requires a "TransferType" of supervised (1). Normally this column is used along with "TransferConfirm" to allow the subscriber to screen calls. Values: 0: Call screening disabled 1: Ask and record caller name
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.TransferScreening
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TransferType

Property Name	Value
Description:	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).

Property Name	Value
Notes:	Values: 0: Unsupervised (release) transfer - just let the switch do the transfer, and do not stay on the line and take action on RNA or busy. 1: Supervised transfer - listen for busy, ring no answer.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TransferOption.TransferType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	TransferType
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UsePrimaryExtension

Property Name	Value
Description:	If extension is null this will be set to 1 (true) to indicate we are using instead the DtmfAccessId for the owning handler or subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.187. vw_TreeControlNode

A simple view for tbl_TreeControlNode.
A node of a tree control menu.

Additional Information

This table defines all of the nodes of a tree control menu, which is used by the Cisco Unity Connection Administration.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Action	nvarchar (255 characters)	The URL for the href attribute of the tree node when rendered.	
	DisplayOrder	int (4 bytes)	The order in which the nodes are displayed. An index value.	
	Expanded	smallint (2 bytes)	A flag indicating whether this node should be expanded by default.	Bool
	Icon	nvarchar (255 characters)	A Uniform Resource Identifier (URI) containing the internet address to an image.	
	Label	nvarchar (128 characters)	The label is used to localize the displayable text for the node, it could be the name of a Java ResourceBundle key, or a String literal.	
	NodeName	nvarchar (50 characters)	The name of this node.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a TreeControl object (node).	ObjectID
	ParentObjectId	char (36 characters)	The unique identifier of the parent Node to which this node belongs.	ObjectID
	Target	nvarchar (255 characters)	The target HTML frame for the Action request - e.g. when the Action for the tree node is executed it is rendered in the frame specified by this attribute.	
	Tooltip	nvarchar (100 characters)	A tool tip for menu item.	

Stored Procedures

vw_TreeControlNode has no stored procedures.

Column Properties

Action

Property Name	Value
Description:	The URL for the href attribute of the tree node when rendered.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TreeControlNode.Action
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayOrder

Property Name	Value
Description:	The order in which the nodes are displayed. An index value.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TreeControlNode.DisplayOrder
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	256

Expanded

Property Name	Value
Description:	A flag indicating whether this node should be expanded by default.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TreeControlNode.Expanded
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Icon

Property Name	Value
Description:	A Uniform Resource Identifier (URI) containing the internet address to an image.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TreeControlNode.Icon
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Label

Property Name	Value
Description:	The label is used to localize the displayable text for the node, it could be the name of a Java ResourceBundle key, or a String literal.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TreeControlNode.Label
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

NodeName

Property Name	Value
Description:	The name of this node.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TreeControlNode.NodeName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (50 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	50 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a TreeControl object (node).
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_TreeControlNode.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ParentObjectId

Property Name	Value
Description:	The unique identifier of the parent Node to which this node belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TreeControlNode.ParentObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Target

Property Name	Value
Description:	The target HTML frame for the Action request - e.g. when the Action for the tree node is executed it is rendered in the frame specified by this attribute.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TreeControlNode.Target
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (255 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	255 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Tooltip

Property Name	Value
Description:	A tool tip for menu item.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_TreeControlNode.Tooltip
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (100 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	100 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.188. vw_User

Contains the account data and contact information of persons who have an account on the system and who can logon to the system. A person must have a user account on the system in order to logon and gain access system services such as a subscription to a voice mailbox.

Additional Information

This view is comprised of all the columns in the tbl_User table. User accounts that are identified as a template (i.e., IsTemplate=True) are NOT included in the view.

A Cisco Unity Connection user is not required to have a voice mail subscription or mailbox assigned to the user's account.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Address	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.	
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	AltFirstName	nvarchar (64 characters)	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	AltLastName	nvarchar (64 characters)	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	BillingId	nvarchar (32 characters)	Accounting information or project code associated with this user.	
	Building	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).	
	CcmId	nvarchar (128 characters)	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager	
	CcmIdType	int (4 bytes)	Type of CCM user/object this id refers to (end user, application user, or directory number)	CcmIdType
	City	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.	
	CosObjectId	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.	ObjectID

Key	Name	SQL Data Type/Length	Description	Custom Type
	Country	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.	
	CreationTime	datetime (8 bytes)	The date and time the user account was created.	
	Department	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.	
	DirectoryId	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).	DirectoryId
	DisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId
	DtmfNameFirst	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameFirstLast	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameLast	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameLastFirst	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	EmailAddress	lvarchar (320 characters)	The primary email address of the user. Not used for incoming mail delivery - informational only.	EmailAddress
	EmployeeId	nvarchar (64 characters)	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.	
	EnhancedSecurityAlias	nvarchar (50 characters)	The unique text name used to identify and authenticate the user with an RSA SecurID security system.	
	FirstName	nvarchar (64 characters)	The first name (i.e., givenName) of this user. Not their surname nor middle name.	Name
	Initials	nvarchar (12 characters)	The initial letters of some or all of the names of this user.	
	IsTemplate	smallint (2 bytes)	A flag indicating whether this instance of a User object is a "template" for creating new users.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	Language	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.	Language-Code
	LastName	nvarchar (64 characters)	The last name (i.e., surname or family name) of this user, by which a user is commonly known.	Name
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this user belongs.	ObjectID
	MailboxDn	lvarchar (392 characters)	The distinguished name of the mailbox.	
	Manager	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID
	PabLastImported	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.	
	PostalCode	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.	
	ReadOnly	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.	Bool
	RouteNDRToSender	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.	Bool
	SmtptAddress	lvarchar (320 characters)	SMTP address	SmtptAddress
	State	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.	
	TimeZone	int (4 bytes)	The time zone to which this user account is associated.	
	Title	nvarchar (64 characters)	The position or function of a user within an organization, such as 'Vice President.'	
	Undeleteable	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this user is derived from the user object attribute or the default language from the location to which the user belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	UseDefaultTimeZone	smallint (2 bytes)	A flag indicating whether the timezone for this user is derived from the user object attribute or the default timezone from the location to which the user belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.	Bool
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_UserCreate	Creates a new User account from a user template by inserting a new row into tbl_User.
csp_UserDelete	Deletes a User object from tbl_User as specified by the @ObjectId parameter.
csp_UserModify	Updates the attributes of a User account based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User that is updated.

Column Properties

Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	This address may not necessarily be the same as the address where the user receives letters or parcels (i.e. postal address). This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Address
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or unicode character.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltFirstName

Property Name	Value
Description:	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user firstname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altfirstname column.
Business Rules:	
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_User.AltFirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltLastName

Property Name	Value
Description:	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user lastname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altlastname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.AltLastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	The BillingID can be used in report generation to group call activity for subscribers. For example, to group the call activity for all subscriber in the same department or those subscribers who are part of the same billing group on a phone system.
Business Rules:	If a BillingID exists for a user, it is logged for all phone activity for a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.BillingId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or Unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Building
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

CcmId

Property Name	Value
Description:	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Notes:	See CcmIdType to determine what type of object this refers to.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.CcmId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any non-printable character
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmIdType

Property Name	Value
Description:	Type of CCM user/object this id refers to (end user, application user, or directory number)
Notes:	Values: 0: End User 1: Application User (such as Unity) 2: Directory Number
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.CcmIdType
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	CcmIdType
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	PA Speech Enabled Name Dialing uses 'city' as a disambiguation method when duplicate names are present.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.City
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	The Class of Service (COS) specifies the features for which a user is licensed and limits such as recording limits. See tbl_COS table for more details.

Property Name	Value
Business Rules:	A user object is not required to have a COS associated with it. For example, a user who does not have any subscriptions to services such as voice mail or PA would not have a COS.
Developer Notes:	
Table/Column Mapping:	tbl_User.CosObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Country
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (2 characters)
Validation - Expression:	^[a-zA-Z]*\$
Validation - Description:	ASCII lower or upper case alphabetical character only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the user account was created.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Department
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	Exactly what is stored here changes depending on the directory.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.DirectoryId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	<p>The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns.</p> <p>If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.</p>
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ \%\'?\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirst

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name of the user. These digits are used for searching the user by name via the phone.
Notes:	
Business Rules:	When the first name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameFirst
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirstLast

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the user. These digits are used for searching the user by name via the phone.
Notes:	The digits corresponding to the user first name are first, followed by the digits corresponding to the user last name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of either the user first or last name columns. For example, if a user name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 8424282733427439
Business Rules:	When the first or last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameFirstLast
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLast

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name of the user. These digits are used for searching the user by name via the phone.
Notes:	
Business Rules:	When the last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameLast
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLastFirst

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the user. These digits are used for searching the user by name via the phone.
Notes:	The digits corresponding to the user last name are first, followed by the digits corresponding to the user first name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of the user last or first name columns. For example, if a user name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 4274392842428273
Business Rules:	When the last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameLastFirst
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$

Property Name	Value
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmailAddress

Property Name	Value
Description:	The primary email address of the user. Not used for incoming mail delivery - informational only.
Notes:	Not auto-generated.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.EmailAddress
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	EmailAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmployeeId

Property Name	Value
Description:	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.EmployeeId
Primary Key:	False
Allow Null:	True

Property Name	Value
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EnhancedSecurityAlias

Property Name	Value
Description:	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Notes:	The COS that the user belongs to must have Enhanced Security enabled. If the COS that the user belongs to has Enhanced Security enabled, and this column is blank, then the SignIn conversation uses the user alias column instead.
Business Rules:	
Developer Notes:	The Enhanced Security feature (i.e., RSA two-factor security) is not a requirement for Cisco Unity Connection.
Table/Column Mapping:	tbl_User.EnhancedSecurityAlias
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (50 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	50 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this user. Not their surname nor middle name.

Property Name	Value
Notes:	The firstname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.
Business Rules:	This column is optional - not required to create a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.FirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Initials

Property Name	Value
Description:	The initial letters of some or all of the names of this user.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Initials
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	^[p{L}\p{Digit}~!@#%&^&-_{} \.,']*
Validation - Description:	Any alphabetical or numeric character (ANSI or Unicode); special ASCII characters ` , ~ , ! , @ , # , \$, % , ^ , & , - , _ , ' , period, comma, and space.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	6 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsTemplate

Property Name	Value
Description:	A flag indicating whether this instance of a User object is a "template" for creating new users.
Notes:	Used to provide default values for selected columns when creating new users. Example: In a corporate campus environment, an administrator can create a user template for each building that is prepopulated with the address information (address, building, city, state, postalcode, timezone, etc.) for the particular building.
Business Rules:	Cannot be modified.
Developer Notes:	
Table/Column Mapping:	tbl_User.IsTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.

Property Name	Value
Notes:	<p>NULL is not allowed because the subscriber language cannot be inherited. See customtype "LanguageCode" for more information.</p> <p>There is another language value for a subscriber that outside callers hear when they call this subscriber. This is set on the primary call handler for this subscriber and CAN be set to NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069</p>

Property Name	Value
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057

Property Name	Value
	2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	The default value for this column is derived from the user template.
Developer Notes:	Allowing NULL now.
Table/Column Mapping:	tbl_User.Language
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Notes:	The lastname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.
Business Rules:	This column is optional - not required to create a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.LastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this user belongs.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_User.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectId
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	Identifies a mailbox in foreign email system for use in synchronizing information stored there, such as calendar information for personal rules.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.MailboxDn
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (392 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	392 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Manager
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.PabLastImported
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	A specific format for zip or postal codes is not required since these items differ so widely and can change at any time. This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.PostalCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	Normally used only for system objects.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.ReadOnly
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	<p>Values:</p> <p>0: Cisco Unity Connection will not route an NDR to the sender's mailbox. Rather Cisco Unity Connection will delete the NDR.</p> <p>1: Cisco Unity Connection will route an NDR to the sender's mailbox when the message is undeliverable. The NDR message will be presented in the new message stack. Cisco Unity Connection will activate the MWI similar to new voice messages. Cisco Unity Connection will also notify based on subscriber notification device settings when new NDR's are present in the subscriber mailbox similar to new voice messages.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.RouteNDRToSender

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtAddress

Property Name	Value
Description:	SMTP address
Notes:	<p>For performance, we store the SMTP address which for users, contacts, and DLs is a combination of Alias (or MailName if Alias is non-ASCII such as in the case where Alias is in Japanese) and the Location.SmtDomain associated to which this Alias object belongs.</p> <p>The SmtAddress for a PersonalGroup is formed differently: <UserAlias> + '_' + 'List' + '_' + <NumericId> + '@' + <Domain>. For example, if JSmith creates a PersonalGroup with NumericId of 1, the SmtAddress would be: JSmith_List_1@cisco.com</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Alias.SmtAddress
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	SmtAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	^([w\!#\$%&'*/+=?^{\} \~]+([\.]?[w\!#\$%&'*/+=?^{\} \~]+)*)+@((([a-zA-Z]([a-zA-Z\d]*[a-zA-Z\d])?.)+([a-zA-Z\d])+)\$

Property Name	Value
Validation - Description:	SMTP Address= Local-Part '@' Domain Name where Local-Part (Max size : 64) * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character '.' is allowed but it cannot be the first or last character in the local-part. Also there cannot be consecutive periods. For example: a..b@c is invalid. <domain> ::= <subdomain> " " <subdomain> ::= <label> <subdomain> "." <label> <label> ::= <letter> [[<ldh-str>] <let-dig>] <ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str> <let-dig-hyp> ::= <let-dig> "-" label must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.State
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	<p>The TimeZone value refers to an entry in the table tbl_TimeZone.</p> <p>By default this value is NULL, which means the user is in the same time zone as the VMS on which their account resides. If, however, a user is checking messages from another time zone, this value can be set to associate them with any time zone.</p> <p>Since messages are all stored with time stamps in Universal Time Coordinated (UTC), Unity translates the times into the appropriate time zone on the fly when users are checking messages in the same way an email client does when showing you your inbox.</p>
Business Rules:	
Developer Notes:	In versions prior to Cisco Unity Connection, the bias was stored in the lower 16-bits of the integer and the upper 16-bits was reserved for an identifier.
Table/Column Mapping:	tbl_User.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Title

Property Name	Value
Description:	The position or function of a user within an organization, such as 'Vice President.'
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Title
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Values: 0: Can be deleted 1: Cannot be deleted
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this user is derived from the user object attribute or the default language from the location to which the user belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Notes:	Values: 0: The language is the default language defined for the user. 1: The language is derived from the location to which this user belongs.

Property Name	Value
Business Rules:	If the value of the Language attribute in the User table is NULL, then use the language from the location to which this user belongs. Otherwise the language as specified by the value of the tbl_User.Language is used.
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultTimeZone

Property Name	Value
Description:	A flag indicating whether the timezone for this user is derived from the user object attribute or the default timezone from the location to which the user belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.
Notes:	Values: 0: The time zone is the default timezone defined for the user. 1: The time zone is derived from the location to which this user belongs.
Business Rules:	If the value of the Timezone attribute in the User table is NULL, then use the timezone from the location to which this user belongs. Otherwise the timezone as specified by the value of the tbl_User.Timezone is used.
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.189. vw_UserCredentialHistory

Simple view for tbl_UserCredentialHistory
A history of user credentials. A change is recorded for each creation or change of a user credential, e.g. PIN or password.

Additional Information

This data is used to prevent former user credentials from being reused when a new credential is created, if desired.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	ChangeId	int (4 bytes)	A historical index of credential changes. Allows the fetching of the last 'n' credentials, if desired.	
	Credentials	varchar (254 characters)	The credential, e.g., PIN or password created by this change. Credentials can be an encoded PIN or password.	
PK	CredentialType	int (4 bytes)	The type of credential such as a password or PIN.	Credential-Type
	TimeChanged	datetime (8 bytes)	The date and time the credential was created or changed.	
PK	UserObjectId	char (36 characters)	The unique identifier of the User object for which this credential change occurred.	ObjectID

Stored Procedures

Name	Description
csp_CredentialHistoryClear	Clears the credential history for a user.

Column Properties

ChangeId

Property Name	Value
Description:	A historical index of credential changes. Allows the fetching of the last 'n' credentials, if desired.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	The maximum value is the maximum value allowed by the data type.
Table/Column Mapping:	tbl_UserCredentialHistory.ChangeId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Credentials

Property Name	Value
Description:	The credential, e.g., PIN or password created by this change. Credentials can be an encoded PIN or password.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserCredentialHistory.Credentials
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CredentialType

Property Name	Value
Description:	The type of credential such as a password or PIN.
Notes:	Values: 1: Windows credential. 2: Domino credential. 3: Password (such as would be used with a GUI client). 4: PIN (as would be used over the phone via the TUI).
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserCredentialHistory.CredentialType
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	CredentialType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeChanged

Property Name	Value
Description:	The date and time the credential was created or changed.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserCredentialHistory.TimeChanged
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The unique identifier of the User object for which this credential change occurred.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserCredentialHistory.UserObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.190. vw_UserMailboxMap

Provides the mailbox information (server, database, mailbox id) for all of a user's mailboxes.

Additional Information

This view is comprised of all the columns in the tbl_MailboxMap and tbl_MailboxStoreMap tables.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	DialString	nvarchar (40 characters)	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.	PhoneNumberE123
	IsPrimary	smallint (2 bytes)	A flag indicating whether this mailbox is the primary mailbox of the user.	Bool
	LastGuiAccessTime	datetime (8 bytes)	The last time the user accessed their this mailbox through the GUI.	
	LastTuiAccessTime	datetime (8 bytes)	The last time the user accessed their this mailbox through the TUI.	
PK	MailboxId	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.	
	MailboxLoginType	int (4 bytes)	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)	MailboxLoginType
	MailboxPassword	varchar (254 characters)	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.	
PK	MailboxStoreObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.	ObjectID
	MailboxStoreType	int (4 bytes)	The type of mailbox store (e.g., UMSS).	MailboxStoreType
	MailDatabase	lvarchar (512 characters)	The name of the mailbox database, such as "UnityMbxDb1."	
	MailDbInstance	lvarchar (256 characters)	The name of the dbinstance on which the mailbox store resides.	
	MailServer	lvarchar (256 characters)	The name of the server on which the mailbox store resides.	
	MailStoreMounted	smallint (2 bytes)	A flag indicating whether the mailbox store is mounted.	Bool
	RequiredSecurity	int (4 bytes)	The method of encryption that Cisco Unity Connection will use on a mailstore connection.	MailstoreConnectionEncryption

Key	Name	SQL Data Type/Length	Description	Custom Type
	RouteNDRTosender	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.	Bool
	ServiceAlias	lvarchar (256 characters)	The unique text name (alias) for a service to use to logon to mailbox store for message retrieval.	
	ServicePassword	varchar (254 characters)	The password for a service to use to logon to mailbox store for message retrieval.	
PK	UserObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID

Stored Procedures

vw_UserMailboxMap has no stored procedures.

Column Properties

DialString

Property Name	Value
Description:	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Notes:	Valid only for a MeetingPlace Express external service.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.DialString
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	PhoneNumberE123
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[0-9Tt#\[*,]*\$
Validation - Description:	Digits, hash, T or t, comma, asterisk.
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

IsPrimary

Property Name	Value
Description:	A flag indicating whether this mailbox is the primary mailbox of the user.
Notes:	
Business Rules:	User must have one and only one primary mailbox.
Developer Notes:	In the future, users will be allowed to have more than a single mailbox.
Table/Column Mapping:	tbl_MailboxMap.IsPrimary
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastGuiAccessTime

Property Name	Value
Description:	The last time the user accessed their this mailbox through the GUI.
Notes:	A NULL value indicates the mailbox has never been access via the GUI. Timestamp stored in GMT.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.LastGuiAccessTime
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastTuiAccessTime

Property Name	Value
Description:	The last time the user accessed their this mailbox through the TUI.
Notes:	A NULL value indicates the mailbox has never been access via the TUI. Timestamp stored in GMT.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.LastTuiAccessTime
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	For users with mailboxes on UMSS, the objectid of the UMSS mailbox object is contained here. For users with mailboxes on an other mail store such as Exchange or Domino, the user's legacy Exchange DN or primary SMTP address is stored here.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (110 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	110 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

MailboxLoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)
Notes:	Applies only to MPE currently. Values: 0: Users alias used for login 1: Login as guest 2: Login using mailboxid (or part of it)
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxLoginType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailboxLoginType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxPassword

Property Name	Value
Description:	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.
Notes:	Encrypted/decrypted by clients.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxPassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxStoreObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxStoreType

Property Name	Value
Description:	The type of mailbox store (e.g., UMSS).

Property Name	Value
Notes:	Values: 0: UMSS - Cisco Unity Connection message store solution. 1: IMAP - external, non-UMSS, mailstore accessed via IMAP. 2: POP3 - external, non-UMSS, mailstore accessed via POP3. 3: WebDAV - used to retrieve personal contacts (although could potentially be used to get messages) 4: Used by the Common Calendaring Library to retrieve calendaring and meeting information from the Meeting Place Express web service.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.MailboxStoreType
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailboxStoreType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailDatabase

Property Name	Value
Description:	The name of the mailbox database, such as "UnityMbxDb1."
Notes:	A VMS can contain multiple mailbox databases. For UMSS, all the mailbox databases are a single instance of SqlServer, but each mailbox database must have a unique name. For UMSS, mailbox database is a conceptual grouping of a Mail Information Store and a Mail Attachment Store pair. Voice message header information is stored within the Mail Information Store, while Voice Message Attachment information is stored the Mail Attachment store. See UMSS section of the data dictionary for more information.
Business Rules:	
Developer Notes:	For external IMAP mailstores this value will be NULL.
Table/Column Mapping:	tbl_MailboxStoreMap.MailDatabase
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (512 characters)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailDbInstance

Property Name	Value
Description:	The name of the dbinstance on which the mailbox store resides.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.DbInstance
Primary Key:	False
Allow Null:	False
Default Value:	ciscountry
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailServer

Property Name	Value
Description:	The name of the server on which the mailbox store resides.
Notes:	For UMSS, the server name within the VMS configuration.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.Server
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	nvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailStoreMounted

Property Name	Value
Description:	A flag indicating whether the mailbox store is mounted.
Notes:	Clients should check this setting before accessing the mailbox store database. Tools can set it to denote that a mailbox store is offline when offline database maintenance needs to be performed.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.Mounted
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RequiredSecurity

Property Name	Value
Description:	The method of encryption that Cisco Unity Connection will use on a mailstore connection.

Property Name	Value
Notes:	Values: 0: No encryption. 1: TLS level encryption. 2: SSL encryption. 3: IPSec encryption.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.RequiredSecurity
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	MailstoreConnectionEncryption
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	Values: 0: Cisco Unity Connection will not route an NDR to the sender's mailbox. Rather Cisco Unity Connection will delete the NDR. 1: Cisco Unity Connection will route an NDR to the sender's mailbox when the message is undeliverable. The NDR message will be presented in the new message stack. Cisco Unity Connection will activate the MWI similar to new voice messages. Cisco Unity Connection will also notify based on subscriber notification device settings when new NDR's are present in the subscriber mailbox similar to new voice messages.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.RouteNDRToSender
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ServiceAlias

Property Name	Value
Description:	The unique text name (alias) for a service to use to logon to mailbox store for message retrieval.
Notes:	Must have access to all users messages ("superuser").
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ServiceAlias
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ServicePassword

Property Name	Value
Description:	The password for a service to use to logon to mailbox store for message retrieval.
Notes:	Encrypted/decrypted by clients.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.ServicePassword
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	
SQL Data Type/Length:	varchar (254 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.191. vw_UserNonSubscriber

Same as vw_User, but excludes users with voice mail subscriptions

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Address	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.	
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	AltFirstName	nvarchar (64 characters)	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	AltLastName	nvarchar (64 characters)	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.	AltName
	BillingId	nvarchar (32 characters)	Accounting information or project code associated with this user.	
	Building	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).	
	CcmId	nvarchar (128 characters)	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager	
	CcmIdType	int (4 bytes)	Type of CCM user/object this id refers to (end user, application user, or directory number)	CcmIdType
	City	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.	
	CosObjectId	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.	ObjectID
	Country	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.	
	CreationTime	datetime (8 bytes)	The date and time the user account was created.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	Department	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.	
	DirectoryId	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).	DirectoryId
	DisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	DtmfAccessId	nvarchar (40 characters)	The dialable number.	DtmfAccessId
	DtmfNameFirst	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameFirstLast	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameLast	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	DtmfNameLastFirst	varchar (16 characters)	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the user. These digits are used for searching the user by name via the phone.	DtmfName
	EmailAddress	lvarchar (320 characters)	The primary email address of the user. Not used for incoming mail delivery - informational only.	EmailAddress
	EmployeeId	nvarchar (64 characters)	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.	
	EnhancedSecurityAlias	nvarchar (50 characters)	The unique text name used to identify and authenticate the user with an RSA SecurID security system.	
	FirstName	nvarchar (64 characters)	The first name (i.e., givenName) of this user. Not their surname nor middle name.	Name
	Initials	nvarchar (12 characters)	The initial letters of some or all of the names of this user.	
	IsTemplate	smallint (2 bytes)	A flag indicating whether this instance of a User object is a "template" for creating new users.	Bool
	Language	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.	Language-Code

Key	Name	SQL Data Type/Length	Description	Custom Type
	LastName	nvarchar (64 characters)	The last name (i.e., surname or family name) of this user, by which a user is commonly known.	Name
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this user belongs.	ObjectID
	MailboxDn	lvarchar (392 characters)	The distinguished name of the mailbox.	
	Manager	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID
	PabLastImported	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.	
	PostalCode	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.	
	ReadOnly	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.	Bool
	RouteNDRToSender	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.	Bool
	SmtpAddress	lvarchar (320 characters)	SMTP address	SmtpAddress
	State	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.	
	TimeZone	int (4 bytes)	The time zone to which this user account is associated.	
	Title	nvarchar (64 characters)	The position or function of a user within an organization, such as 'Vice President.'	
	Undeleteable	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this user is derived from the user object attribute or the default language from the location to which the user belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.	Bool
	UseDefaultTimeZone	smallint (2 bytes)	A flag indicating whether the timezone for this user is derived from the user object attribute or the default timezone from the location to which the user belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.	Bool

Key	Name	SQL Data Type/Length	Description	Custom Type
	VoiceName	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.	FileNameGuid

Stored Procedures

Name	Description
csp_UserCreate	Creates a new User account from a user template by inserting a new row into tbl_User.
csp_UserDelete	Deletes a User object from tbl_User as specified by the @ObjectId parameter.
csp_UserModify	Updates the attributes of a User account based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User that is updated.

Column Properties

Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	This address may not necessarily be the same as the address where the user receives letters or parcels (i.e. postal address). This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Address
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltFirstName

Property Name	Value
Description:	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user firstname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altfirstname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.AltFirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$

Property Name	Value
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

AltLastName

Property Name	Value
Description:	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	Used to enable name lookup and message addressing via the TUI client when the primary user lastname contains characters not supported by a touch-tone keypad. For example, if the system language is Japanese and user names are stored as Kanji characters, to enable users and callers to search for a user name via the phone, an alternate spelling of the user name in ASCII characters can be stored in the altlastname column.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.AltLastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	AltName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9]*\$
Validation - Description:	ASCII alphabetical or numeric character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	The BillingID can be used in report generation to group call activity for subscribers. For example, to group the call activity for all subscriber in the same department or those subscribers who are part of the same billing group on a phone system.
Business Rules:	If a BillingID exists for a user, it is logged for all phone activity for a user.

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_User.BillingId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or Unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Building
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmlId

Property Name	Value
Description:	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Notes:	See CcmIdType to determine what type of object this refers to.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.CcmId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any non-printable character
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

CcmIdType

Property Name	Value
Description:	Type of CCM user/object this id refers to (end user, application user, or directory number)
Notes:	Values: 0: End User 1: Application User (such as Unity) 2: Directory Number
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.CcmIdType
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	CcmIdType
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	PA Speech Enabled Name Dialing uses 'city' as a disambiguation method when duplicate names are present.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.City
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	The Class of Service (COS) specifies the features for which a user is licensed and limits such as recording limits. See tbl_COS table for more details.
Business Rules:	A user object is not required to have a COS associated with it. For example, a user who does not have any subscriptions to services such as voice mail or PA would not have a COS.
Developer Notes:	
Table/Column Mapping:	tbl_User.CosObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	

Property Name	Value
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Country
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (2 characters)
Validation - Expression:	^[a-zA-Z]*\$
Validation - Description:	ASCII lower or upper case alphabetical character only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the user account was created.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	

Property Name	Value
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Department
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	Exactly what is stored here changes depending on the directory.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.DirectoryId
Primary Key:	False

Property Name	Value
Allow Null:	True
Default Value:	NULL
Custom Type:	DirectoryId
SQL Data Type/Length:	lvarchar (2048 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2048 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	<p>The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns.</p> <p>If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.</p>
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_DtmfAccessId.DtmfAccessId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	DtmfAccessId
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[a-zA-Z0-9\-_\.\@,;\+\\ \% ?\(\)\~*]*\$
Validation - Description:	Any valid DTMF or SIP address - see "PhoneNumber" custom type for more information.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirst

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name of the user. These digits are used for searching the user by name via the phone.
Notes:	
Business Rules:	When the first name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameFirst
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameFirstLast

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the first name followed by the last name of the user. These digits are used for searching the user by name via the phone.
Notes:	The digits corresponding to the user first name are first, followed by the digits corresponding to the user last name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of either the user first or last name columns. For example, if a user name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 8424282733427439
Business Rules:	When the first or last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameFirstLast
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLast

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name of the user. These digits are used for searching the user by name via the phone.
Notes:	
Business Rules:	When the last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameLast
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)

Property Name	Value
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DtmfNameLastFirst

Property Name	Value
Description:	The digits corresponding to the numeric keypad mapping on a standard touchtone phone representing the last name followed by the first name of the user. These digits are used for searching the user by name via the phone.
Notes:	The digits corresponding to the user last name are first, followed by the digits corresponding to the user first name until the maximum length of this column (16 digits) is reached. The maximum length of this column is less than either the maximum length of the user last or first name columns. For example, if a user name is Vibhavaree Gargeya and assuming a standard keypad mapping, this column would contain the digits: 4274392842428273
Business Rules:	When the last name of the user is changed in this table, the DTMF spelled name is automatically recalculated.
Developer Notes:	
Table/Column Mapping:	tbl_User.DtmfNameLastFirst
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	DtmfName
SQL Data Type/Length:	varchar (16 characters)
Validation - Expression:	^[0-9]*\$
Validation - Description:	Numeric digits 0-9.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	16 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmailAddress

Property Name	Value
Description:	The primary email address of the user. Not used for incoming mail delivery - informational only.
Notes:	Not auto-generated.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.EmailAddress
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	EmailAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EmployeeId

Property Name	Value
Description:	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.EmployeeId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

EnhancedSecurityAlias

Property Name	Value
Description:	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Notes:	The COS that the user belongs to must have Enhanced Security enabled. If the COS that the user belongs to has Enhanced Security enabled, and this column is blank, then the SignIn conversation uses the user alias column instead.
Business Rules:	
Developer Notes:	The Enhanced Security feature (i.e., RSA two-factor security) is not a requirement for Cisco Unity Connection.
Table/Column Mapping:	tbl_User.EnhancedSecurityAlias
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (50 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	50 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Notes:	The firstname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.
Business Rules:	This column is optional - not required to create a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.FirstName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

Initials

Property Name	Value
Description:	The initial letters of some or all of the names of this user.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Initials
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (12 characters)
Validation - Expression:	^[p{L}\p{Digit}`~!@#\$\$%^&_{} \.,']*
Validation - Description:	Any alphabetical or numeric character (ANSI or Unicode); special ASCII characters ` , ~ , ! , @ , # , \$, % , ^ , & , - , _ , ' , period , comma , and space .
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	6 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

IsTemplate

Property Name	Value
Description:	A flag indicating whether this instance of a User object is a "template" for creating new users.
Notes:	Used to provide default values for selected columns when creating new users. Example: In a corporate campus environment, an administrator can create a user template for each building that is prepopulated with the address information (address, building, city, state, postalcode, timezone, etc.) for the particular building.
Business Rules:	Cannot be modified.
Developer Notes:	
Table/Column Mapping:	tbl_User.IsTemplate
Primary Key:	False
Allow Null:	False
Default Value:	0

Property Name	Value
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.

Property Name	Value
Notes:	<p>NULL is not allowed because the subscriber language cannot be inherited. See customtype "LanguageCode" for more information.</p> <p>There is another language value for a subscriber that outside callers hear when they call this subscriber. This is set on the primary call handler for this subscriber and CAN be set to NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069</p>

Property Name	Value
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057

Property Name	Value
	2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	The default value for this column is derived from the user template.
Developer Notes:	Allowing NULL now.
Table/Column Mapping:	tbl_User.Language
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Notes:	The lastname can be stored in the native language and character set of the system, such as Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI name lookup purposes.
Business Rules:	This column is optional - not required to create a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.LastName
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	Name
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except for non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this user belongs.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_User.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	Identifies a mailbox in foreign email system for use in synchronizing information stored there, such as calendar information for personal rules.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.MailboxDn
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (392 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	392 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Manager
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.PabLastImported
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	A specific format for zip or postal codes is not required since these items differ so widely and can change at any time. This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.PostalCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters

Property Name	Value
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	Normally used only for system objects.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.ReadOnly
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	<p>Values:</p> <p>0: Cisco Unity Connection will not route an NDR to the sender's mailbox. Rather Cisco Unity Connection will delete the NDR.</p> <p>1: Cisco Unity Connection will route an NDR to the sender's mailbox when the message is undeliverable. The NDR message will be presented in the new message stack. Cisco Unity Connection will activate the MWI similar to new voice messages. Cisco Unity Connection will also notify based on subscriber notification device settings when new NDR's are present in the subscriber mailbox similar to new voice messages.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.RouteNDRToSender

Property Name	Value
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtetAddress

Property Name	Value
Description:	SMTP address
Notes:	<p>For performance, we store the SMTP address which for users, contacts, and DLs is a combination of Alias (or MailName if Alias is non-ASCII such as in the case where Alias is in Japanese) and the Location.SmtetAddress associated to which this Alias object belongs.</p> <p>The SmtetAddress for a PersonalGroup is formed differently: <UserAlias> + '_' + 'List' + '_' + <NumericId> + '@' + <Domain>. For example, if JSmith creates a PersonalGroup with NumericId of 1, the SmtetAddress would be: JSmith_List_1@cisco.com</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_Alias.SmtetAddress
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	SmtetAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	^([w\!#\$%&'*/+=?^{\} \~]+([\.]?[w\!#\$%&'*/+=?^{\} \~]+)*)+@((([a-zA-Z]([a-zA-Z\d]*[a-zA-Z\d])?.)+([a-zA-Z\d])+)\$

Property Name	Value
Validation - Description:	SMTP Address= Local-Part '@' Domain Name where Local-Part (Max size : 64) * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character '.' is allowed but it cannot be the first or last character in the local-part. Also there cannot be consecutive periods. For example: a..b@c is invalid. <domain> ::= <subdomain> " " <subdomain> ::= <label> <subdomain> "." <label> <label> ::= <letter> [[<ldh-str>] <let-dig>] <ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str> <let-dig-hyp> ::= <let-dig> "-" label must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.State
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	<p>The TimeZone value refers to an entry in the table tbl_TimeZone.</p> <p>By default this value is NULL, which means the user is in the same time zone as the VMS on which their account resides. If, however, a user is checking messages from another time zone, this value can be set to associate them with any time zone.</p> <p>Since messages are all stored with time stamps in Universal Time Coordinated (UTC), Unity translates the times into the appropriate time zone on the fly when users are checking messages in the same way an email client does when showing you your inbox.</p>
Business Rules:	
Developer Notes:	In versions prior to Cisco Unity Connection, the bias was stored in the lower 16-bits of the integer and the upper 16-bits was reserved for an identifier.
Table/Column Mapping:	tbl_User.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Title

Property Name	Value
Description:	The position or function of a user within an organization, such as 'Vice President.'
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Title
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.

Property Name	Value
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Values: 0: Can be deleted 1: Cannot be deleted
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this user is derived from the user object attribute or the default language from the location to which the user belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Notes:	Values: 0: The language is the default language defined for the user. 1: The language is derived from the location to which this user belongs.

Property Name	Value
Business Rules:	If the value of the Language attribute in the User table is NULL, then use the language from the location to which this user belongs. Otherwise the language as specified by the value of the tbl_User.Language is used.
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultTimeZone

Property Name	Value
Description:	A flag indicating whether the timezone for this user is derived from the user object attribute or the default timezone from the location to which the user belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.
Notes:	Values: 0: The time zone is the default timezone defined for the user. 1: The time zone is derived from the location to which this user belongs.
Business Rules:	If the value of the Timezone attribute in the User table is NULL, then use the timezone from the location to which this user belongs. Otherwise the timezone as specified by the value of the tbl_User.Timezone is used.
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	Clients will retrieve the path via a url, but the url-path is constructed from the file name dynamically.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_StreamFile.FileName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	FileNameGuid
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.192. vw_UserPrimarySmtpAddress

Provides a list of only the primary SMTP address for all users that have at least one mailbox associated with their user account.

Additional Information

This view is comprised of the columns in the tbl_MailboxMap, tbl_MailboxStoreMap and tbl_User tables.

The 'primary' SMTP address is used for delivery of incoming messages as well as the 'reply to' column in outbound messages. Unity auto-generates the primary SMTP address for a user.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	MailboxId	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.	
	MailDatabase	lvarchar (512 characters)	The name of the mailbox database, such as "UnityMbxDb1."	
	MailDbInstance	lvarchar (256 characters)	The name of the dbinstance on which the mailbox store resides.	
	MailServer	lvarchar (256 characters)	The name of the server on which the mailbox store resides.	
	SmtpAddress	lvarchar (320 characters)	The primary SMTP address for the user.	SmtpAddress
PK	UserObjectId	char (36 characters)	The ID of the user account to which this SMTP address belongs.	ObjectID

Stored Procedures

vw_UserPrimarySmtpAddress has no stored procedures.

Column Properties

MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	For users with mailboxes on UMSS, the objectid of the UMSS mailbox object is contained here. For users with mailboxes on an other mail store such as Exchange or Domino, the user's legacy Exchange DN or primary SMTP address is stored here.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxMap.MailboxId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (110 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	110 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailDatabase

Property Name	Value
Description:	The name of the mailbox database, such as "UnityMbxDb1."
Notes:	A VMS can contain multiple mailbox databases. For UMSS, all the mailbox databases are a single instance of SqlServer, but each mailbox database must have a unique name. For UMSS, mailbox database is a conceptual grouping of a Mail Information Store and a Mail Attachment Store pair. Voice message header information is stored within the Mail Information Store, while Voice Message Attachment information is stored the Mail Attachment store. See UMSS section of the data dictionary for more information.
Business Rules:	
Developer Notes:	For external IMAP mailstores this value will be NULL.
Table/Column Mapping:	tbl_MailboxStoreMap.MailDatabase
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (512 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	512 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailDbInstance

Property Name	Value
Description:	The name of the dbinstance on which the mailbox store resides.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.DbInstance
Primary Key:	False
Allow Null:	False
Default Value:	ciscountry
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MailServer

Property Name	Value
Description:	The name of the server on which the mailbox store resides.
Notes:	For UMSS, the server name within the VMS configuration.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_MailboxStoreMap.Server
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	lvarchar (256 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	256 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SmtpAddress

Property Name	Value
Description:	The primary SMTP address for the user.
Notes:	The 'primary' SMTP address is used for delivery of incoming messages as well as the 'reply to' column in outbound messages. Unity auto-generates the primary SMTP address for a user.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	SmtpAddress
SQL Data Type/Length:	lvarchar (320 characters)
Validation - Expression:	<code>^([w\-.!#\$%&'*/+=?^`{\} \~]+([\.]?[w\-.!#\$%&'*/+=?^`{\} \~]+)*)+@((([a-zA-Z]([a-zA-Z\d] *([a-zA-Z\d]?).)+([a-zA-Z\d])+)\$</code>
Validation - Description:	<p>SMTP Address= Local-Part '@' Domain Name where</p> <p>Local-Part (Max size : 64)</p> <ul style="list-style-type: none"> * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character ' ' is allowed but it cannot be the first or last character in the local-part. Also there cannot be consecutive periods. For example: a.b@c is invalid. <p><domain> ::= <subdomain> " "</p> <p><subdomain> ::= <label> <subdomain> "." <label></p> <p><label> ::= <letter> [[<ldh-str>] <let-dig>]</p> <p><ldh-str> ::= <let-dig-hyp> <let-dig-hyp> <ldh-str></p> <p><let-dig-hyp> ::= <let-dig> "-"</p> <p>label must start with a letter, end with a letter or digit, and have as interior characters only letters, digits, and hyphen.</p>
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	320 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

UserObjectId

Property Name	Value
Description:	The ID of the user account to which this SMTP address belongs.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.193. vw_UserTemplate

Provides the default values for user properties when creating new users. User properties include the account data and contact information of persons who have an account on the system. A person must have a user account on the system in order to logon and gain access system services such as a subscription to a voice mailbox.

Additional Information

This view is comprised of columns in the tbl_User and tbl_UserTemplate tables, plus an additional column - VoiceName - that is defined in tbl_StreamFile.FileName.

A Unity user is not required to have a voice mail subscription or mailbox assigned to the user's account. Also it is possible for a user to be a subscriber but not have a mailbox. This is to allow supporting "Internet Subscribers" which are essentially the same as subscribers but with a remote email address.

Views are made for User and Contact that expose only the properties those should have, so that we can later split them up if desired without impacting clients. This of course means having separate sprocs too.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	Address	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.	
	Alias	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.	Alias
	BillingId	nvarchar (32 characters)	Accounting information or project code associated with this user.	
	Building	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).	
	CantChange	smallint (2 bytes)	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).	Bool
	City	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.	
	CosObjectId	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.	ObjectID
	Country	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.	
	CreationTime	datetime (8 bytes)	The date and time the user account was created.	
	Department	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	DisplayName	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.	TextName
	DisplayNameRule	smallint (2 bytes)	The format for generating the user display name.	Display-NameRule
	DoesntExpire	smallint (2 bytes)	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).	Bool
	Language	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.	Language-Code
	LocationObjectId	char (36 characters)	The unique identifier of the LocationVMS object to which this user belongs.	ObjectID
	MailboxDn	lvarchar (392 characters)	The distinguished name of the mailbox.	
	MailboxStoreObjectId	char (36 characters)	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.	ObjectID
	Manager	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.	
	MessageAgingPolicyObjectId	char (36 characters)	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.	ObjectID
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.	ObjectID
	PabLastImported	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.	
	PostalCode	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.	
	ReadOnly	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.	Bool
	RouteNDRTosender	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.	Bool
	State	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.	

Key	Name	SQL Data Type/Length	Description	Custom Type
	TimeZone	int (4 bytes)	The time zone to which this user account is associated.	
	Undeetable	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.	Bool
	UseDefaultLanguage	smallint (2 bytes)	A flag indicating whether the language for this user template is derived from the user template object attribute or the default language from the location to which the user template belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.	Bool
	UseDefaultTimeZone	smallint (2 bytes)	A flag indicating whether the timezone for this user template is derived from the user template object attribute or the default timezone from the location to which the user template belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.	Bool

Stored Procedures

Name	Description
csp_UserTemplateCreate	Creates a new User template by inserting a new row into tbl_User and tbl_UserTemplate.
csp_UserTemplateDelete	Deletes a User template from tbl_User and tbl_UserTemplate as specified by the @ObjectId parameter.
csp_UserTemplateModify	Updates the attributes of a User template based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User and tbl_UserTemplate that is updated.

Column Properties

Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	This address may not necessarily be the same as the address where the user receives letters or parcels (i.e. postal address).
	This column is for informational purposes.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Address
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (128 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	To ensure that the Alias for a PersonalGroup is unique, it is constructed as follows: <UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.
Business Rules:	Must be unique within a location.
Developer Notes:	
Table/Column Mapping:	tbl_Alias.Alias
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Alias
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character (ASCII and Unicode) except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	The BillingID can be used in report generation to group call activity for subscribers. For example, to group the call activity for all subscriber in the same department or those subscribers who are part of the same billing group on a phone system.
Business Rules:	If a BillingID exists for a user, it is logged for all phone activity for a user.
Developer Notes:	
Table/Column Mapping:	tbl_User.BillingId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (32 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any ASCII or Unicode character.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	32 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Building
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CantChange

Property Name	Value
Description:	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).
Notes:	<p>Most organizations normally want to allow users to change their credentials. However, there are cases where this may not be desired. For example, in a scenario when more than one user has access to the same account; an administrator can set the credential, inform the users of the value of the credential, and not allow the users to change it.</p> <p>Values: 0: User is allowed to change their credential 1: User cannot change their credential</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.CantChange
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	PA Speech Enabled Name Dialing uses 'city' as a disambiguation method when duplicate names are present.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.City
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	The Class of Service (COS) specifies the features for which a user is licensed and limits such as recording limits. See tbl_COS table for more details.
Business Rules:	A user object is not required to have a COS associated with it. For example, a user who does not have any subscriptions to services such as voice mail or PA would not have a COS.
Developer Notes:	
Table/Column Mapping:	tbl_User.CosObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_User.Country
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (2 characters)
Validation - Expression:	^[a-zA-Z]*\$
Validation - Description:	ASCII lower or upper case alphabetical character only.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	2 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

CreationTime

Property Name	Value
Description:	The date and time the user account was created.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.CreationTime
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Department
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The DisplayName is not used to generate the spelled names for voice mail subscriptions, the first and last names are used for that purpose.
Business Rules:	<p>The rule for automatically generating the displayname uses the User "FirstName" and "LastName" columns.</p> <p>If neither the User firstname or lastname columns are populated, the displayname shall be composed using the User "Alias" column.</p>
Developer Notes:	
Table/Column Mapping:	tbl_User.DisplayName
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	TextName
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

DisplayNameRule

Property Name	Value
Description:	The format for generating the user display name.
Notes:	<p>If an organization uses a format other than those listed, one of these options must be used anyway, then manually adjust the display name in each user account.</p> <p>For Japanese, a value of 2 must be used.</p> <p>Values: 1: First name, then last name. 2: Last name, then first name.</p>
Business Rules:	<p>The rule for automatically generating the display name uses the user "FirstName" and "LastName" columns.</p> <p>If neither the user firstname or lastname columns are populated, the display name shall be composed using the user "Alias" column.</p>
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.DisplayNameRule
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	DisplayNameRule
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

DoesntExpire

Property Name	Value
Description:	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).

Property Name	Value
Notes:	<p>The scope of this setting is per credential. It enables an administrator to disable credential expiration on a per credential/user basis while maintaining a credential expiration policy for all users on the system. See tbl_Credential->DoesntExpire for more information.</p> <p>Values: 0: The user credential will automatically expire. The expiration of the credential is controlled by the value of the column tbl_CredentialPolicy->MaxDays. 1: The user credential will not automatically expire.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.DoesntExpire
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.

Property Name	Value
Notes:	<p>NULL is not allowed because the subscriber language cannot be inherited. See customtype "LanguageCode" for more information.</p> <p>There is another language value for a subscriber that outside callers hear when they call this subscriber. This is set on the primary call handler for this subscriber and CAN be set to NULL for Inherited.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069</p>

Property Name	Value
	1070: Sorbian 1070
	1071: Macedonian 1071
	1072: Sutu 1072
	1073: Tsonga 1073
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057

Property Name	Value
	2058: Spanish_Mexican 2058 2060: French_Belgian 2060 2064: Italian_Swiss 2064 2067: Dutch_Belgian 2067 2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	The default value for this column is derived from the user template.
Developer Notes:	Allowing NULL now.
Table/Column Mapping:	tbl_User.Language
Primary Key:	False
Allow Null:	True
Default Value:	NULL

Property Name	Value
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this user belongs.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.LocationObjectId
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	Identifies a mailbox in foreign email system for use in synchronizing information stored there, such as calendar information for personal rules.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.MailboxDn

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	lvarchar (392 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	392 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.MailboxStoreObjectId
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	This column is for informational purposes.

Property Name	Value
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Manager
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

MessageAgingPolicyObjectId

Property Name	Value
Description:	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_UserTemplate.MessageAgingPolicyObjectId
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_User.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.PabLastImported
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	datetime (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	A specific format for zip or postal codes is not required since these items differ so widely and can change at any time. This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.PostalCode
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (40 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	40 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	Normally used only for system objects.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.ReadOnly
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	

Property Name	Value
Validation - Minimum Value:	
Validation - Maximum Value:	

RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	<p>Values:</p> <p>0: Cisco Unity Connection will not route an NDR to the sender's mailbox. Rather Cisco Unity Connection will delete the NDR.</p> <p>1: Cisco Unity Connection will route an NDR to the sender's mailbox when the message is undeliverable. The NDR message will be presented in the new message stack. Cisco Unity Connection will activate the MWI similar to new voice messages. Cisco Unity Connection will also notify based on subscriber notification device settings when new NDR's are present in the subscriber mailbox similar to new voice messages.</p>
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.RouteNDRToSender
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	This column is for informational purposes.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.State

Property Name	Value
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	<p>The TimeZone value refers to an entry in the table tbl_TimeZone.</p> <p>By default this value is NULL, which means the user is in the same time zone as the VMS on which their account resides. If, however, a user is checking messages from another time zone, this value can be set to associate them with any time zone.</p> <p>Since messages are all stored with time stamps in Universal Time Coordinated (UTC), Unity translates the times into the appropriate time zone on the fly when users are checking messages in the same way an email client does when showing you your inbox.</p>
Business Rules:	
Developer Notes:	In versions prior to Cisco Unity Connection, the bias was stored in the lower 16-bits of the integer and the upper 16-bits was reserved for an identifier.
Table/Column Mapping:	tbl_User.TimeZone
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	Values: 0: Can be deleted 1: Cannot be deleted
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_User.Undeletable
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultLanguage

Property Name	Value
Description:	A flag indicating whether the language for this user template is derived from the user template object attribute or the default language from the location to which the user template belongs. Always use the Language column - if this is set, then the column Language is being derived directly from the location.
Notes:	Values: 0: The language is the default language defined for the user template. 1: The language is derived from the location to which this user template belongs.
Business Rules:	If the value of the Language attribute in the User table is NULL, then use the language from the location to which this user belongs. Otherwise the language as specified by the value of the tbl_User.Language is used.
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

UseDefaultTimeZone

Property Name	Value
Description:	A flag indicating whether the timezone for this user template is derived from the user template object attribute or the default timezone from the location to which the user template belongs. Always use the Timezone column - if this is set, then the column Timezone is being derived directly from the location.
Notes:	Values: 0: The time zone is the default timezone defined for the user template. 1: The time zone is derived from the location to which this user template belongs.
Business Rules:	If the value of the Timezone attribute in the User table is NULL, then use the timezone from the location to which this user belongs. Otherwise the timezone as specified by the value of the tbl_User.Timezone is used.
Developer Notes:	
Table/Column Mapping:	A mapping to a Table/Column does NOT exist for this View column.
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

5.194. vw_VMSServer

Contains the information for each server in the Virtual Messaging System (VMS) that the SRM needs to manage the servers in the VMS. A VMS is a collection of components running on one or more servers acting as one virtual voice messaging system.

Additional Information

This view is comprised of all the columns in the tbl_VMSServer table, plus an additional column TemplateName, which is the TemplateName of the template defined in tbl_VMSTemplate.ObjectId.

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	IpAddress	varchar (40 characters)	The IP address of the server.	IPAddress
	MaximumTelephonyPorts	smallint (2 bytes)	Maximum allowed telephony ports in system.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID
	ServerName	nvarchar (64 characters)	The name of the server.	
	TemplateName	nvarchar (64 characters)	The non-localized display name of the VMS template.	
PK	VmsServerObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.	ObjectID
	VmsTemplateObjectId	char (36 characters)	The unique identifier of the VMSTemplate object that defines the roles that run on this server.	ObjectID

Stored Procedures

Name	Description
csp_VMSServerCreate	Creates a new VMSServer object by inserting a new row into tbl_VMSServer. A VMSServer object consists of the information for each server in the Virtual Messaging System (VMS) that the SRM needs to manage the servers in the VMS.
csp_VMSServerDelete	Deletes a VMSServer object from tbl_VMSServer as specified by the @ObjectId parameter.
csp_VMSServerModify	Updates the attributes of a VMSServer object based on the values passed in via the parameters. The @ObjectId parameter identifies the VMSServer object that is updated.

Column Properties

IpAddress

Property Name	Value
Description:	The IP address of the server.
Notes:	IPv6 addresses not permitted yet.
Business Rules:	
Developer Notes:	In Kubrick, the validation rule attempted to support both IPv4 and IPv6, but it had some flaws. For example it did not support having an IPv4 address embedded in an IPv6 address. For reference, here's the old regular expression. (^[0-9]{1,3})\.([0-9]{1,3})\.([0-9]{1,3})\.([0-9]{1,3}) ([A-Fa-f0-9]{1,4}:){7}[A-Fa-f0-9]{1,4} [A-Fa-f0-9]{1,4}::([A-Fa-f0-9]{1,4}:){0,5}[A-Fa-f0-9]{1,4}
Table/Column Mapping:	tbl_VMSServer.IpAddress
Primary Key:	False
Allow Null:	True
Default Value:	NULL
Custom Type:	IPAddress
SQL Data Type/Length:	varchar (40 characters)
Validation - Expression:	^0*([1-9]?[d]1\d\d[2[0-4]\d25[0-5])\.0*([1-9]?[d]1\d\d[2[0-4]\d25[0-5])\.0*([1-9]?[d]1\d\d[2[0-4]\d25[0-5])\.0*([1-9]?[d]1\d\d[2[0-4]\d25[0-5])\$
Validation - Description:	IPv4 Address= X.X.X.X where X=0..255. Allows the use of leading zeros. For example, 019.021.055.001
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

MaximumTelephonyPorts

Property Name	Value
Description:	Maximum allowed telephony ports in system.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.MaximumTelephonyPorts
Primary Key:	False
Allow Null:	False
Default Value:	144
Custom Type:	
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	1024

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

ServerName

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	The server name must be unique within the VMS.
Developer Notes:	Data validation is based on DNS syntax rules as specified in RFC 1035 for a DNS domain name label.
Table/Column Mapping:	tbl_VMSServer.Name
Primary Key:	False

Property Name	Value
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[a-zA-Z0-9\~]*\$
Validation - Description:	ASCII characters only. All alphanumeric characters and hyphen.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateName

Property Name	Value
Description:	The non-localized display name of the VMS template.
Notes:	
Business Rules:	Template names must be unique within the VMS.
Developer Notes:	
Table/Column Mapping:	tbl_VMSTemplate.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsServerObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	Default value = newid().

Property Name	Value
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.ObjectID
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsTemplateObjectID

Property Name	Value
Description:	The unique identifier of the VMSTemplate object that defines the roles that run on this server.
Notes:	See tbl_VMSTemplate for details.
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_VMSServer.VmsTemplateObjectID
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.195. vw_VMSTemplate

Contains templates for configuring the VMS. A template is a predefined set of roles in a tested VMS configuration. Templates assign roles on servers based upon supported, approved configurations. This view contains both predefined templates that are shipped "out of the box" and customized templates created by the customer.

Additional Information

This view is comprised of all the columns in tbl_VMSTemplates table, plus an additional column "PropertyKey" that contains the localization constant for the TemplateName value.

You need to include "WHERE LanguageCode=1033" or such to get the PropertyKey (LocalizedName) in the desired language from tbl_LocalizedText.

Business Rules

For K1 VMS templates cannot be created by users. This view is read-only after initial configuration. Later in K2, users will be allowed to create custom templates.

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSTemplate object.	ObjectID
	SystemTemplate	smallint (2 bytes)	A flag indicating whether the template is a read-only, factory created, system template.	Bool
	TemplateName	nvarchar (64 characters)	The non-localized display name of the VMS template.	
PK	VmsTemplateObjectId	char (36 characters)	duplicate of ObjectId - temporary for backwards compatibility	ObjectID

Stored Procedures

Name	Description

Column Properties

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSTemplate object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSTemplate.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SystemTemplate

Property Name	Value
Description:	A flag indicating whether the template is a read-only, factory created, system template.
Notes:	Values: 0: Template is a user-defined template and can be modified 1: Template is a system template and cannot be modified by a user
Business Rules:	Users are not allowed to modify system templates.
Developer Notes:	
Table/Column Mapping:	tbl_VMSTemplate.SystemTemplate
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateName

Property Name	Value
Description:	The non-localized display name of the VMS template.
Notes:	
Business Rules:	Template names must be unique within the VMS.
Developer Notes:	
Table/Column Mapping:	tbl_VMSTemplate.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsTemplateObjectId

Property Name	Value
Description:	duplicate of ObjectId - temporary for backwards compatibility
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSTemplate.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.196. vw_VMSTemplateDisplay

Contains templates for configuring the VMS. A template is a predefined set of roles in a tested VMS configuration. Templates assign roles on servers based upon supported, approved configurations. This view contains both predefined templates that are shipped "out of the box" and customized templates created by the customer.

Additional Information

This view is comprised of all the columns in tbl_VMSTemplates table, plus an additional column "PropertyKey" that contains the localization constant for the TemplateName value.

You need to include "WHERE LanguageCode=1033" or such to get the PropertyKey (LocalizedName) in the desired language from tbl_LocalizedText.

Business Rules

For K1 VMS templates cannot be created by users. This view is read-only after initial configuration. Later in K2, users will be allowed to create custom templates.

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
PK	LanguageCode	int (4 bytes)	The language code (LCID) indicating the language of the text in the LocalizedName column.	Language-Code
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSTemplate object.	ObjectID
	PropertyKey	nvarchar (1024 characters)	Contains the localization constant for the VMSTemplate name.	
	SystemTemplate	smallint (2 bytes)	A flag indicating whether the template is a read-only, factory created, system template.	Bool
	TemplateName	nvarchar (64 characters)	The non-localized display name of the VMS template.	
PK	VmsTemplateObjectId	char (36 characters)	duplicate of ObjectId - temporary for backwards compatibility	ObjectID

Stored Procedures

Name	Description

Column Properties

LanguageCode

Property Name	Value
Description:	The language code (LCID) indicating the language of the text in the LocalizedName column.

Property Name	Value
Notes:	<p>You need to include "WHERE LanguageCode=1033" or such to get the PropertyKey (LocalizedName) in the desired language from tbl_LocalizedText.</p> <p>Values:</p> <p>10241: Arabic_Syria 10241 10249: English_Belize 10249 1025: Arabic_Saudi_Arabia 1025 10250: Spanish_Peru 10250 1026: Bulgarian 1026 1027: Catalan 1027 1028: Chinese_Taiwan 1028 1029: Czech 1029 1030: Danish 1030 1031: German_Standard 1031 1032: Greek 1032 1033: English_United_States 1033 1034: Spanish_Traditional_Sort 1034 1035: Finnish 1035 1036: French_Standard 1036 1037: Hebrew 1037 1038: Hungarian 1038 1039: Icelandic 1039 1040: Italian_Standard 1040 1041: Japanese 1041 1042: Korean 1042 1043: Dutch_Standard 1043 1044: Norwegian_Bokmal 1044 1045: Polish 1045 1046: Portuguese_Brazilian 1046 1047: Rhaeto-Romanic 1047 1048: Romanian 1048 1049: Russian 1049 1050: Croatian 1050 1051: Slovak 1051 1052: Albanian 1052 1053: Swedish 1053 1054: Thai 1054 1055: Turkish 1055 1056: Urdu 1056 1057: Indonesian 1057 1058: Ukrainian 1058 1059: Belarusian 1059 1060: Slovenian 1060 1061: Estonian 1061 1062: Latvian 1062 1063: Lithuanian 1063 1065: Farsi 1065 1066: Vietnamese 1066 1067: Armenian 1067 1068: Azeri_Latin 1068 1069: Basque 1069 1070: Sorbian 1070 1071: Macedonian 1071 1072: Sutu 1072 1073: Tsonga 1073</p>

Property Name	Value
	1074: Tswana 1074
	1076: Xhosa 1076
	1077: Zulu 1077
	1078: Afrikaans 1078
	1079: Georgian 1079
	1080: Faeroese 1080
	1081: Hindi 1081
	1082: Maltese 1082
	1084: Gaelic (Scots) 1084
	1085: Yiddish 1085
	1086: Malay_Malaysia 1086
	1087: Kazakh 1087
	1088: Kyrgyz 1088
	1089: Swahili 1089
	1091: Uzbek_Latin 1091
	1092: Tatar 1092
	1094: Punjabi 1094
	1095: Gujarati 1095
	1097: Tamil 1097
	1098: Telugu 1098
	1099: Kannada 1099
	1102: Marathi 1102
	1103: Sanskrit 1103
	1104: Mongolian 1104
	1110: Galician 1110
	1111: Konkani 1111
	1114: Syriac 1114
	1125: Divehi 1125
	11265: Arabic_Jordan 11265
	11273: English_Trinidad 11273
	11274: Spanish_Argentina 11274
	12289: Arabic_Lebanon 12289
	12297: English_Zimbabwe 12297
	12298: Spanish_Ecuador 12298
	13313: Arabic_Kuwait 13313
	13321: English_Philippines 13321
	13322: Spanish_Chile 13322
	14337: Arabic_UAE 14337
	14346: Spanish_Uruguay 14346
	15361: Arabic_Bahrain 15361
	15370: Spanish_Paraguay 15370
	16385: Arabic_Qatar 16385
	16394: Spanish_Bolivia 16394
	17418: Spanish_El_Salvador 17418
	18442: Spanish_Honduras 18442
	19466: Spanish_Nicaragua 19466
	2049: Arabic_Iraq 2049
	20490: Spanish_Puerto_Rico 20490
	2052: Chinese_PRC 2052
	2055: German_Swiss 2055
	2057: English_United_Kingdom 2057
	2058: Spanish_Mexican 2058
	2060: French_Belgian 2060
	2064: Italian_Swiss 2064
	2067: Dutch_Belgian 2067

Property Name	Value
	2068: Norwegian_Nynorsk 2068 2070: Portuguese_Standard 2070 2072: Romanian (Moldavia) 2072 2073: Russian (Moldavia) 2073 2074: Serbian_Latin 2074 2077: Swedish_Finland 2077 2092: Azeri_Cyrillic 2092 2110: Malay_Brunei_Darussalam 2110 2115: Uzbek_Cyrillic 2115 3073: Arabic_Egypt 3073 3076: Chinese_Hong_Kong 3076 3079: German_Austrian 3079 3081: English_Australian 3081 3082: Spanish_Modern_Sort 3082 3084: French_Canadian 3084 3098: Serbian_Cyrillic 3098 33801: Special code for hearing impaired phones 4097: Arabic_Libya 4097 4100: Chinese_Singapore 4100 4103: German_Luxembourg 4103 4105: English_Canadian 4105 4106: Spanish_Guatemala 4106 4108: French_Swiss 4108 5121: Arabic_Algeria 5121 5124: Chinese_Macau 5124 5127: German_Liechtenstein 5127 5129: English_New_Zealand 5129 5130: Spanish_Costa_Rica 5130 5132: French_Luxembourg 5132 6145: Arabic_Morocco 6145 6153: English_Ireland 6153 6154: Spanish_Panama 6154 6156: French_Monaco 6156 7169: Arabic_Tunisia 7169 7177: English_South_Africa 7177 7178: Spanish_Dominican_Republic 7178 8193: Arabic_Oman 8193 8201: English_Jamaica 8201 8202: Spanish_Venezuela 8202 9217: Arabic_Yemen 9217 9225: English_Caribbean 9225 9226: Spanish_Colombia 9226
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LanguageCode
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	LanguageCode
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	

Property Name	Value
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSTemplate object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSTemplate.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

PropertyKey

Property Name	Value
Description:	Contains the localization constant for the VMSTemplate name.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_LocalizedText.LocalizedName
Primary Key:	False
Allow Null:	False
Default Value:	

Property Name	Value
Custom Type:	
SQL Data Type/Length:	nvarchar (1024 characters)
Validation - Expression:	^[^\x00-\x1F\x7F\x0A\x0D]*\$
Validation - Description:	Any character (Unicode and ASCII).
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	1024 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SystemTemplate

Property Name	Value
Description:	A flag indicating whether the template is a read-only, factory created, system template.
Notes:	Values: 0: Template is a user-defined template and can be modified 1: Template is a system template and cannot be modified by a user
Business Rules:	Users are not allowed to modify system templates.
Developer Notes:	
Table/Column Mapping:	tbl_VMSTemplate.SystemTemplate
Primary Key:	False
Allow Null:	False
Default Value:	1
Custom Type:	Bool
SQL Data Type/Length:	smallint (2 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

TemplateName

Property Name	Value
Description:	The non-localized display name of the VMS template.
Notes:	
Business Rules:	Template names must be unique within the VMS.
Developer Notes:	

Property Name	Value
Table/Column Mapping:	tbl_VMSTemplate.Name
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (64 characters)
Validation - Expression:	^[^\x00-\x1F\x7F]*\$
Validation - Description:	Any character except non-printing ASCII characters.
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	64 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

VmsTemplateObjectId

Property Name	Value
Description:	duplicate of ObjectId - temporary for backwards compatibility
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_VMSTemplate.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

5.197. vw_WaveFormat

A simple view for tbl_WaveFormat.

Contains definitions of the format of waveform-audio data (i.e., wave file formats).

Additional Information

Business Rules

Column Summary

Key	Name	SQL Data Type/Length	Description	Custom Type
	AvgBytesPerSec	bigint (8 bytes)	Specifies the required average data-transfer rate (in bytes per second) for the FormatTag.	
	BitsPerSample	int (4 bytes)	Bits per sample for the FormatTag.	
	BlockAlign	int (4 bytes)	Block alignment, in bytes.	
	Channels	int (4 bytes)	Number of channels in the waveform-audio data.	
	CodecId	int (4 bytes)	Internal Codec ID number	
	FormatName	varchar (128 characters)	Name reported by the OS corresponding to FormatTag.	
	FormatTag	int (4 bytes)	Waveform-audio format type.	
	JavaEncoding	nvarchar (24 characters)	Corresponding value of javax.sound.sampled.AudioFormat.Encoding as string.	
PK	ObjectId	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a WaveFormat object.	ObjectID
	SamplesPerSec	bigint (8 bytes)	Specifies the required data-transfer rate (in bytes per second) for the FormatTag.	

Stored Procedures

Name	Description
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Column Properties

AvgBytesPerSec

Property Name	Value
Description:	Specifies the required average data-transfer rate (in bytes per second) for the FormatTag.
Notes:	
Business Rules:	Greater than zero
Developer Notes:	See Microsoft documentation of WAVEFORMATEX for more information. Max value is 4294967295 (DWORD max 0xffffffff). This value is too large to enter as a maximum value constraint.
Table/Column Mapping:	tbl_WaveFormat.AvgBytesPerSec
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	bigint (8 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

BitsPerSample

Property Name	Value
Description:	Bits per sample for the FormatTag.
Notes:	
Business Rules:	Greater than zero
Developer Notes:	See Microsoft documentation of WAVEFORMATEX for more information.
Table/Column Mapping:	tbl_WaveFormat.BitsPerSample
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

BlockAlign

Property Name	Value
Description:	Block alignment, in bytes.
Notes:	The block alignment is the minimum atomic unit of data for the FormatTag format type
Business Rules:	Greater than zero
Developer Notes:	See Microsoft documentation of WAVEFORMATEX for more information.
Table/Column Mapping:	tbl_WaveFormat.BlockAlign
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

Channels

Property Name	Value
Description:	Number of channels in the waveform-audio data.
Notes:	Monaural data uses one channel and stereo data uses two channels.
Business Rules:	Greater than zero
Developer Notes:	See Microsoft documentation of WAVEFORMATEX for more information.
Table/Column Mapping:	tbl_WaveFormat.Channels
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

CodecId

Property Name	Value
Description:	Internal Codec ID number
Notes:	
Business Rules:	
Developer Notes:	C++ symbols are GY_AUDIO_CODEC_*, see un_Miu project.
Table/Column Mapping:	tbl_WaveFormat.CodecId
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

FormatName

Property Name	Value
Description:	Name reported by the OS corresponding to FormatTag.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_WaveFormat.FormatName
Primary Key:	False
Allow Null:	False
Default Value:	
Custom Type:	
SQL Data Type/Length:	varchar (128 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	1 characters
Validation - Maximum Length:	128 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

FormatTag

Property Name	Value
Description:	Waveform-audio format type.
Notes:	
Business Rules:	Greater than zero
Developer Notes:	Format tags are registered with Microsoft Corporation for many compression algorithms. A complete list of format tags can be found in the Mmreg.h header file. See Microsoft documentation of WAVEFORMATEX for more information.
Table/Column Mapping:	tbl_WaveFormat.FormatTag
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	int (4 bytes)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	0
Validation - Maximum Value:	65535

JavaEncoding

Property Name	Value
Description:	Corresponding value of javax.sound.sampled.AudioFormat.Encoding as string.
Notes:	
Business Rules:	
Developer Notes:	
Table/Column Mapping:	tbl_WaveFormat.JavaEncoding
Primary Key:	False
Allow Null:	True
Default Value:	
Custom Type:	
SQL Data Type/Length:	nvarchar (24 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	0 characters
Validation - Maximum Length:	24 characters
Validation - Minimum Value:	

Property Name	Value
Validation - Maximum Value:	

ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a WaveFormat object.
Notes:	
Business Rules:	Default value = newid().
Developer Notes:	
Table/Column Mapping:	tbl_WaveFormat.ObjectId
Primary Key:	True
Allow Null:	False
Default Value:	
Custom Type:	ObjectID
SQL Data Type/Length:	char (36 characters)
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	36 characters
Validation - Maximum Length:	36 characters
Validation - Minimum Value:	
Validation - Maximum Value:	

SamplesPerSec

Property Name	Value
Description:	Specifies the required data-transfer rate (in bytes per second) for the FormatTag.
Notes:	
Business Rules:	Greater than zero
Developer Notes:	See Microsoft documentation of WAVEFORMATEX for more information. Max value is 4294967295 (DWORD max 0xffffffff). This value is too large to enter as a maximum value constraint.
Table/Column Mapping:	tbl_WaveFormat.SamplesPerSec
Primary Key:	False
Allow Null:	False
Default Value:	0
Custom Type:	
SQL Data Type/Length:	bigint (8 bytes)

Property Name	Value
Validation - Expression:	
Validation - Description:	
Validation - Minimum Length:	
Validation - Maximum Length:	
Validation - Minimum Value:	
Validation - Maximum Value:	

Chapter 6. Stored Procedures

6.1. csp_AgencyCreate

Creates a new Community Voice Mail agency by inserting a new row into tbl_Agency.

Additional Information

The parameters @AdministratorTemplateObjectId, @ClientCOSObjectId, @ClientTemplateObjectId, and @DisplayName must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ClientCOSObjectId	In	inherit	char (36 characters)	The Class of Service to which clients belonging to this agency are assigned.
Required	@ClientTemplateObjectId	In	inherit	char (36 characters)	The user template used when creating/resetting client mailboxes belonging to this agency.
Required	@DisplayName	In	inherit	nvarchar (64 characters)	Preferred name of the agency to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@AdministratorTemplateObjectId	In	inherit	char (36 characters)	The user template used to create new administrators for this agency.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an Agency object.

Exceptions

csp_AgencyCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@AdministratorTemplateObjectId, @ClientCOSOObjectId, @ClientTemplateObjectId, and @DisplayName) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AdministratorTemplateObjectId

Property Name	Value
Description:	The user template used to create new administrators for this agency.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Agency.AdministratorTemplateObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.AdministratorTemplateObjectId." If "tbl_Agency.AdministratorTemplateObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ClientCOSObjectId

Property Name	Value
Description:	The Class of Service to which clients belonging to this agency are assigned.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Agency.ClientCOSObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.ClientCOSObjectId." If "tbl_Agency.ClientCOSObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@ClientTemplateObjectId

Property Name	Value
Description:	The user template used when creating/resetting client mailboxes belonging to this agency.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Agency.ClientTemplateObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.ClientTemplateObjectId." If "tbl_Agency.ClientTemplateObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	Preferred name of the agency to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Agency.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.DisplayName." If "tbl_Agency.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an Agency object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Agency.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.ObjectId." If "tbl_Agency.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

6.2. csp_AgencyDelete

Deletes an Agency object from tbl_Agency as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an Agency object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_AgencyDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The Agency object specified by @ObjectId was not found. The names of the object (Agency), table (tbl_Agency), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Agency), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an Agency object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Agency.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.ObjectId." If "tbl_Agency.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.3. csp_AgencyExtensionRangeCreate

Creates a new range of extensions for a Community Voice Mail agency by inserting a new row into tbl_AgencyExtensionRange.

Additional Information

The parameters @AgencyObjectId, @MinExtensionNumber and @MaxExtensionNumber must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@AgencyObjectId	In	inherit	char (36 characters)	The agency to which this range of extensions is assigned.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@MaxExtensionNumber	In	inherit	nvarchar (10 characters)	The number of the last extension in this range of extensions assigned to an agency.
Optional	@MinExtensionNumber	In	inherit	nvarchar (10 characters)	The number of the first extension in this range of extensions assigned to an agency.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an AgencyExtensionRange object.

Exceptions

csp_AgencyExtensionRangeCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@AgencyObjectId, @MinExtensionNumber and @MaxExtensionNumber) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AgencyObjectId

Property Name	Value
Description:	The agency to which this range of extensions is assigned.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AgencyExtensionRange.AgencyObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AgencyExtensionRange.AgencyObjectId." If "tbl_AgencyExtensionRange.AgencyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MaxExtensionNumber

Property Name	Value
Description:	The number of the last extension in this range of extensions assigned to an agency.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AgencyExtensionRange.MaxExtensionNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (10 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_AgencyExtensionRange.MaxExtensionNumber." If "tbl_AgencyExtensionRange.MaxExtensionNumber" can be NULL, then explicit NULL is allowed.
Default Value:	411
Direction:	In
Update Column Value From Parameter:	True

@MinExtensionNumber

Property Name	Value
Description:	The number of the first extension in this range of extensions assigned to an agency.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_AgencyExtensionRange.MinExtensionNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (10 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_AgencyExtensionRange.MinExtensionNumber." If "tbl_AgencyExtensionRange.MinExtensionNumber" can be NULL, then explicit NULL is allowed.
Default Value:	411
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an AgencyExtensionRange object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AgencyExtensionRange.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AgencyExtensionRange.ObjectId." If "tbl_AgencyExtensionRange.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

6.4. csp_AgencyExtensionRangeDelete

Deletes an AgencyExtensionRange object from tbl_AgencyExtensionRange as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an AgencyExtensionRange object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_AgencyExtensionRangeDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The AgencyExtensionRange object specified by @ObjectId was not found. The names of the object (Agency extension range), table (tbl_AgencyExtensionRange), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_AgencyExtensionRange), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an AgencyExtensionRange object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AgencyExtensionRange.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AgencyExtensionRange.ObjectId." If "tbl_AgencyExtensionRange.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.5. csp_AgencyExtensionRangeModify

Updates the attributes of an AgencyExtensionRange object based on the values passed in via the parameters. The @ObjectId parameter identifies the AgencyExtensionRange object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an AgencyExtensionRange object.
Optional	@AgencyObjectId	In	inherit	char (36 characters)	The agency to which this range of extensions is assigned.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@MaxExtensionNumber	In	inherit	nvarchar (10 characters)	The number of the last extension in this range of extensions assigned to an agency.
Optional	@MinExtensionNumber	In	inherit	nvarchar (10 characters)	The number of the first extension in this range of extensions assigned to an agency.

Exceptions

csp_AgencyExtensionRangeModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The AgencyExtensionRange object specified by @ObjectId was not found. The names of the object (Agency extension range), table (tbl_AgencyExtensionRange), and column (ObjectId) are included with the exception message.

Parameter Properties

@AgencyObjectId

Property Name	Value
Description:	The agency to which this range of extensions is assigned.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AgencyExtensionRange.AgencyObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AgencyExtensionRange.AgencyObjectId." If "tbl_AgencyExtensionRange.AgencyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxExtensionNumber

Property Name	Value
Description:	The number of the last extension in this range of extensions assigned to an agency.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AgencyExtensionRange.MaxExtensionNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (10 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_AgencyExtensionRange.MaxExtensionNumber." If "tbl_AgencyExtensionRange.MaxExtensionNumber" can be NULL, then explicit NULL is allowed.
Default Value:	411
Direction:	In
Update Column Value From Parameter:	True

@MinExtensionNumber

Property Name	Value
Description:	The number of the first extension in this range of extensions assigned to an agency.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AgencyExtensionRange.MinExtensionNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (10 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_AgencyExtensionRange.MinExtensionNumber." If "tbl_AgencyExtensionRange.MinExtensionNumber" can be NULL, then explicit NULL is allowed.
Default Value:	411
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an AgencyExtensionRange object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AgencyExtensionRange.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AgencyExtensionRange.ObjectId." If "tbl_AgencyExtensionRange.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.6. csp_AgencyModify

Updates the attributes of an Agency object based on the values passed in via the parameters. The @ObjectId parameter identifies the Agency object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an Agency object.
Optional	@AdministratorTemplateObjectId	In	inherit	char (36 characters)	The user template used to create new administrators for this agency.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ClientCOSObjectId	In	inherit	char (36 characters)	The Class of Service to which clients belonging to this agency are assigned.
Optional	@ClientTemplateObjectId	In	inherit	char (36 characters)	The user template used when creating/resetting client mailboxes belonging to this agency.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	Preferred name of the agency to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Exceptions

csp_AgencyModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The Agency object specified by @ObjectId was not found. The names of the object (Agency), table (tbl_Agency), and column (ObjectId) are included with the exception message.

Parameter Properties

@AdministratorTemplateObjectId

Property Name	Value
Description:	The user template used to create new administrators for this agency.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Agency.AdministratorTemplateObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.AdministratorTemplateObjectId." If "tbl_Agency.AdministratorTemplateObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ClientCOSObjectId

Property Name	Value
Description:	The Class of Service to which clients belonging to this agency are assigned.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Agency.ClientCOSObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.ClientCOSObjectId." If "tbl_Agency.ClientCOSObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ClientTemplateObjectId

Property Name	Value
Description:	The user template used when creating/resetting client mailboxes belonging to this agency.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Agency.ClientTemplateObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.ClientTemplateObjectId." If "tbl_Agency.ClientTemplateObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	Preferred name of the agency to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Agency.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.DisplayName." If "tbl_Agency.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an Agency object.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Agency.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Agency.ObjectId." If "tbl_Agency.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.7. csp_AliasCreate

Creates a new Alias object for a user, Contact, distribution list, or personal group by inserting a new row into tbl_Alias.

Additional Information

The parameter @Alias must be provided.

If the @LocationObjectId is not passed in or is NULL, the Location will be set to the default location - LocationVMS.

If @SmtpAddress is not passed in or is NULL, the SmtpAddress is formed as such: @Alias + "@" + @Domain. The value of @Domain is derived directly from the value of the SmtpDomain property for the specified Location.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsPrimary	In	inherit	smallint (2 bytes)	A flag indicating whether this is a primary alias. Typically used for a user.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this alias belongs.
Optional	@MailName	In	ignore	varchar (64 characters)	Name used to construct local-part of an Alias's SmtpAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtpAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Object_ContactObjectId	In	inherit	char (36 characters)	The object to which this alias pertains. If the alias is for a Contact, the unique identifier of the Contact object to which this alias refers. Otherwise, this attribute is set to NULL.
Optional	@Object_DistributionListObjectId	In	inherit	char (36 characters)	The object to which this alias pertains. If the alias is for a distribution list, the unique identifier of the DistributionList object to which this alias refers. Otherwise, this attribute is set to NULL.
Optional	@Object_PersonalGroupId	In	inherit	char (36 characters)	The object to which this alias pertains. If the alias is for a personal group, the unique identifier of the PersonalGroup object to which this alias refers. Otherwise, this attribute is set to NULL.
Optional	@Object_UserObjectId	In	inherit	char (36 characters)	The object to which this alias pertains. If the alias is for a user, the unique identifier of the User object to which this alias refers. Otherwise, this attribute is set to NULL.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an Alias object.
Optional	@SmtpAddress	In	inherit	nvarchar (320 characters)	The full SMTP address for this object.

Exceptions

csp_AliasCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Alias is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause the Object Not Found exception to be thrown: 1. The default Location object was not found. The names of the object (Default location), table (tbl_LocationVMS), and column (IsPrimary) are included with the exception message. 2. The specified Location object was not found. The names of the object (Location), table (tbl_LocationI), and columns (ObjectId) are included with the exception message.

Parameter Properties

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a primary alias. Typically used for a user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.IsPrimary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.IsPrimary." If "tbl_Alias.IsPrimary" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectld

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this alias belongs.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Alias.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.LocationObjectId." If "tbl_Alias.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailName

Property Name	Value
Description:	Name used to construct local-part of an Alias's SmtetAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtetAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Notes:	<p>The syntax specification defined by the Messaging Team, references RFC 2282 (Internet Message Format).</p> <p>Syntax specification: Email Address= Local-Part '@' Domain Name where</p> <p>Local-Part (Max size : 64)</p> <ul style="list-style-type: none"> * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character '.' is allowed but it cannot be the first or last character in the local-part.
Business Rules:	
Developer Notes:	This is varchar(64) to match size of Alias (nvarchar(64))
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	MailName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Object_ContactObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a Contact, the unique identifier of the Contact object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Object_ContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Object_ContactObjectId." If "tbl_Alias.Object_ContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Object_DistributionListObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a distribution list, the unique identifier of the DistributionList object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Object_DistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Object_DistributionListObjectId." If "tbl_Alias.Object_DistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Object_PersonalGroupObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a personal group, the unique identifier of the PersonalGroup object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Object_PersonalGroupObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Object_PersonalGroupObjectId." If "tbl_Alias.Object_PersonalGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Object_UserObjectId

Property Name	Value
Description:	The object to which this alias pertains. If the alias is for a user, the unique identifier of the User object to which this alias refers. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Object_UserObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Object_UserObjectId." If "tbl_Alias.Object_UserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an Alias object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.ObjectId." If "tbl_Alias.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@SmtpAddress

Property Name	Value
Description:	The full SMTP address for this object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.SmtpAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	SmtpAddress
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.SmtpAddress." If "tbl_Alias.SmtpAddress" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.8. csp_AliasDelete

Deletes an Alias object from tbl_Alias as specified by the @Alias and @LocationObjectId parameters.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an Alias object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_AliasDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Alias and @LocationObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause the Object Not Found exception to be thrown: 1. The Alias object for the specified Location was not found. The names of the object (Alias), table (tbl_Alias), and columns (Alias and LocationObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Alias), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an Alias object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.ObjectId." If "tbl_Alias.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.9. csp_AliasModify

Updates the attributes of a Alias object for a user, Contact, distribution list, or personal group based on the values passed in via the parameters. The @Alias and @LocationObjectId parameters identify the Alias object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an Alias object.
Optional	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsPrimary	In	inherit	smallint (2 bytes)	A flag indicating whether this is a primary alias. Typically used for a user.
Optional	@MailName	In	ignore	varchar (64 characters)	Name used to construct local-part of an Alias's SmtetAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtetAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Optional	@SmtetAddress	In	inherit	lvarchar (320 characters)	The full SMTP address for this object.

Exceptions

csp_AliasModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Alias and @LocationObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The Alias object for the specified Location was not found. The names of the object (Alias), table (tbl_Alias), and columns (Alias and LocationObjectId) are included with the exception message.

Parameter Properties

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a primary alias. Typically used for a user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.IsPrimary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.IsPrimary." If "tbl_Alias.IsPrimary" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@MailName

Property Name	Value
Description:	Name used to construct local-part of an Alias's SmtAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Notes:	<p>The syntax specification defined by the Messaging Team, references RFC 2282 (Internet Message Format).</p> <p>Syntax specification: Email Address= Local-Part '@' Domain Name where</p> <p>Local-Part (Max size : 64)</p> <ul style="list-style-type: none"> * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character ' ' is allowed but it cannot be the first or last character in the local-part.
Business Rules:	
Developer Notes:	This is varchar(64) to match size of Alias (nvarchar(64))
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	MailName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an Alias object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.ObjectId

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.ObjectId." If "tbl_Alias.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SmtpAddress

Property Name	Value
Description:	The full SMTP address for this object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.SmtpAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (320 characters)
Custom Type:	SmtpAddress
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.SmtpAddress." If "tbl_Alias.SmtpAddress" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.10. csp_AllocateVoiceFile

Allocates a voice file that can be used for voice names and greetings by creating a new StreamFile object in tbl_StreamFile.

Additional Information

Many stored procedures, such as csp_UserCreate and csp_SubscriberCreate, take a voice filename as input so that a voice name can be recorded in advance before adding the user or subscriber.

In order to keep track of files and to make sure filenames are unique, this filename must be generated using csp_AllocateVoiceFile.

If for some reason the file is allocated but never passed into a stored procedure to be associated with an object (like a user), there is nothing more that needs to be done - the file will be automatically removed after a certain period of time.

The cleanup can be forced to happen sooner by calling csp_StreamFileDelete (after first getting the stream id based on the filename using vw_StreamFile), but this is not necessary.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FileName	Out	inherit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Optional	@ReserveTime	In	ignore	int (4 bytes)	The amount of time for which the filename should be reserved. If the filename is not used in that time span, it will be removed.

Exceptions

csp_AllocateVoiceFile does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@FileName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@ReserveTime

Property Name	Value
Description:	The amount of time for which the filename should be reserved. If the filename is not used in that time span, it will be removed.
Notes:	Time in minutes.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.11. csp_AlternateNameCreate

Creates a new AlternateName for either a Contact or User by inserting a new row into tbl_AlternateName.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@ContactObjectId	In	inherit	char (36 characters)	The unique identifier of the Contact to which this alternate name belongs.
Optional	@DistributionListObjectId	In	inherit	char (36 characters)	The unique identifier of the Distribution List to which this alternate name belongs.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of this person. Not their surname nor middle name.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of this person, by which a person is commonly known.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location to which this alternate name belongs.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an AlternateName object.
Optional	@PersonalContactObjectId	In	inherit	char (36 characters)	The unique identifier of the Personal Contact to which this alternate name belongs.
Optional	@PersonalGroupObjectId	In	inherit	char (36 characters)	The unique identifier of the Personal Group to which this alternate name belongs.
Optional	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User to which this alternate name belongs.

Exceptions

csp_AlternateNameCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid user object as specified by @UserObjectId was not found. Rather the object specified by @UserObjectId is a user template. The names of the object (user), parameter (@UserObjectId), view (vw_Subscriber), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)

Property Name	Value
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ContactObjectId

Property Name	Value
Description:	The unique identifier of the Contact to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.ContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.ContactObjectId." If "tbl_AlternateName.ContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the Distribution List to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.DistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.DistributionListObjectId." If "tbl_AlternateName.DistributionListObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this person. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.FirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.FirstName." If "tbl_AlternateName.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this person, by which a person is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.LastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.LastName." If "tbl_AlternateName.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.LocationObjectId." If "tbl_AlternateName.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an AlternateName object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.ObjectId." If "tbl_AlternateName.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the Personal Contact to which this alternate name belongs.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.PersonalContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.PersonalContactObjectId." If "tbl_AlternateName.PersonalContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PersonalGroupObjectId

Property Name	Value
Description:	The unique identifier of the Personal Group to which this alternate name belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.PersonalGroupObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.PersonalGroupObjectId." If "tbl_AlternateName.PersonalGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User to which this alternate name belongs.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.UserObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.UserObjectId." If "tbl_AlternateName.UserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.12. csp_AlternateNameDelete

Deletes an AlternateName object from tbl_AlternateName as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an AlternateName object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_AlternateNameDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The AlternateName object specified by @ObjectId was not found. The names of the object (Alternate name), table (tbl_AlternateName), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_AlternateName), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an AlternateName object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.ObjectId." If "tbl_AlternateName.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.13. csp_AlternateNameModify

Updates the FirstName and LastName attributes of an AlternateName object based on the values passed in via the parameters. The @ObjectId parameter identifies the AlternateName object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for an AlternateName object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of this person. Not their surname nor middle name.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of this person, by which a person is commonly known.

Exceptions

csp_AlternateNameModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The AlternateName object specified by @ObjectId was not found. The names of the object (Alternate name), table (tbl_AlternateName), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this person. Not their surname nor middle name.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.FirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.FirstName." If "tbl_AlternateName.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this person, by which a person is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_AlternateName.LastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.LastName." If "tbl_AlternateName.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for an AlternateName object.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_AlternateName.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_AlternateName.ObjectId." If "tbl_AlternateName.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.14. csp_BroadcastMessageCreate

Creates a new BroadcastMessage object by inserting a new row into tbl_BroadcastMessage. Broadcast messages are a special type of message that is created for all Cisco Unity Connection subscribers on a VMS.

Additional Information

The parameters @StreamFile and @SubscriberObjectId must be provided.

This procedure also updates the FileName of the StreamFile by executing csp_StreamFileModify.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@StreamFile	In	inherit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object that sent this broadcast message.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@EndDate	In	inherit	datetime (8 bytes)	The date and time when the message expires.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.
Optional	@StartDate	In	inherit	datetime (8 bytes)	The date and time when the message becomes active.

Exceptions

csp_BroadcastMessageCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@StreamFile and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid subscriber object as specified by @SubscriberObjectId was not found. Rather the object specified by @SubscriberObjectId is a user template. The names of the object (user), parameter (@SubscriberObjectId), view (vw_Subscriber), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EndDate

Property Name	Value
Description:	The date and time when the message expires.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.EndDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.EndDate." If "tbl_BroadcastMessage.EndDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.ObjectId." If "tbl_BroadcastMessage.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out

Property Name	Value
Update Column Value From Parameter:	True

@StartDate

Property Name	Value
Description:	The date and time when the message becomes active.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.StartDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.StartDate." If "tbl_BroadcastMessage.StartDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@StreamFile

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object that sent this broadcast message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.SubscriberObjectId." If "tbl_BroadcastMessage.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.15. csp_BroadcastMessageDelete

Deletes a BroadcastMessage object from tbl_BroadcastMessage as specified by the @ObjectId parameter. The StreamFile is also deleted by executing csp_StreamFileDelete.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_BroadcastMessageDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are three conditions that can cause an Object Not Found exception to be thrown: 1. The specified BroadcastMessage object was not found. The names of the object (Broadcast message), table (tbl_BroadcastMessage), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_BroadcastMessage), and the column (ObjectId) are included with the exception message. The active transaction is rolled back. 3. From csp_StreamFileDelete: The specified StreamFile object was not found. The names of the object (Stream file), table (tbl_StreamFile), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.ObjectId." If "tbl_BroadcastMessage.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.16. csp_BroadcastMessageModify

Updates the attributes of a BroadcastMessage object based on the values passed in via the parameters. The @ObjectId parameter identifies the BroadcastMessage object that is updated. The associated StreamFile is also updated.

Additional Information

The LastModificationDate is set to the current date and time.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@LastModificationSubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the subscriber that last modified the message.
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@EndDate	In	inherit	datetime (8 bytes)	The date and time when the message expires.
Optional	@ModifierSubscriberObjectId	In	inherit	char (36 characters)	Deprecated - please use LastModificationSubscriberObjectId instead
Optional	@StartDate	In	inherit	datetime (8 bytes)	The date and time when the message becomes active.
Optional	@StreamFile	In	explicit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.

Exceptions

csp_BroadcastMessageModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@StreamFile and @ModifierSubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	<p>There are two conditions that can cause a EXCEPTION_OBJECT_NOTFOUND exception to be thrown:</p> <ol style="list-style-type: none"> 1. The specified BroadcastMessage object was not found. The names of the object (Broadcast message), table (tbl_BroadcastMessage), and column (ObjectId) are included with the exception message. 2. From csp_StreamFileModify: The specified StreamFile object was not found. The names of the object (Stream file), table (tbl_StreamFile), and column (FileName) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EndDate

Property Name	Value
Description:	The date and time when the message expires.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.EndDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.EndDate." If "tbl_BroadcastMessage.EndDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastModificationSubscriberObjectId

Property Name	Value
Description:	The unique identifier of the subscriber that last modified the message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.LastModificationSubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.LastModificationSubscriberObjectId." If "tbl_BroadcastMessage.LastModificationSubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ModifierSubscriberObjectId

Property Name	Value
Description:	Deprecated - please use LastModificationSubscriberObjectId instead
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.LastModificationSubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.LastModificationSubscriberObjectId." If "tbl_BroadcastMessage.LastModificationSubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.ObjectId." If "tbl_BroadcastMessage.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@StartDate

Property Name	Value
Description:	The date and time when the message becomes active.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.StartDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.StartDate." If "tbl_BroadcastMessage.StartDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@StreamFile

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

6.17. csp_BroadcastMessagePurge

Purges expired broadcast messages.

Additional Information

Intended mainly for calling from background cleanup process. Normally run via SysAgent task.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_BroadcastMessagePurge does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.18. csp_BroadcastMessageRecipientCreate

Creates a new BroadcastMessageRecipient object by inserting a new row into tbl_BroadcastMessageRecipient. For each recipient of a broadcast message, tracks which subscribers have listened to which broadcast messages.

Additional Information

The parameters @BroadcastMessageObjectId and @SubscriberObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@BroadcastMessageObjectId	In	inherit	char (36 characters)	The unique identifier of the broadcast message.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the recipient subscriber.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Status	In	inherit	smallint (2 bytes)	A flag indicating whether the recipient has listened to the message.

Exceptions

csp_BroadcastMessageRecipientCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@BroadcastMessageObjectId and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@BroadcastMessageObjectId

Property Name	Value
Description:	The unique identifier of the broadcast message.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_BroadcastMessageRecipient.BroadcastMessageObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessageRecipient.BroadcastMessageObjectId." If "tbl_BroadcastMessageRecipient.BroadcastMessageObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Status

Property Name	Value
Description:	A flag indicating whether the recipient has listened to the message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessageRecipient.Status
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessageRecipient.Status." If "tbl_BroadcastMessageRecipient.Status" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the recipient subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessageRecipient.SubscriberObjectId
Required/Optional Parameter:	Required

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessageRecipient.SubscriberObjectId." If "tbl_BroadcastMessageRecipient.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.19. csp_BroadcastMessageRecipientDelete

Deletes a BroadcastMessageRecipient object from tbl_BroadcastMessageRecipient as specified by the combination of the @BroadcastMessageObjectId and @SubscriberObjectId parameters.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@BroadcastMessageObjectId	In	inherit	char (36 characters)	The unique identifier of the broadcast message.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the recipient subscriber.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_BroadcastMessageRecipientDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@BroadcastMessageObjectId and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified BroadcastMessageRecipient object was not found. The names of the object (Broadcast message recipient), table (tbl_BroadcastMessageRecipient), and columns (BroadcastMessageObjectId and SubscriberObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_BroadcastMessageRecipient), and the columns (BroadcastMessageObjectId and SubscriberObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@BroadcastMessageObjectld

Property Name	Value
Description:	The unique identifier of the broadcast message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessageRecipient.BroadcastMessageObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessageRecipient.BroadcastMessageObjectId." If "tbl_BroadcastMessageRecipient.BroadcastMessageObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the recipient subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessageRecipient.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessageRecipient.SubscriberObjectId." If "tbl_BroadcastMessageRecipient.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.20. csp_BroadcastMessageRecipientModify

Updates the attributes of a BroadcastMessageRecipient object based on the values passed in via the parameters. The combination of the @BroadcastMessageObjectId and @SubscriberObjectId parameters identify the BroadcastMessageRecipient object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@BroadcastMessageObjectId	In	inherit	char (36 characters)	The unique identifier of the broadcast message.
Required	@Status	In	inherit	smallint (2 bytes)	A flag indicating whether the recipient has listened to the message.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the recipient subscriber.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_BroadcastMessageRecipientModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@BroadcastMessageObjectId, @SubscriberObjectId, and @Status) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified BroadcastMessageRecipient object was not found. The names of the object (Broadcast message recipient), table (tbl_BroadcastMessageRecipient), and columns (BroadcastMessageObjectId and SubscriberObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@BroadcastMessageObjectid

Property Name	Value
Description:	The unique identifier of the broadcast message.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessageRecipient.BroadcastMessageObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessageRecipient.BroadcastMessageObjectId." If "tbl_BroadcastMessageRecipient.BroadcastMessageObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Status

Property Name	Value
Description:	A flag indicating whether the recipient has listened to the message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessageRecipient.Status
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessageRecipient.Status." If "tbl_BroadcastMessageRecipient.Status" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the recipient subscriber.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_BroadcastMessageRecipient.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessageRecipient.SubscriberObjectId." If "tbl_BroadcastMessageRecipient.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.21. csp_BroadcastMessageSetRead

Marks a broadcast message as read (or unread) for a subscriber.

Additional Information

The parameters @BroadcastMessageObjectId and @SubscriberObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@BroadcastMessageObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Read	In	ignore	smallint (2 bytes)	A flag indicating whether the message has been read (1) or not read (0). Defaults to read (1).

Exceptions

csp_BroadcastMessageSetRead will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@BroadcastMessageObjectId and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@BroadcastMessageObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a BroadcastMessage object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_BroadcastMessage.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_BroadcastMessage.ObjectId." If "tbl_BroadcastMessage.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Read

Property Name	Value
Description:	A flag indicating whether the message has been read (1) or not read (0). Defaults to read (1).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@SubscriberObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Required

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.22. csp_CallerGroupCreate

Creates a new caller group by executing csp_PersonalGroupCreate, which inserts a new row into tbl_PersonalGroup.

Additional Information

The parameters @DisplayName and @SubscriberObjectId must be provided.

If the @VoiceName is provided, a stream file is also created.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	Display name for this caller group.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The subscriber to which this caller group belongs.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Optional	@VoiceName	In	inherit	varchar (40 characters)	Voice file to use for this personal group (if voice name has already been recorded).

Exceptions

csp_CallerGroupCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DisplayName and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	Display name for this caller group.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.DisplayName." If "tbl_PersonalGroup.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.ObjectId." If "tbl_PersonalGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The subscriber to which this caller group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.UserObjectId

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.UserObjectId." If "tbl_PersonalGroup.UserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for this personal group (if voice name has already been recorded).
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.23. csp_CallerGroupDelete

Deletes a caller group by executing `csp_PersonalGroupDelete`, which deletes the `PersonalGroup` object from `tbl_PersonalGroup` as specified by the `@ObjectId` parameter.

Additional Information

Member mappings in `tbl_PersonalGroupMember` will automatically be deleted (SQL cascade delete). Also any member mappings where this group is the member of another group will automatically be deleted.

The Alias associated with this `PersonalGroup` will be deleted from `tbl_Alias`. Also if a stream file exists for this `PersonalGroup`, it will be deleted from `tbl_StreamFile`.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a <code>PersonalGroup</code> object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

`csp_CallerGroupDelete` will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter <code>@ObjectId</code> is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	From <code>csp_PersonalGroupDelete</code> : There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified <code>PersonalGroup</code> object was not found. The names of the object (<code>PersonalGroup</code>), table (<code>tbl_PersonalGroup</code>), and column (<code>ObjectId</code>) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (<code>tbl_PersonalGroup</code>), and the column (<code>ObjectId</code>) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.ObjectId." If "tbl_PersonalGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.24. csp_CallerGroupMemberCreate

Adds a new member (user, personal contact, or another personal group) to a caller group by executing `csp_PersonalGroupMemberCreate`, which inserts a new row into `tbl_PersonalGroupMember`.

Additional Information

The parameter `@CallerGroupObjectId` must be provided. In addition, one of the following parameters must also be provided:

- `@MemberCallGroupObjectId`
- `@MemberSubscriberObjectId`
- `@MemberContactObjectId`
- `@MemberPersonalContactObjectId`

One of the `@Member*` parameters must contain a valid member, while the remaining `@Member*` parameters contains a value of NULL.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	<code>@CallerGroupObjectId</code>	In	inherit	char (36 characters)	The unique identifier of the PersonalGroup object to which this member belongs.
Optional	<code>@AuditAlias</code>	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	<code>@AuditComponent</code>	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	<code>@MemberCallerGroupObjectId</code>	In	inherit	char (36 characters)	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in <code>tbl_PersonalGroup</code> . Otherwise, this attribute is set to NULL.
Optional	<code>@MemberContactObjectId</code>	In	inherit	char (36 characters)	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in <code>tbl_Contact</code> . Otherwise, this attribute is set to NULL.
Optional	<code>@MemberPersonalContactObjectId</code>	In	inherit	char (36 characters)	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in <code>tbl_PersonalContact</code> . Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MemberSubscriberObjectId	In	inherit	char (36 characters)	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set ot NULL.
Optional	@ObjectId	Out	inherit	char (36 characters)	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.

Exceptions

csp_CallerGroupMemberCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @CallerGroupObjectId is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallerGroupObjectId

Property Name	Value
Description:	The unique identifier of the PersonalGroup object to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.PersonalGroupObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.PersonalGroupObjectId." If "tbl_PersonalGroupMember.PersonalGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MemberCallerGroupObjectId

Property Name	Value
Description:	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberPersonalGroupId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberPersonalGroupId." If "tbl_PersonalGroupMember.MemberPersonalGroupId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberContactObjectId." If "tbl_PersonalGroupMember.MemberContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberPersonalContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set ot NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberPersonalContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberPersonalContactObjectId." If "tbl_PersonalGroupMember.MemberPersonalContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberSubscriberObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set ot NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberUserObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberUserObjectId." If "tbl_PersonalGroupMember.MemberUserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.ObjectId." If "tbl_PersonalGroupMember.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

6.25. csp_CallerGroupMemberDelete

Removes a member from a caller group by executing csp_PersonalGroupMemberDelete, which deletes a PersonalGroupMember object from tbl_PersonalGroupMember as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_CallerGroupMemberDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	From csp_PersonalGroupMemberDelete: There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalGroupMember object was not found. The names of the object (Personal group member), table (tbl_PersonalGroupMember), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalGroupMember), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.ObjectId." If "tbl_PersonalGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.26. csp_CallerGroupModify

Updates the properties of a caller group by executing `csp_PersonalGroupModify`, which updates the attributes of a `PersonalGroup` object based on the values passed in via the parameters. The `@ObjectId` parameter identifies the `PersonalGroup` object that is updated.

Additional Information

If the `@VoiceName` is provided, a check is made to determine if a stream file already exists for this `PersonalGroup`. If a stream file does exist, it is deleted, and then a new stream file is created. Otherwise a new stream file is created.

Note that this procedure does not update the `Alias` in `tbl_Alias`.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a <code>PersonalGroup</code> object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@VoiceName	In	inherit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.

Exceptions

`csp_CallerGroupModify` will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter <code>@ObjectId</code> is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalGroup object was not found. The names of the object (PersonalGroup), table (tbl_PersonalGroup), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.DisplayName." If "tbl_PersonalGroup.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.ObjectId." If "tbl_PersonalGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.27. csp_CallhandlerGetActiveGreeting

Determines the correct greeting to play based on some information about a call (internal? busy?) and schedules.

Additional Information

The parameter @ObjectId (Callhandler ID) must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Optional	@GreetingType	Out	inherit	nvarchar (12 characters)	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Optional	@IsBusy	In	explicit-withdefault	smallint (2 bytes)	Was the extension busy?
Optional	@IsInternal	In	explicit-withdefault	smallint (2 bytes)	Is this call from an internal caller?

Exceptions

csp_CallhandlerGetActiveGreeting will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameters @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	A system configuration setting was not found. The name of the setting is included in the exception message.

Parameter Properties

@GreetingType

Property Name	Value
Description:	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.GreetingType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	GreetingRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.GreetingType." If "tbl_Greeting.GreetingType" can be NULL, then explicit NULL is allowed.
Default Value:	Standard
Direction:	Out
Update Column Value From Parameter:	True

@IsBusy

Property Name	Value
Description:	Was the extension busy?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0."
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

@IsInternal

Property Name	Value
Description:	Is this call from an internal caller?
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0."
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.ObjectId." If "tbl_CallHandler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.28. csp_CallhandlerGetActiveTransferOption

Retrieve the active transfer option for a specified call handler.

Additional Information

The parameter @ObjectId (Callhandler ID) must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The unique identifier of the call handler for which the active transfer option is to be retrieved.
Optional	@TransferOptionType	Out	inherit	nvarchar (64 characters)	The active transfer option type.

Exceptions

csp_CallhandlerGetActiveTransferOption will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameters @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	A system configuration setting was not found. The name of the setting is included in the exception message.

Parameter Properties

@ObjectId

Property Name	Value
Description:	The unique identifier of the call handler for which the active transfer option is to be retrieved.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.ObjectId." If "tbl_CallHandler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TransferOptionType

Property Name	Value
Description:	The active transfer option type.
Notes:	Using the object id of the call handler and this type, the transfer option can be uniquely identified.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferOptionType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TransferRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferOptionType." If "tbl_TransferOption.TransferOptionType" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.29. csp_CallhandlerModify

Updates the attributes of a CallHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.

Additional Information

If a DtmfAccessID is passed in, csp_CallhandlerModify will update the DtmfAccessId object (executes csp_DtmfAccessIdSet). If a VoiceName is passed in, csp_CallhandlerModify will create a StreamFile object (executes csp_StreamFileModify).

If the current call handler has an recipient of one type (subscriber or distribution list) and you want to change to the opposite type, you must explicitly set the old one to NULL and specify the new one. For example, if a call handler has a subscriber recipient you must pass in NULL for the subscriber objectid as well as the object id of a distribution list in order to make the call handler have a distribution list recipient.

The client may select to inherit either the language or timezone from the location to which this call handler belongs rather than use the language or timezone specified for the callhandler. See @UseDefaultLanguage and @UseDefaultTimezone for more information.

If the Undeletable flag is set for this object in the database, it will remain set. Once an object is set to undeletable it should stay that way.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Optional	@AfterMessage_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@AfterMessage_Target Conversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@AfterMessage_Target HandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DtmfAccessId	In	explicit	nvarchar (40 characters)	The dialable number.
Optional	@EditMsg	In	inherit	smallint (2 bytes)	A flag that determines whether the caller can edit messages.
Optional	@Language	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this handler belongs.
Optional	@MaxMsgLen	In	inherit	int (4 bytes)	The maximum recording length (in seconds) for messages left by unidentified callers.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	Default switch to use for transfers.
Optional	@OneKeyDelay	In	inherit	int (4 bytes)	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Optional	@Recipient_ContactObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Optional	@Recipient_DistributionListObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Optional	@Recipient_SubscriberObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Optional	@ScheduleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SendSecureMsg	In	inherit	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "secure."
Optional	@SendUrgentMsg	In	inherit	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "urgent."
Optional	@TimeZone	In	inherit	int (4 bytes)	TimeZone this call handler is operating in.
Optional	@Undeletable	In	inherit	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseCallLanguage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the call handler inherit language from location or set @Language to the desired language.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the call handler inherit timezone from location or set @Timezone to the desired time zone.
Optional	@VoiceName	In	explicit	varchar (40 characters)	New voice file to use for this call handler.

Exceptions

csp_CallhandlerModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameters @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A CallHandler object matching the value of @ObjectId and IsTemplate = true was not found. The names of the object (call handler), parameter (@ObjectId), table (tbl_CallHandler), and column (ObjectId) are included with the exception message.

Parameter Properties

@AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.DisplayName." If "tbl_Handler.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	If the parameter @DtmfAccessId contains a value other than NULL, a DtmfAccessId object is created for this callhandler.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EditMsg

Property Name	Value
Description:	A flag that determines whether the caller can edit messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.EditMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.EditMsg." If "tbl_CallHandler.EditMsg" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Language." If "tbl_Handler.Language" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.LocationObjectId." If "tbl_Handler.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxMsgLen

Property Name	Value
Description:	The maximum recording length (in seconds) for messages left by unidentified callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.MaxMsgLen
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.MaxMsgLen." If "tbl_CallHandler.MaxMsgLen" can be NULL, then explicit NULL is allowed.
Default Value:	300
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	Default switch to use for transfers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.MediaSwitchObjectId." If "tbl_CallHandler.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.ObjectId." If "tbl_CallHandler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@OneKeyDelay

Property Name	Value
Description:	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Notes:	Setting this value to zero will disable one key input and result in all MenuEntry's for the call handler being locked.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.OneKeyDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.OneKeyDelay." If "tbl_CallHandler.OneKeyDelay" can be NULL, then explicit NULL is allowed.
Default Value:	1500
Direction:	In
Update Column Value From Parameter:	True

@Recipient_ContactObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_ContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_ContactObjectId." If "tbl_CallHandler.Recipient_ContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Recipient_DistributionListObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_DistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_DistributionListObjectId." If "tbl_CallHandler.Recipient_DistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Recipient_SubscriberObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_SubscriberObjectId." If "tbl_CallHandler.Recipient_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.ScheduleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.ScheduleSetObjectId." If "tbl_CallHandler.ScheduleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SendSecureMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "secure."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.SendSecureMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.SendSecureMsg." If "tbl_CallHandler.SendSecureMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "urgent."
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.SendUrgentMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MarkUrgent
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.SendUrgentMsg." If "tbl_CallHandler.SendUrgentMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	TimeZone this call handler is operating in.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.TimeZone." If "tbl_CallHandler.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Handler.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Undeletable." If "tbl_Handler.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.UseCallLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.UseCallLanguage." If "tbl_Handler.UseCallLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the call handler inherit language from location or set @Language to the desired language.
Notes:	See vw_Callhandler.UseDefaultLanguage for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the call handler inherit timezone from location or set @Timezone to the desired time zone.
Notes:	See vw_Callhandler.UseDefaultTimeZone for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@VoiceName

Property Name	Value
Description:	New voice file to use for this call handler.
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will remove the existing voice file and accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.30. csp_CallhandlerPrimaryTemplateModify

Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.

Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.

Additional Information

If a VoiceName is passed in, csp_CallhandlerTemplateModify will update the StreamFile object (executes csp_StreamFileModify).

If the current call handler template has an recipient of one type (subscriber or distribution list) and you want to change to the opposite type, you must explicitly set the old one to NULL and specify the new one. For example, if a call handler template has a subscriber recipient you must pass in NULL for the subscriber objectid as well as the object id of a distribution list in order to make the call handler template have a distribution list recipient.

The client may select to inherit either the language or timezone from the location to which this call handler belongs rather than use the language or timezone specified for the callhandler. See @UseDefaultLanguage and @UseDefaultTimezone for more information.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Optional	@AfterMessage_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@AfterMessage_Target Conversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@AfterMessage_Target HandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Optional	@EditMsg	In	inherit	smallint (2 bytes)	A flag that determines whether the caller can edit messages.
Optional	@Language	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this handler belongs.
Optional	@MaxMsgLen	In	inherit	int (4 bytes)	The maximum recording length (in seconds) for messages left by unidentified callers.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	Default switch to use for transfers.
Optional	@OneKeyDelay	In	inherit	int (4 bytes)	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Optional	@Recipient_ContactObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Optional	@Recipient_DistributionListObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Optional	@Recipient_SubscriberObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ScheduleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Optional	@SendSecureMsg	In	inherit	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "secure."
Optional	@SendUrgentMsg	In	inherit	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "urgent."
Optional	@TimeZone	In	inherit	int (4 bytes)	TimeZone this call handler is operating in.
Optional	@Undeletable	In	inherit	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseCallLanguage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the call handler template inherit language from location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the call handler template inherit timezone from location.
Optional	@VoiceName	In	explicit	varchar (40 characters)	New voice file to use for this call handler template.

Exceptions

csp_CallhandlerPrimaryTemplateModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A CallHandler object matching the value of @ObjectId and IsTemplate = true was not found. The names of the object (template), table (tbl_CallHandler), and column (ObjectId) are included with the exception message.

Parameter Properties

@AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.DisplayName." If "tbl_Handler.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EditMsg

Property Name	Value
Description:	A flag that determines whether the caller can edit messages.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_CallHandler.EditMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.EditMsg." If "tbl_CallHandler.EditMsg" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Language." If "tbl_Handler.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.LocationObjectId." If "tbl_Handler.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxMsgLen

Property Name	Value
Description:	The maximum recording length (in seconds) for messages left by unidentified callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.MaxMsgLen
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.MaxMsgLen." If "tbl_CallHandler.MaxMsgLen" can be NULL, then explicit NULL is allowed.
Default Value:	300
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	Default switch to use for transfers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.MediaSwitchObjectId." If "tbl_CallHandler.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.ObjectId." If "tbl_CallHandler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@OneKeyDelay

Property Name	Value
Description:	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.OneKeyDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.OneKeyDelay." If "tbl_CallHandler.OneKeyDelay" can be NULL, then explicit NULL is allowed.
Default Value:	1500

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@Recipient_ContactObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_ContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_ContactObjectId." If "tbl_CallHandler.Recipient_ContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Recipient_DistributionListObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_DistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_DistributionListObjectId." If "tbl_CallHandler.Recipient_DistributionListObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Recipient_SubscriberObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_SubscriberObjectId." If "tbl_CallHandler.Recipient_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.ScheduleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.ScheduleSetObjectId." If "tbl_CallHandler.ScheduleSetObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SendSecureMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "secure."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.SendSecureMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.SendSecureMsg." If "tbl_CallHandler.SendSecureMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "urgent."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.SendUrgentMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MarkUrgent
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.SendUrgentMsg." If "tbl_CallHandler.SendUrgentMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	TimeZone this call handler is operating in.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.TimeZone." If "tbl_CallHandler.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Undeletable." If "tbl_Handler.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.UseCallLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.UseCallLanguage." If "tbl_Handler.UseCallLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the call handler template inherit language from location.
Notes:	See vw_CallhandlerTemplate.UseDefaultLanguage for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the call handler template inherit timezone from location.
Notes:	See vw_CallhandlerTemplate.UseDefaultTimeZone for more information.
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@VoiceName

Property Name	Value
Description:	New voice file to use for this call handler template.
Notes:	A new voice name can be requested using <code>csp_AllocateVoiceFile</code> . After recording is complete, passing it in here will remove the existing voice file and accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.31. csp_CallhandlerTemplateCreate

Creates a new call handler template by inserting a new row into tbl_CallHandler. A call handler template is identical to a call handler except for one distinction --- IsTemplate column = true (1) signifies that a call handler object is a template. This procedure is used to create both primary and non-primary call handlers. csp_CallhandlerTemplateCreate sets the callhandler template attributes by using the values passed in and the default values from the specified callhandler template (optional). Note that a call handler template is optional to create a call handler template.

In addition to creating a new handler and callhandler object, this stored procedure also creates the sub collections of call action, greeting, transferoption and menuentry objects associated with this callhandler template. If a VoiceName is passed in, a new voice name for the call handler template is created (executes csp_StreamFileModify) by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.

To change the attributes for a call handler template, see csp_CallhandlerTemplateModify.

Additional Information

The parameters @DisplayName and @MediaSwitchObjectId must be provided.

This procedure calls csp_CallHandlerCreate, which actually creates the new CallHandler object in tbl_CallHandler.

Values for the recipient override is what is in the template, even if the template does not use the same object type. For example, the template specifies a distribution list recipient. If the sproc is called and uses this template, but specifies a subscriber recipient, the created call handler will have a subscriber recipient. It will not end up with two recipients defined.

The client may select to inherit either the language or timezone from the location to which this call handler belongs rather than use the language or timezone specified for the callhandler. See @UseDefaultLanguage and @UseDefaultTimezone for more information.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Required	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch to use when transferring calls.
Optional	@AfterMessage_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@AfterMessage_Target Conversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AfterMessage_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@EditMsg	In	inherit	smallint (2 bytes)	A flag that determines whether the caller can edit messages.
Optional	@IsPrimary	In	inherit	smallint (2 bytes)	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.
Optional	@Language	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this handler belongs.
Optional	@MaxMsgLen	In	inherit	int (4 bytes)	The maximum recording length (in seconds) for messages left by unidentified callers.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Optional	@OneKeyDelay	In	inherit	int (4 bytes)	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Optional	@Recipient_ContactObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Optional	@Recipient_DistributionListObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Recipient_Subscriber ObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Optional	@ScheduleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Optional	@SendSecureMsg	In	inherit	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "secure."
Optional	@SendUrgentMsg	In	inherit	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "urgent."
Optional	@TemplateObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Optional	@TimeZone	In	inherit	int (4 bytes)	TimeZone this call handler is operating in.
Optional	@Undeleteable	In	inherit	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseCallLanguage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the call handler template inherit language from location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the call handler template inherit timezone from location.
Optional	@VoiceName	In	ignore	varchar (40 characters)	Voice file to use for this call handler template (if voice name has already been recorded).

Exceptions

csp_CallhandlerTemplateCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DisplayName and @MediaSwitchObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.DisplayName." If "tbl_Handler.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EditMsg

Property Name	Value
Description:	A flag that determines whether the caller can edit messages.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.EditMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.EditMsg." If "tbl_CallHandler.EditMsg" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@IsPrimary

Property Name	Value
Description:	A flag indicating whether this is a "primary" call handler for a subscriber, or an "application" call handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.IsPrimary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.IsPrimary." If "tbl_CallHandler.IsPrimary" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Handler.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Language." If "tbl_Handler.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.LocationObjectId." If "tbl_Handler.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxMsgLen

Property Name	Value
Description:	The maximum recording length (in seconds) for messages left by unidentified callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.MaxMsgLen
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.MaxMsgLen." If "tbl_CallHandler.MaxMsgLen" can be NULL, then explicit NULL is allowed.
Default Value:	300
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch to use when transferring calls.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.ObjectId." If "tbl_MediaSwitch.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.ObjectId." If "tbl_Handler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@OneKeyDelay

Property Name	Value
Description:	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.OneKeyDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.OneKeyDelay." If "tbl_CallHandler.OneKeyDelay" can be NULL, then explicit NULL is allowed.
Default Value:	1500
Direction:	In
Update Column Value From Parameter:	True

@Recipient_ContactObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_ContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_ContactObjectId." If "tbl_CallHandler.Recipient_ContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Recipient_DistributionListObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_DistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_DistributionListObjectId." If "tbl_CallHandler.Recipient_DistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Recipient_SubscriberObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_SubscriberObjectId." If "tbl_CallHandler.Recipient_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.ScheduleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.ScheduleSetObjectId." If "tbl_CallHandler.ScheduleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SendSecureMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "secure."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.SendSecureMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.SendSecureMsg." If "tbl_CallHandler.SendSecureMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "urgent."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.SendUrgentMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MarkUrgent
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.SendUrgentMsg." If "tbl_CallHandler.SendUrgentMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TemplateObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	Specify the template for this template by providing the @TemplateObjectId parameter.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.ObjectId." If "tbl_Handler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	TimeZone this call handler is operating in.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.TimeZone." If "tbl_CallHandler.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Undeletable." If "tbl_Handler.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.UseCallLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.UseCallLanguage." If "tbl_Handler.UseCallLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the call handler template inherit language from location.
Notes:	See vw_CallhandlerTemplate.UseDefaultLanguage for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the call handler template inherit timezone from location.
Notes:	See vw_CallhandlerTemplate.UseDefaultTimeZone for more information.

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@VoiceName

Property Name	Value
Description:	Voice file to use for this call handler template (if voice name has already been recorded).
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.32. csp_CallhandlerTemplateDelete

Deletes a CallHandler template object from tbl_CallHandler as specified by the @ObjectId parameter.

Additional Information

This procedure calls csp_CallHandlerDelete, which actually deletes the CallHandler object in tbl_CallHandler.

This procedure also deletes several objects related to a CallHandler template object:

- * Handler (tbl_Handler)
- * CallActions (tbl_CallAction)
- * VoiceName (tbl_StreamFile.FileName)

A check is made on the undeletable attribute. If it is set, the procedure will not allow the deletion of the call handler template.

Greetings (tbl_Greeting), transfer options (tbl_TransferOption), and menu entries (tbl_MenuEntry) associated with the call handler template are automatically deleted by SQL via the FK cascade delete.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_CallhandlerTemplateDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A CallHandler object matching the value of @ObjectId and IsTemplate = true was not found. The names of the object (template), table (tbl_CallHandler), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.ObjectId." If "tbl_Handler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.33. csp_CallhandlerTemplateModify

Updates the attributes of a CallHandler template object based on the values passed in via the parameters. The @ObjectId parameter identifies the CallHandler object that is updated. This procedure is used for both primary and non-primary call handlers.

Note that a call handler template cannot be changed into a standard call handler object via the csp_CallhandlerTemplateModify stored procedure.

Additional Information

If a VoiceName is passed in, csp_CallhandlerTemplateModify will update the StreamFile object (executes csp_StreamFileModify).

If the current call handler template has an recipient of one type (subscriber or distribution list) and you want to change to the opposite type, you must explicitly set the old one to NULL and specify the new one. For example, if a call handler template has a subscriber recipient you must pass in NULL for the subscriber objectid as well as the object id of a distribution list in order to make the call handler template have a distribution list recipient.

The client may select to inherit either the language or timezone from the location to which this call handler belongs rather than use the language or timezone specified for the callhandler. See @UseDefaultLanguage and @UseDefaultTimezone for more information.

If the Undeletable flag is set for this object in the database, it will remain set. Once an object is set to undeletable it should stay that way.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Optional	@AfterMessage_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@AfterMessage_Target Conversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@AfterMessage_Target HandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Optional	@EditMsg	In	inherit	smallint (2 bytes)	A flag that determines whether the caller can edit messages.
Optional	@Language	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this handler belongs.
Optional	@MaxMsgLen	In	inherit	int (4 bytes)	The maximum recording length (in seconds) for messages left by unidentified callers.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	Default switch to use for transfers.
Optional	@OneKeyDelay	In	inherit	int (4 bytes)	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Optional	@Recipient_ContactObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Optional	@Recipient_DistributionListObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Optional	@Recipient_SubscriberObjectId	In	inherit	char (36 characters)	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ScheduleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Optional	@SendSecureMsg	In	inherit	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "secure."
Optional	@SendUrgentMsg	In	inherit	smallint (2 bytes)	A flag indicating whether an unidentified caller can mark a message as "urgent."
Optional	@TimeZone	In	inherit	int (4 bytes)	TimeZone this call handler is operating in.
Optional	@Undeleteable	In	inherit	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseCallLanguage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the call handler template inherit language from location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the call handler template inherit timezone from location.
Optional	@VoiceName	In	explicit	varchar (40 characters)	New voice file to use for this call handler template.

Exceptions

csp_CallhandlerTemplateModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A CallHandler object matching the value of @ObjectId and IsTemplate = true was not found. The names of the object (template), table (tbl_CallHandler), and column (ObjectId) are included with the exception message.

Parameter Properties

@AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.DisplayName." If "tbl_Handler.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EditMsg

Property Name	Value
Description:	A flag that determines whether the caller can edit messages.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_CallHandler.EditMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.EditMsg." If "tbl_CallHandler.EditMsg" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Language." If "tbl_Handler.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.LocationObjectID." If "tbl_Handler.LocationObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxMsgLen

Property Name	Value
Description:	The maximum recording length (in seconds) for messages left by unidentified callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.MaxMsgLen
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.MaxMsgLen." If "tbl_CallHandler.MaxMsgLen" can be NULL, then explicit NULL is allowed.
Default Value:	300
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectID

Property Name	Value
Description:	Default switch to use for transfers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.MediaSwitchObjectID
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.MediaSwitchObjectID." If "tbl_CallHandler.MediaSwitchObjectID" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CallHandler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.ObjectId." If "tbl_CallHandler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@OneKeyDelay

Property Name	Value
Description:	The amount of time (in milliseconds) that Cisco Unity Connection waits for additional input after callers press a single key that is not locked. If there is no input within this time, Cisco Unity Connection performs the action assigned to the single key.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.OneKeyDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.OneKeyDelay." If "tbl_CallHandler.OneKeyDelay" can be NULL, then explicit NULL is allowed.
Default Value:	1500

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@Recipient_ContactObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a contact, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_ContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_ContactObjectId." If "tbl_CallHandler.Recipient_ContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Recipient_DistributionListObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a distribution list, the unique identifier of the DistributionList object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_DistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_DistributionListObjectId." If "tbl_CallHandler.Recipient_DistributionListObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Recipient_SubscriberObjectId

Property Name	Value
Description:	The recipient for this call handler. If the recipient is a subscriber, the unique identifier of the Subscriber object where the recorded message of a call handler should be routed. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.Recipient_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.Recipient_SubscriberObjectId." If "tbl_CallHandler.Recipient_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the schedule set Cisco Unity Connection will use for making standard versus off hours decisions within this call handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.ScheduleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.ScheduleSetObjectId." If "tbl_CallHandler.ScheduleSetObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SendSecureMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "secure."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.SendSecureMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.SendSecureMsg." If "tbl_CallHandler.SendSecureMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller can mark a message as "urgent."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.SendUrgentMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MarkUrgent
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.SendUrgentMsg." If "tbl_CallHandler.SendUrgentMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	TimeZone this call handler is operating in.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallHandler.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CallHandler.TimeZone." If "tbl_CallHandler.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Undeletable." If "tbl_Handler.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.UseCallLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.UseCallLanguage." If "tbl_Handler.UseCallLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the call handler template inherit language from location.
Notes:	See vw_CallhandlerTemplate.UseDefaultLanguage for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the call handler template inherit timezone from location.
Notes:	See vw_CallhandlerTemplate.UseDefaultTimeZone for more information.
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@VoiceName

Property Name	Value
Description:	New voice file to use for this call handler template.
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will remove the existing voice file and accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.34. csp_CheckAccessToResource

Determines what access a user has to the specified resource. Retrieves the value of all *Access columns for the specified instance of a User object.

Additional Information

The parameter @UserObjectId must be provided.

Typically the target is the VMS, but the target can be a specific user, handler, distribution list or CVM agency.

This procedure does not check what type of privilege, just that there is one, mainly for those cases where it does not matter.

See the custom type ResourceType for a list of valid resource types.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@UserObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CreateAccess	Out	ignore	smallint (2 bytes)	Authorization to create a new instance of an object.
Optional	@DeleteAccess	Out	ignore	smallint (2 bytes)	Authorization to delete an object.
Optional	@ExecuteAccess	Out	ignore	smallint (2 bytes)	Authorization to execute (i.e. run) an application.
Optional	@ReadAccess	Out	ignore	smallint (2 bytes)	Authorization to read (i.e., view) an object and its attributes.
Optional	@ResourceType	In	ignore	int (4 bytes)	The type of resource.
Optional	@TargetAgencyObjectId	In	inherit	char (36 characters)	The unique identifier of the Agency object to which this policy applies.
Optional	@TargetDistributionListObjectId	In	inherit	char (36 characters)	The unique identifier of the DistributionList object to which this policy applies.
Optional	@TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the Handler object to which this policy applies.
Optional	@TargetUserObjectId	In	inherit	char (36 characters)	The unique identifier of the user object to which this policy applies.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TargetVmsObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this policy applies.
Optional	@UpdateAccess	Out	ignore	smallint (2 bytes)	Authorization to change the attribute(s) of an object.
Optional	@VmsObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this policy applies.

Exceptions

csp_CheckAccessToResource will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @UserObjectId is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CreateAccess

Property Name	Value
Description:	Authorization to create a new instance of an object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@DeleteAccess

Property Name	Value
Description:	Authorization to delete an object.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ExecuteAccess

Property Name	Value
Description:	Authorization to execute (i.e. run) an application.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ReadAccess

Property Name	Value
Description:	Authorization to read (i.e., view) an object and its attributes.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ResourceType

Property Name	Value
Description:	The type of resource.
Notes:	See custom type "Resource Type" for a list of valid types.
Business Rules:	
Developer Notes:	The list of Resource Types is derived from the Default Privileges for Default Administrative Roles as specified in Table 6.1 of the Cisco Unity Connection Kubrick Topology Admin FRD.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	ResourceType
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

@TargetAgencyObjectId

Property Name	Value
Description:	The unique identifier of the Agency object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetAgencyObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetAgencyObjectId." If "tbl_Policy.TargetAgencyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetDistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetDistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetDistributionListObjectId." If "tbl_Policy.TargetDistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the Handler object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetHandlerObjectId." If "tbl_Policy.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetUserObjectId

Property Name	Value
Description:	The unique identifier of the user object to which this policy applies.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetUserObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetUserObjectId." If "tbl_Policy.TargetUserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetVmsObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetVmsObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetVmsObjectId." If "tbl_Policy.TargetVmsObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@UpdateAccess

Property Name	Value
Description:	Authorization to change the attribute(s) of an object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@UserObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@VmsObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	Unless the privilege is for a single specific object (@TargetObjectId contains GUID of default value), the VMSLocation that is set to primary will be the target object.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetVmsObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetVmsObjectId." If "tbl_Policy.TargetVmsObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	False

6.35. csp_CheckPersonalGroupMembership

Retrieves membership status to a personal group for an object (i.e., Contact, PersonalContact, User, or DistributionList).

Additional Information

The parameters @MemberObjectId and @PersonalGroupObjectId must be provided.

This procedure checks to see if the passed-in ObjectIds actually belong to valid personal contacts, contacts, distribution lists, etc because we don't know the object type and each of these objects live in different places. We would end up doing lots and lots of queries and the whole purpose of this procedure was to minimize queries performed by the personal call routing rules functionality. The proc is being called by one client and they should know what they are doing.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MemberObjectId	In	ignore	char (36 characters)	The unique identifier of the object (i.e., Contact, PersonalContact, User, or DistributionList) for which membership status in a personal group is requested.
Required	@PersonalGroupObjectId	In	ignore	char (36 characters)	The unique identifier of the PersonalGroup for which membership status is requested.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsMember	Out	ignore	smallint (2 bytes)	A flag indicating whether the object specified by @MemberObjectId is a member of the group specified by @PersonalGroupObjectId.

Exceptions

csp_CheckPersonalGroupMembership will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@MemberObjectId and @PersonalGroupObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsMember

Property Name	Value
Description:	A flag indicating whether the object specified by @MemberObjectId is a member of the group specified by @PersonalGroupObjectId.
Notes:	Values: 0: @MemberObjectId is not a member of the personal group 1: @MemberObjectId is a member of the personal group
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@MemberObjectId

Property Name	Value
Description:	The unique identifier of the object (i.e., Contact, PersonalContact, User, or DistributionList) for which membership status in a personal group is requested.
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@PersonalGroupObjectId

Property Name	Value
Description:	The unique identifier of the PersonalGroup for which membership status is requested.
Notes:	An ObjectId is generated using newid().

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.36. csp_ConfigurationModify

Updates the attributes of a specified instance of a Configuration node based on the values passed in via the parameters.

Additional Information

Used by clients to modify the value of a node. The value of the node is passed in as a string. It is converted to the appropriate data type for the Value type column (e.g., ValueBool, ValueDate, etc.) and the respective Value type column is updated. It's important to note that stored procedures are also provided for the purpose of modifying a the value of a configuration node whose data type is known by the client. Refer to the following stored procedures: csp_ConfigurationModifyBool, csp_ConfigurationModifyDate, csp_ConfigurationModifyFloat, csp_ConfigurationModifyGuid, csp_ConfigurationModifyLong and csp_ConfigurationModifyString.

One of the following combinations of parameters must be passed in to locate the target node: a) FullName, b) Node ID (ObjectId), c) NodeName and ParentFullName, or d) Name and ParentId.

When modifying the value of a node using this stored procedure, the stored procedure will automatically validate the new value against metadata stored in another table. The modification operation will not be allowed if the validation fails.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FullName	In	ignore	lvarchar (512 characters)	The fully qualified name for the node - which is basically a concatenation of the NodeFullName of its parent and its NodeName.
Optional	@MaxVal	In	inherit	int (4 bytes)	For integer values, the maximum allowed value.
Optional	@MinVal	In	inherit	int (4 bytes)	For integer values, the minimum allowed value.
Optional	@Name	In	inherit	lvarchar (256 characters)	The text name of the node.
Optional	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Optional	@ParentFullName	In	ignore	lvarchar (512 characters)	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Optional	@ParentId	In	inherit	char (36 characters)	The unique identifier of the node parent.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@RegexValidation	In	inherit	nvarchar (64 characters)	For string values, a regular expression string used to validate the string value.
Optional	@RequiresRestart	In	inherit	smallint (2 bytes)	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Optional	@UserSetting	In	inherit	smallint (2 bytes)	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Optional	@Value	In	ignore	lvarchar (512 characters)	Value of configuration node.
Optional	@ValueBool	In	inherit	smallint (2 bytes)	The value of the node if the node is of type bool.
Optional	@ValueDate	In	inherit	datetime (8 bytes)	The value of the node if the node is of type datetime.
Optional	@ValueFloat	In	inherit	float (8 bytes)	The value of the node if the node is of type float.
Optional	@ValueGuid	In	inherit	char (36 characters)	The value of the node if the node is of type ObjectId
Optional	@ValueLong	In	inherit	int (4 bytes)	The value of the node if the node is of type long.
Optional	@ValueString	In	inherit	lvarchar (512 characters)	The value of the node if the node is of type string.

Exceptions

csp_ConfigurationModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Value is NULL.
1004	EXCEPTION_OBJECT_NOTFOUND	The node was not found for the object "Configuration node" in table "vw_Configuration."
1140	EXCEPTION_VALUE_MIN	The value specified is below the minimum allowable value for this attribute. The specified value and the minimum allowable value are included in the message.
1141	EXCEPTION_VALUE_MAX	The value specified exceeds the maximum allowable value for this attribute. The specified value and the maximum allowable value are included in the message.
1142	EXCEPTION_VALUE_REGEX	The data in the specified string is invalid according to the validation criteria defined for this attribute.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@FullName

Property Name	Value
Description:	The fully qualified name for the node - which is basically a concatenation of the NodeFullName of its parent and its NodeName.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (512 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MaxVal

Property Name	Value
Description:	For integer values, the maximum allowed value.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.MaxVal
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.MaxVal." If "tbl_Configuration.MaxVal" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MinVal

Property Name	Value
Description:	For integer values, the minimum allowed value.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Configuration.MinVal
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.MinVal." If "tbl_Configuration.MinVal" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	ConfigurationName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Name." If "tbl_Configuration.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ObjectId." If "tbl_Configuration.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ParentFullName

Property Name	Value
Description:	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (512 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ParentId

Property Name	Value
Description:	The unique identifier of the node parent.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ParentId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ParentId." If "tbl_Configuration.ParentId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@RegexValidation

Property Name	Value
Description:	For string values, a regular expression string used to validate the string value.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.RegexValidation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.RegexValidation." If "tbl_Configuration.RegexValidation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@RequiresRestart

Property Name	Value
Description:	A flag indicating whether or not CUC will need to be restarted if this setting is changed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.RequiresRestart
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.RequiresRestart." If "tbl_Configuration.RequiresRestart" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UserSetting

Property Name	Value
Description:	A flag indicating whether this Configuration object is accessible to an end user (administrator). Some settings are essentially internal, and not meant to be configured by end users.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.UserSetting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.UserSetting." If "tbl_Configuration.UserSetting" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Value

Property Name	Value
Description:	Value of configuration node.
Notes:	In string format. This will be converted to the appropriate value type by this stored procedure.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (512 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ValueBool

Property Name	Value
Description:	The value of the node if the node is of type bool.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueBool
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueBool." If "tbl_Configuration.ValueBool" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ValueDate

Property Name	Value
Description:	The value of the node if the node is of type datetime.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueDate." If "tbl_Configuration.ValueDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ValueFloat

Property Name	Value
Description:	The value of the node if the node is of type float.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueFloat

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	float (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueFloat." If "tbl_Configuration.ValueFloat" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ValueGuid

Property Name	Value
Description:	The value of the node if the node is of type ObjectID
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueGuid
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueGuid." If "tbl_Configuration.ValueGuid" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ValueLong

Property Name	Value
Description:	The value of the node if the node is of type long.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueLong
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueLong." If "tbl_Configuration.ValueLong" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ValueString

Property Name	Value
Description:	The value of the node if the node is of type string.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueString
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (512 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueString." If "tbl_Configuration.ValueString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.37. csp_ConfigurationModifyBool

Modifies the value of a configuration node whose data type is Custom Type "bool." (Actually a SQL data type of small int, but recognized by Cisco Unity Connection as a Bool.)

Additional Information

Used by clients to modify the value of a configuration node by passing a value in the form of a Custom Type "bool." See also "csp_ConfigurationModify."

One of the following combinations of parameters must be passed in to locate the target node: a) FullName, b) Node ID (ObjectId), c) Name and ParentFullName, or d) Name and ParentId.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Value	In	inherit	smallint (2 bytes)	The value of the node if the node is of type bool.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FullName	In	inherit	lvarchar (380 characters)	The fully qualified name of the node.
Optional	@Name	In	inherit	lvarchar (256 characters)	The text name of the node.
Optional	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Optional	@ParentFullName	In	ignore	lvarchar (380 characters)	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Optional	@ParentId	In	inherit	char (36 characters)	The unique identifier of the node parent.

Exceptions

csp_ConfigurationModifyBool will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Value is NULL.
1004	EXCEPTION_OBJECT_NOTFOUND	The node was not found for the object "Configuration node" in table "vw_Configuration."

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.FullName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.FullName." If "tbl_Configuration.FullName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	ConfigurationName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Name." If "tbl_Configuration.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Objectld

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ObjectId." If "tbl_Configuration.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ParentFullName

Property Name	Value
Description:	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ParentId

Property Name	Value
Description:	The unique identifier of the node parent.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ParentId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ParentId." If "tbl_Configuration.ParentId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Value

Property Name	Value
Description:	The value of the node if the node is of type bool.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueBool
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueBool." If "tbl_Configuration.ValueBool" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.38. csp_ConfigurationModifyDate

Modifies the value of a configuration node whose data type is "datetime."

Additional Information

Used by clients to modify the value of a configuration node by passing a value in the form of "datetime." See also "csp_ConfigurationModify."

One of the following combinations of parameters must be passed in to locate the target node: a) FullName, b) Node ID (ObjectId), c) Name and ParentFullName, or d) Name and ParentId.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Value	In	inherit	datetime (8 bytes)	The value of the node if the node is of type datetime.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FullName	In	inherit	lvarchar (380 characters)	The fully qualified name of the node.
Optional	@Name	In	inherit	lvarchar (256 characters)	The text name of the node.
Optional	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Optional	@ParentFullName	In	ignore	lvarchar (380 characters)	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Optional	@ParentId	In	inherit	char (36 characters)	The unique identifier of the node parent.

Exceptions

csp_ConfigurationModifyDate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Value is NULL.
1004	EXCEPTION_OBJECT_NOTFOUND	The node was not found for the object "Configuration node" in table "vw_Configuration."

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.FullName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.FullName." If "tbl_Configuration.FullName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	ConfigurationName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Name." If "tbl_Configuration.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ObjectId." If "tbl_Configuration.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ParentFullName

Property Name	Value
Description:	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ParentId

Property Name	Value
Description:	The unique identifier of the node parent.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ParentId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ParentId." If "tbl_Configuration.ParentId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Value

Property Name	Value
Description:	The value of the node if the node is of type datetime.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueDate
Required/Optional Parameter:	Required
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueDate." If "tbl_Configuration.ValueDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.39. csp_ConfigurationModifyFloat

Modifies the value of a configuration node whose data type is "float."

Additional Information

Used by clients to modify the value of a configuration node by passing a value in the form of "float." See also "csp_ConfigurationModify."

One of the following combinations of parameters must be passed in to locate the target node: a) FullName, b) Node ID (ObjectId), c) Name and ParentFullName, or d) Name and ParentId.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Value	In	inherit	float (8 bytes)	The value of the node if the node is of type float.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FullName	In	inherit	lvarchar (380 characters)	The fully qualified name of the node.
Optional	@Name	In	inherit	lvarchar (256 characters)	The text name of the node.
Optional	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Optional	@ParentFullName	In	ignore	lvarchar (380 characters)	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Optional	@ParentId	In	inherit	char (36 characters)	The unique identifier of the node parent.

Exceptions

csp_ConfigurationModifyFloat will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Value is NULL.
1004	EXCEPTION_OBJECT_NOTFOUND	The node was not found for the object "Configuration node" in table "vw_Configuration."

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.FullName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.FullName." If "tbl_Configuration.FullName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	ConfigurationName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Name." If "tbl_Configuration.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Objectld

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ObjectId." If "tbl_Configuration.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ParentFullName

Property Name	Value
Description:	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ParentId

Property Name	Value
Description:	The unique identifier of the node parent.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ParentId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ParentId." If "tbl_Configuration.ParentId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Value

Property Name	Value
Description:	The value of the node if the node is of type float.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueFloat
Required/Optional Parameter:	Required
SQL Data Type/Length:	float (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueFloat." If "tbl_Configuration.ValueFloat" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.40. csp_ConfigurationModifyGuid

Modifies the value of a configuration node whose data type is "uniqueidentifier."

Additional Information

Used by clients to modify the value of a configuration node by passing a value in the form of "uniqueidentifier." See also "csp_ConfigurationModify."

One of the following combinations of parameters must be passed in to locate the target node: a) FullName, b) Node ID (ObjectId), c) Name and ParentFullName, or d) Name and ParentId.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Value	In	inherit	char (36 characters)	The value of the node if the node is of type ObjectId
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FullName	In	inherit	lvarchar (380 characters)	The fully qualified name of the node.
Optional	@Name	In	inherit	lvarchar (256 characters)	The text name of the node.
Optional	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Optional	@ParentFullName	In	ignore	lvarchar (380 characters)	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Optional	@ParentId	In	inherit	char (36 characters)	The unique identifier of the node parent.

Exceptions

csp_ConfigurationModifyGuid will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Value is NULL.
1004	EXCEPTION_OBJECT_NOTFOUND	The node was not found for the object "Configuration node" in table "vw_Configuration."

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.FullName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.FullName." If "tbl_Configuration.FullName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	ConfigurationName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Name." If "tbl_Configuration.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ObjectId." If "tbl_Configuration.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ParentFullName

Property Name	Value
Description:	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ParentId

Property Name	Value
Description:	The unique identifier of the node parent.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ParentId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ParentId." If "tbl_Configuration.ParentId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Value

Property Name	Value
Description:	The value of the node if the node is of type ObjectID
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueGuid
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueGuid." If "tbl_Configuration.ValueGuid" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.41. csp_ConfigurationModifyLong

Modifies the value of a configuration node whose data type is "long."

Additional Information

Used by clients to modify the value of a configuration node by passing a value in the form of an "int." See also "csp_ConfigurationModify."

One of the following combinations of parameters must be passed in to locate the target node: a) FullName, b) Node ID (ObjectId), c) Name and ParentFullName, or d) Name and ParentId.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Value	In	inherit	int (4 bytes)	The value of the node if the node is of type long.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FullName	In	inherit	lvarchar (380 characters)	The fully qualified name of the node.
Optional	@Name	In	inherit	lvarchar (256 characters)	The text name of the node.
Optional	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Optional	@ParentFullName	In	ignore	lvarchar (380 characters)	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Optional	@ParentId	In	inherit	char (36 characters)	The unique identifier of the node parent.

Exceptions

csp_ConfigurationModifyLong will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Value is NULL.
1004	EXCEPTION_OBJECT_NOTFOUND	The node was not found for the object "Configuration node" in table "vw_Configuration."

Error #	Name	Description
1140	EXCEPTION_VALUE_MIN	The value specified is below the minimum allowable value for this attribute. The specified value and the minimum allowable value are included in the message.
1141	EXCEPTION_VALUE_MAX	The value specified exceeds the maximum allowable value for this attribute. The specified value and the maximum allowable value are included in the message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.FullName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.FullName." If "tbl_Configuration.FullName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	ConfigurationName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Name." If "tbl_Configuration.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ObjectId." If "tbl_Configuration.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ParentFullName

Property Name	Value
Description:	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ParentId

Property Name	Value
Description:	The unique identifier of the node parent.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ParentId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ParentId." If "tbl_Configuration.ParentId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Value

Property Name	Value
Description:	The value of the node if the node is of type long.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueLong
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueLong." If "tbl_Configuration.ValueLong" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.42. csp_ConfigurationModifyString

Modifies the value of a configuration node whose data type is "string."

Additional Information

Used by clients to modify the value of a configuration node by passing a value in the form of a "string." See also "csp_ConfigurationModify."

One of the following combinations of parameters must be passed in to locate the target node: a) FullName, b) Node ID (ObjectId), c) Name and ParentFullName, or d) Name and ParentId.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Value	In	inherit	lvarchar (512 characters)	The value of the node if the node is of type string.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FullName	In	inherit	lvarchar (380 characters)	The fully qualified name of the node.
Optional	@Name	In	inherit	lvarchar (256 characters)	The text name of the node.
Optional	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Optional	@ParentFullName	In	ignore	lvarchar (380 characters)	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Optional	@ParentId	In	inherit	char (36 characters)	The unique identifier of the node parent.

Exceptions

csp_ConfigurationModifyString will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Value is NULL.
1004	EXCEPTION_OBJECT_NOTFOUND	The node was not found for the object "Configuration node" in table "vw_Configuration."

Error #	Name	Description
1142	EXCEPTION_VALUE_REGEX	The data in the specified string is invalid according to the validation criteria defined for this attribute.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.FullName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.FullName." If "tbl_Configuration.FullName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (256 characters)
Custom Type:	ConfigurationName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Name." If "tbl_Configuration.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ObjectId." If "tbl_Configuration.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ParentFullName

Property Name	Value
Description:	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ParentId

Property Name	Value
Description:	The unique identifier of the node parent.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ParentId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ParentId." If "tbl_Configuration.ParentId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Value

Property Name	Value
Description:	The value of the node if the node is of type string.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueString
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (512 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueString." If "tbl_Configuration.ValueString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.43. csp_ConfigurationRetrieve

Retrieves information about an existing configuration node.

Additional Information

Requires one of the following combinations of parameters to be passed in: a) FullName, b) Node ID (ObjectId) , c) Name and ParentFullName, or d) Name and ParentId. As such none of the parameters for this stored procedure are flagged as "Required" in the data dictionary.

Returns the following data for an existing configuration node:

- * ID of the node
- * The node's value
- * The data type of the node's value
- * Whether the node is a parent (node has children)
- * The name of the component that last changed this node
- * The date and time of the last modification

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FullName	In	inherit	lvarchar (380 characters)	The fully qualified name of the node.
Optional	@Id	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Optional	@Name	In	inherit	lvarchar (256 characters)	The text name of the node.
Optional	@out_HasChildNodes	Out	ignore	smallint (2 bytes)	Indicates whether the node is a parent (i.e., this node has children).
Optional	@out_Id	Out	inherit	char (36 characters)	The ID of the node.
Optional	@out_LastModifiedByComponent	Out	inherit	lvarchar (256 characters)	The name of the component that last modified this node.
Optional	@out_LastModifiedTime	Out	inherit	datetime (8 bytes)	The date and time of the last modification.
Optional	@out_Type	Out	inherit	int (4 bytes)	Indicates the data type of the node value.
Optional	@out_Value	Out	ignore	lvarchar (512 characters)	Value of the node (represented in a string).

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ParentFullName	In	ignore	lvARCHAR (512 characters)	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Optional	@ParentId	In	inherit	char (36 characters)	The unique identifier of the node parent.
Optional	@ValueBool	Out	inherit	smallint (2 bytes)	The value of the node if the node is of type bool.
Optional	@ValueDate	Out	inherit	datetime (8 bytes)	The value of the node if the node is of type datetime.
Optional	@ValueFloat	Out	inherit	float (8 bytes)	The value of the node if the node is of type float.
Optional	@ValueGuid	Out	inherit	char (36 characters)	The value of the node if the node is of type ObjectId
Optional	@ValueLong	Out	inherit	int (4 bytes)	The value of the node if the node is of type long.
Optional	@ValueString	Out	inherit	lvARCHAR (512 characters)	The value of the node if the node is of type string.

Exceptions

csp_ConfigurationRetrieve will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The node was not found for the object "Configuration node" in table "vw_Configuration."

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.FullName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.FullName." If "tbl_Configuration.FullName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Id

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ObjectId." If "tbl_Configuration.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (256 characters)
Custom Type:	ConfigurationName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Name." If "tbl_Configuration.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@out_HasChildNodes

Property Name	Value
Description:	Indicates whether the node is a parent (i.e., this node has children).

Property Name	Value
Notes:	Values: 0: Node is not a parent (no children exist) 1: Node is a parent (children exist)
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@out_Id

Property Name	Value
Description:	The ID of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ObjectId." If "tbl_Configuration.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@out_LastModifiedByComponent

Property Name	Value
Description:	The name of the component that last modified this node.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Configuration.LastModifiedByComponent
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	ComponentName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.LastModifiedByComponent." If "tbl_Configuration.LastModifiedByComponent" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	Out
Update Column Value From Parameter:	True

@out_LastModifiedTime

Property Name	Value
Description:	The date and time of the last modification.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.LastModifiedTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.LastModifiedTime." If "tbl_Configuration.LastModifiedTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	Out
Update Column Value From Parameter:	True

@out_Type

Property Name	Value
Description:	Indicates the data type of the node value.
Notes:	Possible node data types are bool, datetime, float, long, string, and null.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Type
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Custom Type:	ConfigurationNodeType
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Type." If "tbl_Configuration.Type" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	Out
Update Column Value From Parameter:	True

@out_Value

Property Name	Value
Description:	Value of the node (represented in a string).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (512 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ParentFullName

Property Name	Value
Description:	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (512 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@ParentId

Property Name	Value
Description:	The unique identifier of the node parent.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ParentId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ParentId." If "tbl_Configuration.ParentId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ValueBool

Property Name	Value
Description:	The value of the node if the node is of type bool.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueBool
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueBool." If "tbl_Configuration.ValueBool" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	Out
Update Column Value From Parameter:	True

@ValueDate

Property Name	Value
Description:	The value of the node if the node is of type datetime.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueDate." If "tbl_Configuration.ValueDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	Out
Update Column Value From Parameter:	True

@ValueFloat

Property Name	Value
Description:	The value of the node if the node is of type float.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueFloat
Required/Optional Parameter:	Optional
SQL Data Type/Length:	float (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueFloat." If "tbl_Configuration.ValueFloat" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	Out
Update Column Value From Parameter:	True

@ValueGuid

Property Name	Value
Description:	The value of the node if the node is of type ObjectID
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueGuid
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueGuid." If "tbl_Configuration.ValueGuid" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	Out
Update Column Value From Parameter:	True

@ValueLong

Property Name	Value
Description:	The value of the node if the node is of type long.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueLong
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueLong." If "tbl_Configuration.ValueLong" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	Out
Update Column Value From Parameter:	True

@ValueString

Property Name	Value
Description:	The value of the node if the node is of type string.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ValueString
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	lvvarchar (512 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ValueString." If "tbl_Configuration.ValueString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	Out
Update Column Value From Parameter:	True

6.44. csp_ConfigurationRetrieveType

Returns the configuration node type, e.g., 4 (= "Float" type).

Additional Information

Requires one of the following combinations of parameters to be passed in: a) FullName, b) Node ID (ObjectId) , c) Name and ParentFullName, or d) Name and ParentId.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FullName	In	inherit	lvarchar (380 characters)	The fully qualified name of the node.
Optional	@Name	In	inherit	lvarchar (256 characters)	The text name of the node.
Optional	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Optional	@ParentFullName	In	ignore	lvarchar (380 characters)	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Optional	@ParentId	In	inherit	char (36 characters)	The unique identifier of the node parent.
Optional	@Type	Out	inherit	int (4 bytes)	The data type of the node value.

Exceptions

csp_ConfigurationRetrieveType will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The node was not found for the object "Configuration node" in table "vw_Configuration."

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@FullName

Property Name	Value
Description:	The fully qualified name of the node.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.FullName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.FullName." If "tbl_Configuration.FullName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name of the node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	ConfigurationName
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Name." If "tbl_Configuration.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Configuration node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ObjectId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ObjectId." If "tbl_Configuration.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ParentFullName

Property Name	Value
Description:	The fully qualified text name (e.g., "System.Notifier.Database.Server") of the parent node.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ParentId

Property Name	Value
Description:	The unique identifier of the node parent.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.ParentId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.ParentId." If "tbl_Configuration.ParentId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Type

Property Name	Value
Description:	The data type of the node value.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Configuration.Type
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	ConfigurationNodeType
Null Handling:	Inherit - inherit parameter value from "tbl_Configuration.Type." If "tbl_Configuration.Type" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	Out
Update Column Value From Parameter:	True

6.45. csp_ConfigurationValueModify

Modify a configuration value based on full name and string version of the value.

Additional Information

This is a simplified version of the configuration data proc to match with the simplified view vw_ConfigurationValue.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@FullName	In	ignore	lvarchar (380 characters)	Full name of the value
Required	@Value	In	ignore	lvarchar (512 characters)	Value (as string)
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	Alias of user on whose behalf the sproc is being called.
Optional	@AuditComponent	In	ignore	vchar (64 characters)	Component that is calling this stored procedure

Exceptions

csp_ConfigurationValueModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1140	EXCEPTION_VALUE_MIN	The value specified is below the minimum allowable value for this attribute. The specified value and the minimum allowable value are included in the message.
1141	EXCEPTION_VALUE_MAX	The value specified exceeds the maximum allowable value for this attribute. The specified value and the maximum allowable value are included in the message.
1142	EXCEPTION_VALUE_REGEX	The data in the specified string is invalid according to the validation criteria defined for this attribute.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Alias of user on whose behalf the sproc is being called.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component that is calling this stored procedure
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@FullName

Property Name	Value
Description:	Full name of the value
Notes:	The full name (e.g. "key.subkey.value")
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	lvvarchar (380 characters)
Custom Type:	ConfigurationFullName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Value

Property Name	Value
Description:	Value (as string)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	lvvarchar (512 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.46. csp_ContactCreate

Creates a contact representing a user in a remote mail system by inserting a new row into tbl_Contact. In addition to creating a new Contact object, this procedure also creates several Contact related objects:

- * A DtmfAccessId object by inserting a new row into tbl_DtmfAccessId.
- * An Alias object is created in the tbl_Alias table by calling csp_AliasCreate.
- * If the parameter @VoiceName contains a value other than NULL, a StreamFile object is created with the value of tbl_StreamFile.FileName = @VoiceName. If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.

Additional Information

The parameter @Alias must be provided.

If @LocationObjectId is not provided or is NULL, it is set to the objectid of the primary LocationVMS.

If @DisplayName is not provided, it will be set to the same value as @Alias.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@AddToDefaultDistributionList	In	explicit-with-default	smallint (2 bytes)	Controls if this contact will be added to the "All Voicemail-Enabled Contacts" distribution list when it is created. True means the contact will be added, False means it won't. Default value is False.
Optional	@AltFirstName	In	inherit	nvarchar (64 characters)	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AltLastName	In	inherit	nvarchar (64 characters)	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallHandlerTemplate ObjectId	In	ignore	char (36 characters)	The object id of the call handler template to be used for this contact. If NULL, then use the default call handler template
Optional	@DeliveryLocationObje ctId	In	inherit	char (36 characters)	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).
Optional	@DisableOutbound	In	inherit	smallint (2 bytes)	For an AMIS remote contact, indicates no messages are being delivered to this target
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of a contact. Not their surname nor middle name.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of a contact, by which a contact is commonly known.
Optional	@ListInDirectory	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should list the contact in the phone directory for outside callers.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this contact belongs.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Contact object.
Optional	@RemoteAddress	In	inherit	lvarchar (256 characters)	A mail address on the remote system.
Optional	@TransferEnabled	In	ignore	smallint (2 bytes)	Transfer enabled?

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TransferExtension	In	inherit	nvarchar (40 characters)	The extension (phone number) to transfer to.
Optional	@TransferRings	In	inherit	smallint (2 bytes)	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Optional	@TransferType	In	inherit	smallint (2 bytes)	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Optional	@VoiceName	In	inherit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.

Exceptions

csp_ContactCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Alias is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified Location object was not found. The names of the object (Location), table (tbl_Location), and column (ObjectId) are included with the exception message. 2. A default LocationVMS object was not found. The names of the object (Default location), table (tbl_LocationVMS), and column (IsPrimary) are included with the exception message.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	A system configuration setting was not found. The name of the setting is included in the exception message.

Parameter Properties

@AddToDefaultDistributionList

Property Name	Value
Description:	Controls if this contact will be added to the "All Voicemail-Enabled Contacts" distribution list when it is created. True means the contact will be added, False means it won't. Default value is False.
Notes:	
Business Rules:	
Developer Notes:	The functionality of this parameter can be replaced in the future if Contact templates are ever used since they will specify what DL gets used.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0."
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AltFirstName

Property Name	Value
Description:	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.AltFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.AltFirstName." If "tbl_Contact.AltFirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AltLastName

Property Name	Value
Description:	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.AltLastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.AltLastName." If "tbl_Contact.AltLastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.

Property Name	Value
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallHandlerTemplateObjectId

Property Name	Value
Description:	The object id of the call handler template to be used for this contact. If NULL, then use the default call handler template
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DeliveryLocationObjectID

Property Name	Value
Description:	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.DeliveryLocationObjectID
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.DeliveryLocationObjectID." If "tbl_Contact.DeliveryLocationObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.DirectoryId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	lvvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.DirectoryId." If "tbl_Contact.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisableOutbound

Property Name	Value
Description:	For an AMIS remote contact, indicates no messages are being delivered to this target
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.DisableOutbound
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.DisableOutbound." If "tbl_Contact.DisableOutbound" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.DisplayName." If "tbl_Contact.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of a contact. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.FirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.FirstName." If "tbl_Contact.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of a contact, by which a contact is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.LastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.LastName." If "tbl_Contact.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the contact in the phone directory for outside callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.ListInDirectory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.ListInDirectory." If "tbl_Contact.ListInDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this contact belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.LocationObjectId." If "tbl_Contact.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.ObjectId." If "tbl_Contact.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@RemoteAddress

Property Name	Value
Description:	A mail address on the remote system.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.RemoteAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.RemoteAddress." If "tbl_Contact.RemoteAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TransferEnabled

Property Name	Value
Description:	Transfer enabled?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TransferExtension

Property Name	Value
Description:	The extension (phone number) to transfer to.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.Extension
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.Extension." If "tbl_TransferOption.Extension" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TransferRings

Property Name	Value
Description:	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.TransferRings
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.TransferRings." If "tbl_Contact.TransferRings" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@TransferType

Property Name	Value
Description:	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.TransferType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TransferType

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.TransferType." If "tbl_Contact.TransferType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.47. csp_ContactDelete

Deletes a Contact object from tbl_Contact as specified by the @ObjectId parameter.

Additional Information

This procedure also deletes some Contact related objects:

- * The contact's DtmfAccessId is removed by deleting the associated row from tbl_DtmfAccessId.
- * The contact's Alias is removed by deleting the associated row from tbl_Alias.
- * If the contact has a recorded voice name, the associated StreamFile object is removed by calling csp_StreamFileDelete.

If the Contact is a member or a PersonalGroup, its membership is removed. Likewise, if the contact is associated with any PersonalRuleCaller objects, they are also removed.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Contact object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_ContactDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause the Object Not Found exception to be thrown: 1. The Contact object was not found. The names of the object (Contact), table (tbl_Contact), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Contact), and the column (---) are included with the exception message. The active transaction is rolled back.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	A system configuration setting was not found. The name of the setting is included in the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.ObjectId." If "tbl_Contact.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.48. csp_ContactModify

Updates the attributes of a Contact object based on the values passed in via the parameters. The @ObjectId parameter identifies the Contact object that is updated.

Additional Information

DTMF names are not regenerated (for performance reasons) unless specified.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Contact object.
Optional	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@AltFirstName	In	inherit	nvarchar (64 characters)	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AltLastName	In	inherit	nvarchar (64 characters)	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@DeliveryLocationObjectId	In	inherit	char (36 characters)	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DisableOutbound	In	inherit	smallint (2 bytes)	For an AMIS remote contact, indicates no messages are being delivered to this target
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DtmfAccessId	In	explicit	nvarchar (40 characters)	The dialable number.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of a contact. Not their surname nor middle name.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of a contact, by which a contact is commonly known.
Optional	@ListInDirectory	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should list the contact in the phone directory for outside callers.
Optional	@RemoteAddress	In	inherit	lvarchar (256 characters)	A mail address on the remote system.
Optional	@TransferEnabled	In	ignore	smallint (2 bytes)	Transfer enabled?
Optional	@TransferExtension	In	inherit	nvarchar (40 characters)	The extension (phone number) to transfer to.
Optional	@TransferRings	In	inherit	smallint (2 bytes)	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Optional	@TransferType	In	inherit	smallint (2 bytes)	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Optional	@VoiceName	In	explicit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.

Exceptions

csp_ContactModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The Contact object was not found. The names of the object (Contact), table (tbl_Contact), and column (ObjectId) are included with the exception message.

Parameter Properties

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AltFirstName

Property Name	Value
Description:	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.AltFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.AltFirstName." If "tbl_Contact.AltFirstName" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AltLastName

Property Name	Value
Description:	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.AltLastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.AltLastName." If "tbl_Contact.AltLastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DeliveryLocationObjectId

Property Name	Value
Description:	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.DeliveryLocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.DeliveryLocationObjectId." If "tbl_Contact.DeliveryLocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.DirectoryId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.DirectoryId." If "tbl_Contact.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisableOutbound

Property Name	Value
Description:	For an AMIS remote contact, indicates no messages are being delivered to this target
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.DisableOutbound
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.DisableOutbound." If "tbl_Contact.DisableOutbound" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.DisplayName." If "tbl_Contact.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of a contact. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.FirstName
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.FirstName." If "tbl_Contact.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of a contact, by which a contact is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.LastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.LastName." If "tbl_Contact.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the contact in the phone directory for outside callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.ListInDirectory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.ListInDirectory." If "tbl_Contact.ListInDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.ObjectId." If "tbl_Contact.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@RemoteAddress

Property Name	Value
Description:	A mail address on the remote system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.RemoteAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.RemoteAddress." If "tbl_Contact.RemoteAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@TransferEnabled

Property Name	Value
Description:	Transfer enabled?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TransferExtension

Property Name	Value
Description:	The extension (phone number) to transfer to.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.Extension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.Extension." If "tbl_TransferOption.Extension" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TransferRings

Property Name	Value
Description:	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.TransferRings
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.TransferRings." If "tbl_Contact.TransferRings" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@TransferType

Property Name	Value
Description:	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.TransferType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TransferType
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.TransferType." If "tbl_Contact.TransferType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.49. csp_ConversationCreate

Creates a new Conversation object by inserting a new row into tbl_Conversation. This procedure is not used by clients. It is used to create default conversations during installation.

Additional Information

The parameter @ConversationName must be supplied. This procedure is not used by clients. It is used during installation of the default conversations.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ConversationName	In	inherit	nvarchar (64 characters)	The name of the conversation that can be used to identify a conversation. A subscriber uses this for message retrieval, sending, and setup; or the target of a call routing rule.
Required	@TextName	In	inherit	varchar (192 characters)	Localization key used to lookup the localized name in tbl_LocalizedText.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	Component name for the auditing.
Optional	@CnvCallHandlerAfter Greeting	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Optional	@CnvCallHandlerAfter Message	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Optional	@CnvCallHandlerCaller Input	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@CnvDirectoryHandlerExit	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses * to exit.
Optional	@CnvDirectoryHandlerNoInput	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller does not respond to the name entry prompt.
Optional	@CnvDirectoryHandlerNoSelection	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.
Optional	@CnvDirectoryHandlerZeroExit	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses the zero ("0") key.
Optional	@CnvInterviewHandlerAfterMessage	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the interview handler.
Optional	@CnvRoutingRuleDirectCall	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination in a call routing rule for a direct call.
Optional	@CnvRoutingRuleForwardedCall	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination in a call routing rule for a forwarded call.
Optional	@CnvSubscriberAfterGreeting	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call, after a subscriber greeting is played.
Optional	@CnvSubscriberAfterMessage	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for a subscriber.
Optional	@CnvSubscriberCallerInput	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be assigned to user input keys for a subscriber greeting.
Optional	@CnvSubscriberExit	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination when exiting a subscriber conversation.
Optional	@CnvSubscriberMainConv	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be used as a subscriber main conversation.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@IsVui	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation is a VUI conversation.
Optional	@RequiresCallHandler	In	inherit	smallint (2 bytes)	A flag indicating whether a call handler object is required as input to the conversation.
Optional	@RequiresDirectoryHandler	In	inherit	smallint (2 bytes)	A flag indicating whether a directory handler object is required as input to the conversation.
Optional	@RequiresInterviewHandler	In	inherit	smallint (2 bytes)	A flag indicating whether a interview handler object is required as input to the conversation.
Optional	@RequiresSubscriber	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber object is required as input to the conversation.

Exceptions

csp_ConversationCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ConversationName is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CnvCallHandlerAfterGreeting

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvCallHandlerAfterGreeting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvCallHandlerAfterGreeting." If "tbl_Conversation.CnvCallHandlerAfterGreeting" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@CnvCallHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvCallHandlerAfterMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvCallHandlerAfterMessage." If "tbl_Conversation.CnvCallHandlerAfterMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvCallHandlerCallerInput

Property Name	Value
Description:	A flag indicating whether the conversation can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvCallHandlerCallerInput
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvCallHandlerCallerInput." If "tbl_Conversation.CnvCallHandlerCallerInput" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvDirectoryHandlerExit

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses * to exit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvDirectoryHandlerExit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvDirectoryHandlerExit." If "tbl_Conversation.CnvDirectoryHandlerExit" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvDirectoryHandlerNoInput

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller does not respond to the name entry prompt.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvDirectoryHandlerNoInput
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvDirectoryHandlerNoInput." If "tbl_Conversation.CnvDirectoryHandlerNoInput" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvDirectoryHandlerNoSelection

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvDirectoryHandlerNoSelection
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvDirectoryHandlerNoSelection." If "tbl_Conversation.CnvDirectoryHandlerNoSelection" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvDirectoryHandlerZeroExit

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses the zero ("0") key.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvDirectoryHandlerZeroExit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvDirectoryHandlerZeroExit." If "tbl_Conversation.CnvDirectoryHandlerZeroExit" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvInterviewHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the interview handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvInterviewHandlerAfterMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvInterviewHandlerAfterMessage." If "tbl_Conversation.CnvInterviewHandlerAfterMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvRoutingRuleDirectCall

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination in a call routing rule for a direct call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvRoutingRuleDirectCall
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvRoutingRuleDirectCall." If "tbl_Conversation.CnvRoutingRuleDirectCall" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvRoutingRuleForwardedCall

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination in a call routing rule for a forwarded call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvRoutingRuleForwardedCall
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvRoutingRuleForwardedCall." If "tbl_Conversation.CnvRoutingRuleForwardedCall" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvSubscriberAfterGreeting

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call, after a subscriber greeting is played.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvSubscriberAfterGreeting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvSubscriberAfterGreeting." If "tbl_Conversation.CnvSubscriberAfterGreeting" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvSubscriberAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvSubscriberAfterMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvSubscriberAfterMessage." If "tbl_Conversation.CnvSubscriberAfterMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvSubscriberCallerInput

Property Name	Value
Description:	A flag indicating whether the conversation can be assigned to user input keys for a subscriber greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvSubscriberCallerInput
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvSubscriberCallerInput." If "tbl_Conversation.CnvSubscriberCallerInput" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvSubscriberExit

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination when exiting a subscriber conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvSubscriberExit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvSubscriberExit." If "tbl_Conversation.CnvSubscriberExit" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvSubscriberMainConv

Property Name	Value
Description:	A flag indicating whether the conversation can be used as a subscriber main conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvSubscriberMainConv
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvSubscriberMainConv." If "tbl_Conversation.CnvSubscriberMainConv" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConversationName

Property Name	Value
Description:	The name of the conversation that can be used to identify a conversation. A subscriber uses this for message retrieval, sending, and setup; or the target of a call routing rule.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.ConversationName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.ConversationName." If "tbl_Conversation.ConversationName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsVui

Property Name	Value
Description:	A flag indicating whether the conversation is a VUI conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.IsVui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.IsVui." If "tbl_Conversation.IsVui" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RequiresCallHandler

Property Name	Value
Description:	A flag indicating whether a call handler object is required as input to the conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.RequiresCallHandler
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.RequiresCallHandler." If "tbl_Conversation.RequiresCallHandler" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RequiresDirectoryHandler

Property Name	Value
Description:	A flag indicating whether a directory handler object is required as input to the conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.RequiresDirectoryHandler
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.RequiresDirectoryHandler." If "tbl_Conversation.RequiresDirectoryHandler" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RequiresInterviewHandler

Property Name	Value
Description:	A flag indicating whether a interview handler object is required as input to the conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.RequiresInterviewHandler
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.RequiresInterviewHandler." If "tbl_Conversation.RequiresInterviewHandler" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RequiresSubscriber

Property Name	Value
Description:	A flag indicating whether a subscriber object is required as input to the conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.RequiresSubscriber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.RequiresSubscriber." If "tbl_Conversation.RequiresSubscriber" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TextName

Property Name	Value
Description:	Localization key used to lookup the localized name in tbl_LocalizedText.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.TextName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (192 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.TextName." If "tbl_Conversation.TextName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.50. csp_ConversationDelete

Deletes a Conversation from tbl_Conversation as specified by the @TextName parameter.

Additional Information

This procedure is not used by clients.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ConversationName	In	inherit	nvarchar (64 characters)	The name of the conversation that can be used to identify a conversation. A subscriber uses this for message retrieval, sending, and setup; or the target of a call routing rule.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_ConversationDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ConversationName is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The conversation object specified by @ConversationName was not found. The names of the object (Conversation), table (tbl_Conversation), and column (ConversationName) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_conversation), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ConversationName

Property Name	Value
Description:	The name of the conversation that can be used to identify a conversation. A subscriber uses this for message retrieval, sending, and setup; or the target of a call routing rule.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.ConversationName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.ConversationName." If "tbl_Conversation.ConversationName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.51. csp_ConversationModify

Updates the attributes of a Conversation object based on the values passed in via the parameters. The @TextName parameter identifies the Conversation object that is updated.

Additional Information

This procedure is not used by clients. It is used during installation of the default conversations.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ConversationName	In	inherit	nvarchar (64 characters)	The name of the conversation that can be used to identify a conversation. A subscriber uses this for message retrieval, sending, and setup; or the target of a call routing rule.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	Component name for the auditing.
Optional	@CnvCallHandlerAfter Greeting	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Optional	@CnvCallHandlerAfter Message	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Optional	@CnvCallHandlerCaller Input	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Optional	@CnvDirectoryHandler Exit	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses * to exit.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@CnvDirectoryHandlerNoInput	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller does not respond to the name entry prompt.
Optional	@CnvDirectoryHandlerNoSelection	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.
Optional	@CnvDirectoryHandlerZeroExit	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses the zero ("0") key.
Optional	@CnvInterviewHandlerAfterMessage	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the interview handler.
Optional	@CnvRoutingRuleDirectCall	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination in a call routing rule for a direct call.
Optional	@CnvRoutingRuleForwardedCall	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be a destination in a call routing rule for a forwarded call.
Optional	@CnvSubscriberAfterGreeting	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call, after a subscriber greeting is played.
Optional	@CnvSubscriberAfterMessage	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for a subscriber.
Optional	@CnvSubscriberCallerInput	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be assigned to user input keys for a subscriber greeting.
Optional	@CnvSubscriberExit	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be the destination when exiting a subscriber conversation.
Optional	@CnvSubscriberMainConv	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation can be used as a subscriber main conversation.
Optional	@IsVui	In	inherit	smallint (2 bytes)	A flag indicating whether the conversation is a VUI conversation.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@RequiresCallHandler	In	inherit	smallint (2 bytes)	A flag indicating whether a call handler object is required as input to the conversation.
Optional	@RequiresDirectoryHandler	In	inherit	smallint (2 bytes)	A flag indicating whether a directory handler object is required as input to the conversation.
Optional	@RequiresInterviewHandler	In	inherit	smallint (2 bytes)	A flag indicating whether a interview handler object is required as input to the conversation.
Optional	@RequiresSubscriber	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber object is required as input to the conversation.
Optional	@TextName	In	inherit	varchar (192 characters)	Localization key used to lookup the localized name in tbl_LocalizedText.

Exceptions

csp_ConversationModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ConversationName is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The conversation object specified by @ConversationName was not found. The names of the object (Conversation), table (tbl_Conversation), and column (ConversationName) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CnvCallHandlerAfterGreeting

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call, after a greeting is played. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvCallHandlerAfterGreeting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvCallHandlerAfterGreeting." If "tbl_Conversation.CnvCallHandlerAfterGreeting" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvCallHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the call handler. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvCallHandlerAfterMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvCallHandlerAfterMessage." If "tbl_Conversation.CnvCallHandlerAfterMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvCallHandlerCallerInput

Property Name	Value
Description:	A flag indicating whether the conversation can be assigned to user input keys for a call handler greeting. This flag applies to "application" call handlers, not primary call handlers belonging to a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvCallHandlerCallerInput
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvCallHandlerCallerInput." If "tbl_Conversation.CnvCallHandlerCallerInput" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvDirectoryHandlerExit

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses * to exit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvDirectoryHandlerExit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvDirectoryHandlerExit." If "tbl_Conversation.CnvDirectoryHandlerExit" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvDirectoryHandlerNoInput

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller does not respond to the name entry prompt.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvDirectoryHandlerNoInput
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvDirectoryHandlerNoInput." If "tbl_Conversation.CnvDirectoryHandlerNoInput" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvDirectoryHandlerNoSelection

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller enters a name but does not select an item from the resulting match list, or when the Play All Names is enabled and the caller does not respond to prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvDirectoryHandlerNoSelection
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvDirectoryHandlerNoSelection." If "tbl_Conversation.CnvDirectoryHandlerNoSelection" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvDirectoryHandlerZeroExit

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination from a directory handler when the caller presses the zero ("0") key.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Conversation.CnvDirectoryHandlerZeroExit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvDirectoryHandlerZeroExit." If "tbl_Conversation.CnvDirectoryHandlerZeroExit" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvInterviewHandlerAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for the interview handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvInterviewHandlerAfterMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvInterviewHandlerAfterMessage." If "tbl_Conversation.CnvInterviewHandlerAfterMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvRoutingRuleDirectCall

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination in a call routing rule for a direct call.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Conversation.CnvRoutingRuleDirectCall
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvRoutingRuleDirectCall." If "tbl_Conversation.CnvRoutingRuleDirectCall" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvRoutingRuleForwardedCall

Property Name	Value
Description:	A flag indicating whether the conversation can be a destination in a call routing rule for a forwarded call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvRoutingRuleForwardedCall
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvRoutingRuleForwardedCall." If "tbl_Conversation.CnvRoutingRuleForwardedCall" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvSubscriberAfterGreeting

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call, after a subscriber greeting is played.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Conversation.CnvSubscriberAfterGreeting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvSubscriberAfterGreeting." If "tbl_Conversation.CnvSubscriberAfterGreeting" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvSubscriberAfterMessage

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination for a call after a caller leaves a message for a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvSubscriberAfterMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvSubscriberAfterMessage." If "tbl_Conversation.CnvSubscriberAfterMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvSubscriberCallerInput

Property Name	Value
Description:	A flag indicating whether the conversation can be assigned to user input keys for a subscriber greeting.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Conversation.CnvSubscriberCallerInput
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvSubscriberCallerInput." If "tbl_Conversation.CnvSubscriberCallerInput" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvSubscriberExit

Property Name	Value
Description:	A flag indicating whether the conversation can be the destination when exiting a subscriber conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvSubscriberExit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvSubscriberExit." If "tbl_Conversation.CnvSubscriberExit" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CnvSubscriberMainConv

Property Name	Value
Description:	A flag indicating whether the conversation can be used as a subscriber main conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.CnvSubscriberMainConv

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.CnvSubscriberMainConv." If "tbl_Conversation.CnvSubscriberMainConv" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConversationName

Property Name	Value
Description:	The name of the conversation that can be used to identify a conversation. A subscriber uses this for message retrieval, sending, and setup; or the target of a call routing rule.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.ConversationName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.ConversationName." If "tbl_Conversation.ConversationName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsVui

Property Name	Value
Description:	A flag indicating whether the conversation is a VUI conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.IsVui
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.IsVui." If "tbl_Conversation.IsVui" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RequiresCallHandler

Property Name	Value
Description:	A flag indicating whether a call handler object is required as input to the conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.RequiresCallHandler
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.RequiresCallHandler." If "tbl_Conversation.RequiresCallHandler" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RequiresDirectoryHandler

Property Name	Value
Description:	A flag indicating whether a directory handler object is required as input to the conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.RequiresDirectoryHandler
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.RequiresDirectoryHandler." If "tbl_Conversation.RequiresDirectoryHandler" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RequiresInterviewHandler

Property Name	Value
Description:	A flag indicating whether a interview handler object is required as input to the conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.RequiresInterviewHandler
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.RequiresInterviewHandler." If "tbl_Conversation.RequiresInterviewHandler" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RequiresSubscriber

Property Name	Value
Description:	A flag indicating whether a subscriber object is required as input to the conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.RequiresSubscriber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.RequiresSubscriber." If "tbl_Conversation.RequiresSubscriber" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TextName

Property Name	Value
Description:	Localization key used to lookup the localized name in tbl_LocalizedText.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Conversation.TextName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (192 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Conversation.TextName." If "tbl_Conversation.TextName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.52. csp_CosCreate

Creates a collection of service privileges (Class Of Service) for subscribers that control access to features and use of the system by inserting a new row into tbl_COS.

Additional Information

The parameter @DisplayName must be provided.

If @LocationObjectId is not provided or is NULL, it is set to the objectid of the primary LocationVMS.

If @FaxRestrictionObjectId is NULL, the default fax RestrictionTable object is used.

If @OutcallRestrictionObjectId is NULL, the default outdial RestrictionTable object is used.

If @XferRestrictionObjectId is NULL, the default transfer RestrictionTable object is used.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@AccessAdvancedUser Features	In	inherit	smallint (2 bytes)	A flag indicating whether or not the subscriber has access to advanced user features. Currently, there are two advanced user features: TTS and VUI.
Optional	@AccessCallRoutingRules	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can access personal call routing rules.
Optional	@AccessFaxMail	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS is allowed to manage their fax messages over the phone or from the Cisco Unity Connection Inbox.
Optional	@AccessIMAP	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can access VM via an IMAP client.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AccessLiveReply	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can after listening to a message from another subscriber press 4-4, and Cisco Unity Connection will call the subscriber who left the message. Generally referred to as "Live Reply."
Optional	@AccessTts	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can have to their e-mail messages read to them by an e-mail reader over the phone.
Optional	@AccessUnifiedClient	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber can use the unified client.
Optional	@AccessVmi	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can use the Cisco Unity Connection Inbox to listen to, compose, reply to, forward, and delete voice messages. If the subscriber has "AccessFaxMail" set, they can also use it to manage their faxes. This is a licensed feature.
Optional	@AccessVui	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can use the voice driven inbox conversation.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallHoldAvailable	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to change their own call holding options by using the Cisco Unity Connection Assistant. Call holding settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@CallScreenAvailable	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to change their own call screening options by using the Cisco Unity Assistant. Call screening settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.
Optional	@CanRecordName	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber can record their own name.
Optional	@CanSendToPublicDL	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber can send messages to system (formerly called "public") distribution lists.
Optional	@EnableEnhancedSecurity	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber uses regular or enhanced phone security. Enhanced phone security adds RSA two-factor authentication to regular security.
Optional	@FaxRestrictionObjectId	In	inherit	char (36 characters)	The unique identifier for the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in fax dialing settings.
Optional	@ImapCanFetchMessageBody	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber can fetch the body of a non-private message using IMAP.
Optional	@ImapCanFetchPrivateMessageBody	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber can fetch the body of a private message using IMAP.
Optional	@ListInDirectoryStatus	In	inherit	smallint (2 bytes)	A flag indicating whether subscribers can choose to be listed or not in the phone directory. The phone directory (directory assistance) is the audio listing that subscribers and unidentified callers use to reach subscribers and to leave messages.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS to which this COS belongs.
Optional	@MaxGreetingLength	In	inherit	int (4 bytes)	The maximum recording length (in seconds) allowed to the subscriber for recording their greeting.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MaxMembersPVL	In	inherit	int (4 bytes)	The maximum number of members allowed in a personal voice mail list.
Optional	@MaxMsgLength	In	inherit	int (4 bytes)	The maximum recording length (in seconds) allowed to the subscriber for recording messages and conversations.
Optional	@MaxNameLength	In	inherit	int (4 bytes)	The maximum recording length (in seconds) allowed to the subscriber for recording their voice name.
Optional	@MaxPrivateDlists	In	inherit	smallint (2 bytes)	The maximum number of personal voice mail lists the subscriber is allowed to create.
Optional	@MovetoDeleteFolder	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection moves deleted messages for the subscriber to a Deleted Items folder or physically deletes the message. True='deletion' moves messages to the DeletedItems folder, where it ages until it evaporates. False='deletion' physically deletes the message
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a COS object.
Optional	@OutcallRestrictionObjectId	In	inherit	char (36 characters)	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in message delivery settings. The restriction table also restricts the subscriber extensions that Cisco Unity Connection dials when the phone is selected as the recording and playback device for the Media Master.
Optional	@PersonalAdministrator	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection allows a subscriber to use the Cisco Unity Assistant to personalize their Cisco Unity Connection setting -- including their recorded greetings and message delivery options -- or to set up message notification devices and create private lists.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	A flag indicating that this COS is read only. It cannot be modified from the SA.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@RequireSecureMessages	In	inherit	int (4 bytes)	Specifies when to mark message secure
Optional	@SendBroadcastMessage	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to send broadcast messages to all subscribers on the VMS.
Optional	@UaAlternateExtensionAccess	In	inherit	smallint (2 bytes)	The abilities a subscriber has to manage administer-defined alternate extensions assigned to the subscriber. Determines whether subscribers can view the administrator-defined alternate extensions, and whether subscribers can manage (add, modify, and delete) their own set of alternate extensions in the Cisco Unity Assistant. If enabled, subscribers can define up to 5 alternate extensions in addition to the 9 alternate extensions that an administrator can define for them.
Optional	@Undeletable	In	inherit	smallint (2 bytes)	A flag indicating whether this COS can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UpdateBroadcastMessage	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Optional	@WarnIntervalMsgEnd	In	inherit	int (4 bytes)	The amount of time (in milliseconds) before the end of the maximum recording time when Cisco Unity Connection will play a warning tone or WAV file to indicate to the caller that they are almost out of recording time.
Optional	@WarnMinMsgLength	In	inherit	int (4 bytes)	The minimum length (in milliseconds) that the maximum recording time has to be before the record termination warning feature is active. When the record termination feature is active, Cisco Unity Connection plays a warning tone indicating to the caller that they are almost out of recording time.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@XferRestrictionObjectId	In	inherit	char (36 characters)	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in call transfer settings.

Exceptions

csp_CosCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause this procedure to throw an Object Not Found Exception: 1. The specified Location object was not found. The names of the object (Location), table (tbl_Location), and column (ObjectId) are included with the exception message. 2. The RestrictionTable object specified by either the @FaxRestrictionObjectId, @OutcallRestrictionObjectId, or @XferRestrictionObjectId was not found. The names of the object (Restriction table), table (tbl_RestrictionTable), and column (ObjectId) are included with the exception message.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	A system configuration setting was not found. The name of the setting is included in the exception message.

Parameter Properties

@AccessAdvancedUserFeatures

Property Name	Value
Description:	A flag indicating whether or not the subscriber has access to advanced user features. Currently, there are two advanced user features: TTS and VUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessAdvancedUserFeatures
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessAdvancedUserFeatures." If "tbl_Cos.AccessAdvancedUserFeatures" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessCallRoutingRules

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can access personal call routing rules.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessCallRoutingRules
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessCallRoutingRules." If "tbl_Cos.AccessCallRoutingRules" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessFaxMail

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS is allowed to manage their fax messages over the phone or from the Cisco Unity Connection Inbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessFaxMail
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessFaxMail." If "tbl_Cos.AccessFaxMail" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessIMAP

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can access VM via an IMAP client.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessIMAP
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessIMAP." If "tbl_Cos.AccessIMAP" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessLiveReply

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can after listening to a message from another subscriber press 4-4, and Cisco Unity Connection will call the subscriber who left the message. Generally referred to as "Live Reply."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessLiveReply
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessLiveReply." If "tbl_Cos.AccessLiveReply" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessTts

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can have to their e-mail messages read to them by an e-mail reader over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessTts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessTts." If "tbl_Cos.AccessTts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessUnifiedClient

Property Name	Value
Description:	A flag indicating whether a subscriber can use the unified client.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessUnifiedClient
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessUnifiedClient." If "tbl_Cos.AccessUnifiedClient" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessVmi

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can use the Cisco Unity Connection Inbox to listen to, compose, reply to, forward, and delete voice messages. If the subscriber has "AccessFaxMail" set, they can also use it to manage their faxes. This is a licensed feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessVmi
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessVmi." If "tbl_Cos.AccessVmi" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessVui

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can use the voice driven inbox conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessVui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessVui." If "tbl_Cos.AccessVui" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallHoldAvailable

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to change their own call holding options by using the Cisco Unity Connection Assistant. Call holding settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.CallHoldAvailable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.CallHoldAvailable." If "tbl_Cos.CallHoldAvailable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CallScreenAvailable

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to change their own call screening options by using the Cisco Unity Assistant. Call screening settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.CallScreenAvailable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.CallScreenAvailable." If "tbl_Cos.CallScreenAvailable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CanRecordName

Property Name	Value
Description:	A flag indicating whether the subscriber can record their own name.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.CanRecordName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.CanRecordName." If "tbl_Cos.CanRecordName" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@CanSendToPublicDI

Property Name	Value
Description:	A flag indicating whether the subscriber can send messages to system (formerly called "public") distribution lists.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.CanSendToPublicDI
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.CanSendToPublicDI." If "tbl_Cos.CanSendToPublicDI" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Cos.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.DisplayName." If "tbl_Cos.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EnableEnhancedSecurity

Property Name	Value
Description:	A flag indicating whether the subscriber uses regular or enhanced phone security. Enhanced phone security adds RSA two-factor authentication to regular security.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.EnableEnhancedSecurity
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.EnableEnhancedSecurity." If "tbl_Cos.EnableEnhancedSecurity" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@FaxRestrictionObjectId

Property Name	Value
Description:	The unique identifier for the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in fax dialing settings.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.FaxRestrictionObjectId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.FaxRestrictionObjectId." If "tbl_Cos.FaxRestrictionObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ImapCanFetchMessageBody

Property Name	Value
Description:	A flag indicating whether the subscriber can fetch the body of a non-private message using IMAP.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ImapCanFetchMessageBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ImapCanFetchMessageBody." If "tbl_Cos.ImapCanFetchMessageBody" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ImapCanFetchPrivateMessageBody

Property Name	Value
Description:	A flag indicating whether the subscriber can fetch the body of a private message using IMAP.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ImapCanFetchPrivateMessageBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ImapCanFetchPrivateMessageBody." If "tbl_Cos.ImapCanFetchPrivateMessageBody" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ListInDirectoryStatus

Property Name	Value
Description:	A flag indicating whether subscribers can choose to be listed or not in the phone directory. The phone directory (directory assistance) is the audio listing that subscribers and unidentified callers use to reach subscribers and to leave messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ListInDirectoryStatus
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ListInDirectoryStatus." If "tbl_Cos.ListInDirectoryStatus" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS to which this COS belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.LocationObjectId." If "tbl_Cos.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxGreetingLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording their greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MaxGreetingLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MaxGreetingLength." If "tbl_Cos.MaxGreetingLength" can be NULL, then explicit NULL is allowed.
Default Value:	90
Direction:	In
Update Column Value From Parameter:	True

@MaxMembersPVL

Property Name	Value
Description:	The maximum number of members allowed in a personal voice mail list.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MaxMembersPVL
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MaxMembersPVL." If "tbl_Cos.MaxMembersPVL" can be NULL, then explicit NULL is allowed.
Default Value:	99

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@MaxMsgLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording messages and conversations.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MaxMsgLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MaxMsgLength." If "tbl_Cos.MaxMsgLength" can be NULL, then explicit NULL is allowed.
Default Value:	300
Direction:	In
Update Column Value From Parameter:	True

@MaxNameLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording their voice name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MaxNameLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MaxNameLength." If "tbl_Cos.MaxNameLength" can be NULL, then explicit NULL is allowed.
Default Value:	30
Direction:	In
Update Column Value From Parameter:	True

@MaxPrivateDlists

Property Name	Value
Description:	The maximum number of personal voice mail lists the subscriber is allowed to create.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MaxPrivateDlists
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MaxPrivateDlists." If "tbl_Cos.MaxPrivateDlists" can be NULL, then explicit NULL is allowed.
Default Value:	25
Direction:	In
Update Column Value From Parameter:	True

@MovetoDeleteFolder

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection moves deleted messages for the subscriber to a Deleted Items folder or physically deletes the message. True='deletion' moves messages to the DeletedItems folder, where it ages until it evaporates. False='deletion' physically deletes the message
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MovetoDeleteFolder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MovetoDeleteFolder." If "tbl_Cos.MovetoDeleteFolder" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a COS object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ObjectId." If "tbl_Cos.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@OutcallRestrictionObjectId

Property Name	Value
Description:	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in message delivery settings. The restriction table also restricts the subscriber extensions that Cisco Unity Connection dials when the phone is selected as the recording and playback device for the Media Master.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.OutcallRestrictionObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.OutcallRestrictionObjectId." If "tbl_Cos.OutcallRestrictionObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PersonalAdministrator

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows a subscriber to use the Cisco Unity Assistant to personalize their Cisco Unity Connection setting -- including their recorded greetings and message delivery options -- or to set up message notification devices and create private lists.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.PersonalAdministrator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.PersonalAdministrator." If "tbl_Cos.PersonalAdministrator" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ReadOnly

Property Name	Value
Description:	A flag indicating that this COS is read only. It cannot be modified from the SA.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ReadOnly." If "tbl_Cos.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RequireSecureMessages

Property Name	Value
Description:	Specifies when to mark message secure
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.RequireSecureMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	RequireSecureMessages
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.RequireSecureMessages." If "tbl_Cos.RequireSecureMessages" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@SendBroadcastMessage

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to send broadcast messages to all subscribers on the VMS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.SendBroadcastMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.SendBroadcastMessage." If "tbl_Cos.SendBroadcastMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UaAlternateExtensionAccess

Property Name	Value
Description:	The abilities a subscriber has to manage administrator-defined alternate extensions assigned to the subscriber. Determines whether subscribers can view the administrator-defined alternate extensions, and whether subscribers can manage (add, modify, and delete) their own set of alternate extensions in the Cisco Unity Assistant. If enabled, subscribers can define up to 5 alternate extensions in addition to the 9 alternate extensions that an administrator can define for them.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.UaAlternateExtensionAccess
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	UaAlternateExtension
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.UaAlternateExtensionAccess." If "tbl_Cos.UaAlternateExtensionAccess" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this COS can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.Undeletable." If "tbl_Cos.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UpdateBroadcastMessage

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Cos.UpdateBroadcastMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.UpdateBroadcastMessage." If "tbl_Cos.UpdateBroadcastMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@WarnIntervalMsgEnd

Property Name	Value
Description:	The amount of time (in milliseconds) before the end of the maximum recording time when Cisco Unity Connection will play a warning tone or WAV file to indicate to the caller that they are almost out of recording time.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.WarnIntervalMsgEnd
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.WarnIntervalMsgEnd." If "tbl_Cos.WarnIntervalMsgEnd" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@WarnMinMsgLength

Property Name	Value
Description:	The minimum length (in milliseconds) that the maximum recording time has to be before the record termination warning feature is active. When the record termination feature is active, Cisco Unity Connection plays a warning tone indicating to the caller that they are almost out of recording time.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Cos.WarnMinMsgLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.WarnMinMsgLength." If "tbl_Cos.WarnMinMsgLength" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@XferRestrictionObjectId

Property Name	Value
Description:	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in call transfer settings.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.XferRestrictionObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.XferRestrictionObjectId." If "tbl_Cos.XferRestrictionObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.53. csp_CosDelete

Deletes a COS object from tbl_Cos as specified by the @ObjectId parameter.

Additional Information

If a replacement COS is specified (@ReplacementCosObjectId), all User and Agency objects assigned the deleted COS are updated with the replacement COS.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a COS object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ReplacementCosObjectId	In	ignore	char (36 characters)	Specifies a COS to replace the deleted one with to prevent orphans.

Exceptions

csp_CosDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are three conditions that can cause an Object Not Found exception to be thrown: 1. The COS object specified by @ObjectId was not found. The names of the object (COS), table (tbl_Cos), and column (ObjectId) are included with the exception message. 2. The COS object specified by @ReplacementCosObjectId was not found. The names of the object (COS), table (tbl_Cos), and column (ObjectId) are included with the exception message. 3. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Cos), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Error #	Name	Description
1016	EXCEPTION_OBJECT_UNDELETABLE	This COS is required by the system and may not be deleted.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a COS object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ObjectId." If "tbl_Cos.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ReplacementCosObjectId

Property Name	Value
Description:	Specifies a COS to replace the deleted one with to prevent orphans.
Notes:	If a replacement COS is specified (@ReplacementCosObjectId), all User and Agency objects assigned the deleted COS are updated with the replacement COS.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.54. csp_CosModify

Updates the attributes of a COS object based on the values passed in via the parameters. The @ObjectId parameter identifies the COS object that is updated.

Additional Information

A check is made of the read-only flag. If it is set, the procedure will not update the specified COS.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a COS object.
Optional	@AccessAdvancedUser Features	In	inherit	smallint (2 bytes)	A flag indicating whether or not the subscriber has access to advanced user features. Currently, there are two advanced user features: TTS and VUI.
Optional	@AccessCallRoutingRules	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can access personal call routing rules.
Optional	@AccessFaxMail	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS is allowed to manage their fax messages over the phone or from the Cisco Unity Connection Inbox.
Optional	@AccessIMAP	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can access VM via an IMAP client.
Optional	@AccessLiveReply	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can after listening to a message from another subscriber press 4-4, and Cisco Unity Connection will call the subscriber who left the message. Generally referred to as "Live Reply."
Optional	@AccessTts	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can have to their e-mail messages read to them by an e-mail reader over the phone.
Optional	@AccessUnifiedClient	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber can use the unified client.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AccessVmi	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can use the Cisco Unity Connection Inbox to listen to, compose, reply to, forward, and delete voice messages. If the subscriber has "AccessFaxMail" set, they can also use it to manage their faxes. This is a licensed feature.
Optional	@AccessVui	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber assigned this COS can use the voice driven inbox conversation.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallHoldAvailable	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to change their own call holding options by using the Cisco Unity Connection Assistant. Call holding settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.
Optional	@CallScreenAvailable	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to change their own call screening options by using the Cisco Unity Assistant. Call screening settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.
Optional	@CanRecordName	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber can record their own name.
Optional	@CanSendToPublicDI	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber can send messages to system (formerly called "public") distribution lists.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@EnableEnhancedSecurity	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber uses regular or enhanced phone security. Enhanced phone security adds RSA two-factor authentication to regular security.
Optional	@FaxRestrictionObjectId	In	inherit	char (36 characters)	The unique identifier for the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in fax dialing settings.
Optional	@ImapCanFetchMessageBody	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber can fetch the body of a non-private message using IMAP.
Optional	@ImapCanFetchPrivateMessageBody	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber can fetch the body of a private message using IMAP.
Optional	@ListInDirectoryStatus	In	inherit	smallint (2 bytes)	A flag indicating whether subscribers can choose to be listed or not in the phone directory. The phone directory (directory assistance) is the audio listing that subscribers and unidentified callers use to reach subscribers and to leave messages.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS to which this COS belongs.
Optional	@MaxGreetingLength	In	inherit	int (4 bytes)	The maximum recording length (in seconds) allowed to the subscriber for recording their greeting.
Optional	@MaxMembersPVL	In	inherit	int (4 bytes)	The maximum number of members allowed in a personal voice mail list.
Optional	@MaxMsgLength	In	inherit	int (4 bytes)	The maximum recording length (in seconds) allowed to the subscriber for recording messages and conversations.
Optional	@MaxNameLength	In	inherit	int (4 bytes)	The maximum recording length (in seconds) allowed to the subscriber for recording their voice name.
Optional	@MaxPrivateDlists	In	inherit	smallint (2 bytes)	The maximum number of personal voice mail lists the subscriber is allowed to create.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MovetoDeleteFolder	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection moves deleted messages for the subscriber to a Deleted Items folder or physically deletes the message. True='deletion' moves messages to the DeletedItems folder, where it ages until it evaporates. False='deletion' physically deletes the message
Optional	@NoLicenseCheck	In	explicit-withdefault	smallint (2 bytes)	Set to 1 (true) to skip license checks.
Optional	@OutcallRestrictionObjectId	In	inherit	char (36 characters)	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in message delivery settings. The restriction table also restricts the subscriber extensions that Cisco Unity Connection dials when the phone is selected as the recording and playback device for the Media Master.
Optional	@PersonalAdministrator	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection allows a subscriber to use the Cisco Unity Assistant to personalize their Cisco Unity Connection setting -- including their recorded greetings and message delivery options -- or to set up message notification devices and create private lists.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	A flag indicating that this COS is read only. It cannot be modified from the SA.
Optional	@RequireSecureMessages	In	inherit	int (4 bytes)	Specifies when to mark message secure
Optional	@SendBroadcastMessage	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to send broadcast messages to all subscribers on the VMS.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@UaAlternateExtension Access	In	inherit	smallint (2 bytes)	The abilities a subscriber has to manage administer-defined alternate extensions assigned to the subscriber. Determines whether subscribers can view the administrator-defined alternate extensions, and whether subscribers can manage (add, modify, and delete) their own set of alternate extensions in the Cisco Unity Assistant. If enabled, subscribers can define up to 5 alternate extensions in addition to the 9 alternate extensions that an administrator can define for them.
Optional	@Undeleteable	In	inherit	smallint (2 bytes)	A flag indicating whether this COS can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UpdateBroadcastMessage	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Optional	@WarnIntervalMsgEnd	In	inherit	int (4 bytes)	The amount of time (in milliseconds) before the end of the maximum recording time when Cisco Unity Connection will play a warning tone or WAV file to indicate to the caller that they are almost out of recording time.
Optional	@WarnMinMsgLength	In	inherit	int (4 bytes)	The minimum length (in milliseconds) that the maximum recording time has to be before the record termination warning feature is active. When the record termination feature is active, Cisco Unity Connection plays a warning tone indicating to the caller that they are almost out of recording time.
Optional	@XferRestrictionObjectId	In	inherit	char (36 characters)	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in call transfer settings.

Exceptions

csp_CosModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified COS object was not found. The names of the object (COS), table (tbl_Cos), and column (ObjectId) are included with the exception message.
1015	EXCEPTION_OBJECT_READONLY	The COS as specified by @ObjectId cannot be updated because it's read-only attribute is set. The name of the object (COS) and table (tbl_Cos) are included with the message.
1026	EXCEPTION_LICENSE_VIOLATION_FEATURE	The number subscribers exceeds the allowed number for a licensed feature. The name of the feature is included with the exception.

Parameter Properties

@AccessAdvancedUserFeatures

Property Name	Value
Description:	A flag indicating whether or not the subscriber has access to advanced user features. Currently, there are two advanced user features: TTS and VUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessAdvancedUserFeatures
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessAdvancedUserFeatures." If "tbl_Cos.AccessAdvancedUserFeatures" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessCallRoutingRules

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can access personal call routing rules.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessCallRoutingRules
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessCallRoutingRules." If "tbl_Cos.AccessCallRoutingRules" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessFaxMail

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS is allowed to manage their fax messages over the phone or from the Cisco Unity Connection Inbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessFaxMail
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessFaxMail." If "tbl_Cos.AccessFaxMail" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessIMAP

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can access VM via an IMAP client.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessIMAP
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessIMAP." If "tbl_Cos.AccessIMAP" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessLiveReply

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can after listening to a message from another subscriber press 4-4, and Cisco Unity Connection will call the subscriber who left the message. Generally referred to as "Live Reply."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessLiveReply
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessLiveReply." If "tbl_Cos.AccessLiveReply" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessTts

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can have to their e-mail messages read to them by an e-mail reader over the phone.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Cos.AccessTts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessTts." If "tbl_Cos.AccessTts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessUnifiedClient

Property Name	Value
Description:	A flag indicating whether a subscriber can use the unified client.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessUnifiedClient
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessUnifiedClient." If "tbl_Cos.AccessUnifiedClient" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessVmi

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can use the Cisco Unity Connection Inbox to listen to, compose, reply to, forward, and delete voice messages. If the subscriber has "AccessFaxMail" set, they can also use it to manage their faxes. This is a licensed feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessVmi
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessVmi." If "tbl_Cos.AccessVmi" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AccessVui

Property Name	Value
Description:	A flag indicating whether a subscriber assigned this COS can use the voice driven inbox conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.AccessVui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.AccessVui." If "tbl_Cos.AccessVui" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallHoldAvailable

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to change their own call holding options by using the Cisco Unity Connection Assistant. Call holding settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.CallHoldAvailable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.CallHoldAvailable." If "tbl_Cos.CallHoldAvailable" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@CallScreenAvailable

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to change their own call screening options by using the Cisco Unity Assistant. Call screening settings apply when calls are transferred from the automated attendant or a directory handler to subscriber phones. They do not apply when an outsider caller or another subscriber dials a subscriber extension directly.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.CallScreenAvailable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.CallScreenAvailable." If "tbl_Cos.CallScreenAvailable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CanRecordName

Property Name	Value
Description:	A flag indicating whether the subscriber can record their own name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.CanRecordName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.CanRecordName." If "tbl_Cos.CanRecordName" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@CanSendToPublicDI

Property Name	Value
Description:	A flag indicating whether the subscriber can send messages to system (formerly called "public") distribution lists.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.CanSendToPublicDI
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.CanSendToPublicDI." If "tbl_Cos.CanSendToPublicDI" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this COS , e.g. "Default COS," "Basic Voice Mail." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.DisplayName." If "tbl_Cos.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EnableEnhancedSecurity

Property Name	Value
Description:	A flag indicating whether the subscriber uses regular or enhanced phone security. Enhanced phone security adds RSA two-factor authentication to regular security.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.EnableEnhancedSecurity
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.EnableEnhancedSecurity." If "tbl_Cos.EnableEnhancedSecurity" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@FaxRestrictionObjectId

Property Name	Value
Description:	The unique identifier for the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in fax dialing settings.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.FaxRestrictionObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.FaxRestrictionObjectId." If "tbl_Cos.FaxRestrictionObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ImapCanFetchMessageBody

Property Name	Value
Description:	A flag indicating whether the subscriber can fetch the body of a non-private message using IMAP.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ImapCanFetchMessageBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ImapCanFetchMessageBody." If "tbl_Cos.ImapCanFetchMessageBody" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ImapCanFetchPrivateMessageBody

Property Name	Value
Description:	A flag indicating whether the subscriber can fetch the body of a private message using IMAP.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ImapCanFetchPrivateMessageBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ImapCanFetchPrivateMessageBody." If "tbl_Cos.ImapCanFetchPrivateMessageBody" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ListInDirectoryStatus

Property Name	Value
Description:	A flag indicating whether subscribers can choose to be listed or not in the phone directory. The phone directory (directory assistance) is the audio listing that subscribers and unidentified callers use to reach subscribers and to leave messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ListInDirectoryStatus
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ListInDirectoryStatus." If "tbl_Cos.ListInDirectoryStatus" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS to which this COS belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.LocationObjectId." If "tbl_Cos.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxGreetingLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording their greeting.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MaxGreetingLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MaxGreetingLength." If "tbl_Cos.MaxGreetingLength" can be NULL, then explicit NULL is allowed.
Default Value:	90
Direction:	In
Update Column Value From Parameter:	True

@MaxMembersPVL

Property Name	Value
Description:	The maximum number of members allowed in a personal voice mail list.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MaxMembersPVL
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MaxMembersPVL." If "tbl_Cos.MaxMembersPVL" can be NULL, then explicit NULL is allowed.
Default Value:	99
Direction:	In
Update Column Value From Parameter:	True

@MaxMsgLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording messages and conversations.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MaxMsgLength

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MaxMsgLength." If "tbl_Cos.MaxMsgLength" can be NULL, then explicit NULL is allowed.
Default Value:	300
Direction:	In
Update Column Value From Parameter:	True

@MaxNameLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed to the subscriber for recording their voice name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MaxNameLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MaxNameLength." If "tbl_Cos.MaxNameLength" can be NULL, then explicit NULL is allowed.
Default Value:	30
Direction:	In
Update Column Value From Parameter:	True

@MaxPrivateDlists

Property Name	Value
Description:	The maximum number of personal voice mail lists the subscriber is allowed to create.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MaxPrivateDlists
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MaxPrivateDlists." If "tbl_Cos.MaxPrivateDlists" can be NULL, then explicit NULL is allowed.
Default Value:	25
Direction:	In
Update Column Value From Parameter:	True

@MovetoDeleteFolder

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection moves deleted messages for the subscriber to a Deleted Items folder or physically deletes the message. True='deletion' moves messages to the DeletedItems folder, where it ages until it evaporates. False='deletion' physically deletes the message
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.MovetoDeleteFolder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.MovetoDeleteFolder." If "tbl_Cos.MovetoDeleteFolder" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@NoLicenseCheck

Property Name	Value
Description:	Set to 1 (true) to skip license checks.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0."
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a COS object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ObjectId." If "tbl_Cos.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@OutcallRestrictionObjectId

Property Name	Value
Description:	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in message delivery settings. The restriction table also restricts the subscriber extensions that Cisco Unity Connection dials when the phone is selected as the recording and playback device for the Media Master.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.OutcallRestrictionObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.OutcallRestrictionObjectId." If "tbl_Cos.OutcallRestrictionObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PersonalAdministrator

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows a subscriber to use the Cisco Unity Assistant to personalize their Cisco Unity Connection setting -- including their recorded greetings and message delivery options -- or to set up message notification devices and create private lists.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.PersonalAdministrator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.PersonalAdministrator." If "tbl_Cos.PersonalAdministrator" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ReadOnly

Property Name	Value
Description:	A flag indicating that this COS is read only. It cannot be modified from the SA.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.ReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.ReadOnly." If "tbl_Cos.ReadOnly" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RequireSecureMessages

Property Name	Value
Description:	Specifies when to mark message secure
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.RequireSecureMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	RequireSecureMessages
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.RequireSecureMessages." If "tbl_Cos.RequireSecureMessages" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@SendBroadcastMessage

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to send broadcast messages to all subscribers on the VMS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.SendBroadcastMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.SendBroadcastMessage." If "tbl_Cos.SendBroadcastMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UaAlternateExtensionAccess

Property Name	Value
Description:	The abilities a subscriber has to manage administer-defined alternate extensions assigned to the subscriber. Determines whether subscribers can view the administrator-defined alternate extensions, and whether subscribers can manage (add, modify, and delete) their own set of alternate extensions in the Cisco Unity Assistant. If enabled, subscribers can define up to 5 alternate extensions in addition to the 9 alternate extensions that an administrator can define for them.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.UaAlternateExtensionAccess
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	UaAlternateExtension
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.UaAlternateExtensionAccess." If "tbl_Cos.UaAlternateExtensionAccess" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this COS can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.Undeletable." If "tbl_Cos.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UpdateBroadcastMessage

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.UpdateBroadcastMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.UpdateBroadcastMessage." If "tbl_Cos.UpdateBroadcastMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@WarnIntervalMsgEnd

Property Name	Value
Description:	The amount of time (in milliseconds) before the end of the maximum recording time when Cisco Unity Connection will play a warning tone or WAV file to indicate to the caller that they are almost out of recording time.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.WarnIntervalMsgEnd
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.WarnIntervalMsgEnd." If "tbl_Cos.WarnIntervalMsgEnd" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@WarnMinMsgLength

Property Name	Value
Description:	The minimum length (in milliseconds) that the maximum recording time has to be before the record termination warning feature is active. When the record termination feature is active, Cisco Unity Connection plays a warning tone indicating to the caller that they are almost out of recording time.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.WarnMinMsgLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.WarnMinMsgLength." If "tbl_Cos.WarnMinMsgLength" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@XferRestrictionObjectId

Property Name	Value
Description:	The unique identifier of the RestrictionTable object that Cisco Unity Connection uses to limit phone numbers that the subscriber can enter in call transfer settings.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Cos.XferRestrictionObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Cos.XferRestrictionObjectId." If "tbl_Cos.XferRestrictionObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.55. csp_CredentialCreate

Creates new Credential object for a user by inserting a new row into tbl_Credential. When a new credential is created, this procedure will also create a new UserCredentialHistory object for the respective user by inserting a new row in tbl_UserCredentialHistory for the respective user. This is done by executing csp_private_UserCredentialHistoryCreate.

To change the properties of a user's credential, see csp_CredentialModify.

Additional Information

The parameters @UserObjectid, @CredentialType, @CredentialPolicyObjectid and the @Credentials must be provided.

Normally a client passes in the credentials in binary. However, if necessary, a client can pass in the credentials as a string using the @strCredentials parameter. The text will be converted to binary and override the @Credentials parameter.

The credentials are stored using a SHA1 hash with salt. Although not recommended, a user can be created with a blank password. As the user must have a record in tbl_Credential to be authenticated, in the case of a blank password, the client should pass in a binary Unicode representation of an empty string (0x0000) via @Credentials or an empty string via @strCredentials.

When a credential is created, this procedure will automatically add a new row to tbl_UserCredentialHistory for the respective user. This is done by executing csp_private_UserCredentialHistoryCreate. One exception is if the credential is blank (i.e., blank password). In the case of a blank credential, the user's credential history is not updated.

Business Rules

Users with administrative privileges MUST have a non-blank credential. Reference Security FRD SFS-002JC.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CredentialPolicyObjectid	In	inherit	char (36 characters)	The unique identifier of the CredentialPolicy object that is associated with this credential.
Required	@CredentialType	In	inherit	int (4 bytes)	The type of credential such as password, PIN, Windows or Domino credential.
Required	@UserObjectid	In	inherit	char (36 characters)	The unique identifier of the User object to which this credential belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CantChange	In	inherit	smallint (2 bytes)	A flag indicating whether the user can set this credential.
Optional	@Credentials	In	explicit-with-default	varchar (254 characters)	The PIN or password, for a user. The credentials are stored in an encrypted format.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@CredMustChange	In	inherit	smallint (2 bytes)	A flag indicating whether the user must change their credentials (PIN or password) at the next login.
Optional	@DoesntExpire	In	inherit	smallint (2 bytes)	A flag indicating whether this user credential will expire, and therefore the user must change the credential periodically. However, if the credential does not expire (value = "1"), the user still may change the credential (if allowed by CantChange).
Optional	@EncryptionType	In	inherit	int (4 bytes)	Type of encryption that was used to generate the credentials.
Optional	@HackCount	In	ignore	int (4 bytes)	This parameter is a stub until the admin team stops using it. It does nothing.
Optional	@IsPrimary	In	inherit	smallint (2 bytes)	A flag indicating whether this credential is mapped to the user NT/AD domain account and as such is designated as the 'primary' credential for the user. This column is not currently used, but is retained from Unity 4.x in case it is needed in the future.
Optional	@Locked	In	ignore	smallint (2 bytes)	Emulates a Boolean data type, which can have one of two values. Either 1 for true, or 0 for false.
Optional	@strCredentials	In	explicit	nvarchar (128 characters)	Alternate to @Credentials. If passed in, the text will be converted to binary and override the @Credentials parameter.
Optional	@TimeChanged	In	ignore	datetime (8 bytes)	This parameter is a stub until the admin team stops using it. It does nothing.
Optional	@TimeLastHack	In	ignore	datetime (4 bytes)	This parameter is a stub until the admin team stops using it. It does nothing.
Optional	@TimeLockout	In	ignore	datetime (8 bytes)	This parameter is a stub until the admin team stops using it. It does nothing.

Exceptions

csp_CredentialCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@UserObjectId, @CredentialType, @Credentials, and @CredentialPolicyObjectId) is NULL. The name of the missing parameter is included with the exception message.
1003	EXCEPTION_PARAMETER_INVALID	Either @Credentials or @strCredentials need to be passed-in.
1119	EXCEPTION_CREDENTIAL_HISTORY_MATCH	The credential specified in @Credentials for the credential type specified by in @CredentialType matches a previous credential for the user specified by @UserObjectId. Based on the credential policy specified by @CredentialPolicyObject, this credential may not be reused.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CantChange

Property Name	Value
Description:	A flag indicating whether the user can set this credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CantChange
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CantChange." If "tbl_Credential.CantChange" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CredentialPolicyObjectId

Property Name	Value
Description:	The unique identifier of the CredentialPolicy object that is associated with this credential.
Notes:	This parameter must be provided. Otherwise, a new Credential is not created.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredentialPolicyObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredentialPolicyObjectId." If "tbl_Credential.CredentialPolicyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Credentials

Property Name	Value
Description:	The PIN or password, for a user. The credentials are stored in an encrypted format.
Notes:	This parameter must be provided. Otherwise, a new Credential is not created.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.Credentials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	Credentials
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0xFABBADABBA."
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CredentialType

Property Name	Value
Description:	The type of credential such as password, PIN, Windows or Domino credential.
Notes:	This parameter must be provided. Otherwise, a new Credential is not created.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredentialType
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CredentialType
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredentialType." If "tbl_Credential.CredentialType" can be NULL, then explicit NULL is allowed.
Default Value:	4

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@CredMustChange

Property Name	Value
Description:	A flag indicating whether the user must change their credentials (PIN or password) at the next login.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredMustChange
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredMustChange." If "tbl_Credential.CredMustChange" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DoesntExpire

Property Name	Value
Description:	A flag indicating whether this user credential will expire, and therefore the user must change the credential periodically. However, if the credential does not expire (value = "1"), the user still may change the credential (if allowed by CantChange).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.DoesntExpire
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.DoesntExpire." If "tbl_Credential.DoesntExpire" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EncryptionType

Property Name	Value
Description:	Type of encryption that was used to generate the credentials.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.EncryptionType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	EncryptionType
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.EncryptionType." If "tbl_Credential.EncryptionType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@HackCount

Property Name	Value
Description:	This parameter is a stub until the admin team stops using it. It does nothing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsPrimary

Property Name	Value
Description:	A flag indicating whether this credential is mapped to the user NT/AD domain account and as such is designated as the 'primary' credential for the user. This column is not currently used, but is retained from Unity 4.x in case it is needed in the future.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.IsPrimary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.IsPrimary." If "tbl_Credential.IsPrimary" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Locked

Property Name	Value
Description:	Emulates a Boolean data type, which can have one of two values. Either 1 for true, or 0 for false.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@strCredentials

Property Name	Value
Description:	Alternate to @Credentials. If passed in, the text will be converted to binary and override the @Credentials parameter.
Notes:	This parameter is here as a convenience for clients that prefer to avoid varbinary types when using string-based credentials.
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	CredentialsString
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeChanged

Property Name	Value
Description:	This parameter is a stub until the admin team stops using it. It does nothing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeLastHack

Property Name	Value
Description:	This parameter is a stub until the admin team stops using it. It does nothing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeLockout

Property Name	Value
Description:	This parameter is a stub until the admin team stops using it. It does nothing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this credential belongs.
Notes:	This parameter must be provided. Otherwise, a new Credential is not created.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.UserId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.UserId." If "tbl_Credential.UserId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.56. csp_CredentialDelete

Deletes a user's Credential object from tbl_Credential as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CredentialType	In	inherit	int (4 bytes)	The type of credential such as password, PIN, Windows or Domino credential.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object to which this credential belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_CredentialDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@UserObjectId and @CredentialType) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause the Object Not Found exception to be thrown: 1. The Credential object for the specified User and CredentialType was not found. The names of the object (Credential), table (tbl_Credential), and columns (UserObjectId and CredentialType) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Credential), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CredentialType

Property Name	Value
Description:	The type of credential such as password, PIN, Windows or Domino credential.
Notes:	This parameter must be provided. Otherwise, the Credential is not deleted.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredentialType
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CredentialType
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredentialType." If "tbl_Credential.CredentialType" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	False

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this credential belongs.
Notes:	This parameter must be provided. Otherwise, the Credential is not deleted.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.UserObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.UserObjectId." If "tbl_Credential.UserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.57. csp_CredentialHistoryClear

Clears the credential history for a user.

Additional Information

The parameters @CredentialType and @UserObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CredentialType	In	inherit	int (4 bytes)	The type of credential (PIN, password) for which the history is cleared.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the user whose credential history is cleared.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_CredentialHistoryClear will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@CredentialType and @UserObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CredentialType

Property Name	Value
Description:	The type of credential (PIN, password) for which the history is cleared.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserCredentialHistory.CredentialType
Required/Optional Parameter:	Required

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CredentialType
Null Handling:	Inherit - inherit parameter value from "tbl_UserCredentialHistory.CredentialType." If "tbl_UserCredentialHistory.CredentialType" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UserObjectId

Property Name	Value
Description:	The unique identifier of the user whose credential history is cleared.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.58. csp_CredentialModify

Updates the attributes of a Credential object based on the values passed in via the parameters. The @CredentialType and @UserObjectId parameters identify the Credential object that is updated.

Additional Information

Normally a client passes in the credentials in binary. However, if necessary, a client can pass in the credentials as a string using the @strCredentials parameter. The text will be converted to binary and override the @Credentials parameter.

This stored procedure will check the credential for compliance with trivial password rules by calling csp_CredentialValidate. See csp_CredentialValidate for more information on trivial password checks. If the credential fails one of the criteria for trivial password rules, an exception is thrown with information about the criteria that was not met.

The credentials are stored using a SHA1 hash with salt. Although not recommended, a user can be created with a blank password. As the user must have a record in tbl_Credential to be authenticated, in the case of a blank password, the client should pass in a binary Unicode representation of an empty string (0x0000) via @Credentials or an empty string via @strCredentials.

The credential type cannot be modified via this stored procedure.

When a credential is modified, this procedure will automatically add a new row to tbl_UserCredentialHistory for the respective user. This is done by executing csp_private_UserCredentialHistoryCreate. One exception is if the credential is blank (i.e., blank password). In the case of a blank credential, the user's credential history is not updated.

Business Rules

Users with administrative privileges MUST have a non-blank credential. Reference Security FRD SFS-002JC.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CredentialType	In	inherit	int (4 bytes)	The type of credential such as password, PIN, Windows or Domino credential.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object to which this credential belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CantChange	In	inherit	smallint (2 bytes)	A flag indicating whether the user can set this credential.
Optional	@CredentialPolicyObjectId	In	inherit	char (36 characters)	The unique identifier of the CredentialPolicy object that is associated with this credential.
Optional	@Credentials	In	inherit	varchar (254 characters)	The PIN or password, for a user. The credentials are stored in an encrypted format.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@CredMustChange	In	inherit	smallint (2 bytes)	A flag indicating whether the user must change their credentials (PIN or password) at the next login.
Optional	@DoesntExpire	In	inherit	smallint (2 bytes)	A flag indicating whether this user credential will expire, and therefore the user must change the credential periodically. However, if the credential does not expire (value = "1"), the user still may change the credential (if allowed by CantChange).
Optional	@EncryptedCredentials	In	ignore	varchar (254 characters)	For passing in the credentials encrypted.
Optional	@EncryptionType	In	inherit	int (4 bytes)	Type of encryption that was used to generate the credentials.
Optional	@HackCount	In	inherit	int (4 bytes)	The number of logons attempted that failed due to invalid credentials. The Unity system or external authentication provider determined that the credentials supplied as part of a user logon attempt were invalid.
Optional	@Hacked	In	ignore	smallint (2 bytes)	Used to lockout a credential due to too many hacks.
Optional	@HashedCredential	In	ignore	varchar (254 characters)	If EncryptedCredential is in a reversible format, HashedCredential can be used for checking and setting history entries.
Optional	@IsPrimary	In	inherit	smallint (2 bytes)	A flag indicating whether this credential is mapped to the user NT/AD domain account and as such is designated as the 'primary' credential for the user. This column is not currently used, but is retained from Unity 4.x in case it is needed in the future.
Optional	@Locked	In	ignore	smallint (2 bytes)	Used to administratively lock or unlock the credential.
Optional	@strCredentials	In	explicit	nvarchar (128 characters)	Alternate to @Credentials. If passed in, the text will be converted to binary and override the @Credentials parameter.
Optional	@TimeChanged	In	ignore	datetime (8 bytes)	This parameter is a stub until the admin team stops using it. It does nothing.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TimeHacked	In	inherit	datetime (8 bytes)	The date and time that the credential was locked due to too many hacks. The date and time is recorded in this column whenever a user credential is locked due to too many hacks based on the credential policy.
Optional	@TimeLastHack	In	inherit	datetime (4 bytes)	The date and time of the last logon attempt with an invalid user credential.
Optional	@TimeLockout	In	inherit	datetime (8 bytes)	The date and time that the credential was locked by an administrator.

Exceptions

csp_CredentialModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@UserObjectId and @CredentialType) is NULL. The name of the missing parameter is included with the exception message.
1003	EXCEPTION_PARAMETER_INVALID	Either @Credentials or @strCredentials need to be passed-in.
1004	EXCEPTION_OBJECT_NOTFOUND	The Credential object for the specified User and CredentialType was not found. The names of the object (Credential), table (tbl_Credential), and columns (UserObjectId and CredentialType) are included with the exception message.
1027	EXCEPTION_CREDENTIAL_NUMERIC_CHECK_FAILED	The credential contained character other than digits. TUI credentials must contain only digits.
1030	EXCEPTION_NOT_AUTHORIZED	Returned if an attempt is made by a user to change the credentials for an admin without having the privilege required to change an admin password.
1119	EXCEPTION_CREDENTIAL_HISTORY_MATCH	The credential specified in @Credentials or @strCredentials for the credential type specified in @CredentialType matches a previous credential for the user specified by @UserObjectId. Based on the credential policy specified by @CredentialPolicyObject, this credential may not be reused.
1121	EXCEPTION_CREDENTIAL_MINLENGTH_CHECK_FAILED	The credential minimum length check failed.
1122	EXCEPTION_CREDENTIAL_REQUIRED_CHARACTER_S_CHECK_FAILED	The credential does not contain three of the four required character group types.
1123	EXCEPTION_CREDENTIAL_THREE_CONSECUTIVE_CHARACTERS_CHECK_FAILED	The credential consists of the same character repeated more than 3 times consecutively. For example, 2222.

Error #	Name	Description
1124	EXCEPTION_CREDENTIAL_ALIAS_CHECK_FAILED	The credential repeats or includes the user alias.
1125	EXCEPTION_CREDENTIAL_EXTENSION_CHECK_FAILED	The credential repeats or includes the user dtmfaccessid.
1126	EXCEPTION_CREDENTIAL_ASCENDING_CHARACTERS_CHECK_FAILED	The credential consists of ascending consecutive characters. For example, ABCDE.
1127	EXCEPTION_CREDENTIAL_DESCENDING_CHARACTERS_CHECK_FAILED	The credential consists of descending consecutive characters. For example, FEDCBA.
1130	EXCEPTION_CREDENTIAL_TWO_CONSECUTIVE_CHARACTERS_CHECK_FAILED	The credential consists of the same character repeated more than 2 times consecutively. For example, 222.
1131	EXCEPTION_CREDENTIAL_THREE_UNIQUE_DIGITS_CHECK_FAILED	The credential does not contain at least three unique digits.
1132	EXCEPTION_CREDENTIAL_FIRSTNAME_CHECK_FAILED	The credential is the same as the numeric representation of the user's first name.
1133	EXCEPTION_CREDENTIAL_LASTNAME_CHECK_FAILED	The credential is the same as the numeric representation of the user's last name.
1134	EXCEPTION_CREDENTIAL_DIGITGROUPS_CHECK_FAILED	The credential consists of groups of repeated digits.
1135	EXCEPTION_CREDENTIAL_KEYPAD_CHECK_FAILED	The credential consists of patterns that are dialed in a straight line on a keypad.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CantChange

Property Name	Value
Description:	A flag indicating whether the user can set this credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CantChange
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CantChange." If "tbl_Credential.CantChange" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@CredentialPolicyObjectId

Property Name	Value
Description:	The unique identifier of the CredentialPolicy object that is associated with this credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredentialPolicyObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredentialPolicyObjectId." If "tbl_Credential.CredentialPolicyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Credentials

Property Name	Value
Description:	The PIN or password, for a user. The credentials are stored in an encrypted format.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.Credentials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	Credentials
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.Credentials." If "tbl_Credential.Credentials" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CredentialType

Property Name	Value
Description:	The type of credential such as password, PIN, Windows or Domino credential.
Notes:	This parameter must be provided. Otherwise, the Credential is not modified. The CredentialType cannot be modified.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredentialType
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CredentialType
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredentialType." If "tbl_Credential.CredentialType" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	False

@CredMustChange

Property Name	Value
Description:	A flag indicating whether the user must change their credentials (PIN or password) at the next login.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredMustChange
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredMustChange." If "tbl_Credential.CredMustChange" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DoesntExpire

Property Name	Value
Description:	A flag indicating whether this user credential will expire, and therefore the user must change the credential periodically. However, if the credential does not expire (value = "1"), the user still may change the credential (if allowed by CantChange).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.DoesntExpire
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.DoesntExpire." If "tbl_Credential.DoesntExpire" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EncryptedCredentials

Property Name	Value
Description:	For passing in the credentials encrypted.
Notes:	This is mainly for importing users from Unity so we can bring over their password as a one way hash value.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.Credentials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	Credentials
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	False

@EncryptionType

Property Name	Value
Description:	Type of encryption that was used to generate the credentials.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.EncryptionType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	EncryptionType
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.EncryptionType." If "tbl_Credential.EncryptionType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@HackCount

Property Name	Value
Description:	The number of logons attempted that failed due to invalid credentials. The Unity system or external authentication provider determined that the credentials supplied as part of a user logon attempt were invalid.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.HackCount
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.HackCount." If "tbl_Credential.HackCount" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Hacked

Property Name	Value
Description:	Used to lockout a credential due to too many hacks.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@HashedCredential

Property Name	Value
Description:	If EncryptedCredential is in a reversible format, HashedCredential can be used for checking and setting history entries.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.Credentials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	Credentials
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	False

@IsPrimary

Property Name	Value
Description:	A flag indicating whether this credential is mapped to the user NT/AD domain account and as such is designated as the 'primary' credential for the user. This column is not currently used, but is retained from Unity 4.x in case it is needed in the future.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.IsPrimary
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.IsPrimary." If "tbl_Credential.IsPrimary" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Locked

Property Name	Value
Description:	Used to administratively lock or unlock the credential.
Notes:	
Business Rules:	Setting this to 0, will unlock the administrative lockout. It will also unlock a hack related lockout.
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@strCredentials

Property Name	Value
Description:	Alternate to @Credentials. If passed in, the text will be converted to binary and override the @Credentials parameter.
Notes:	This parameter is here as a convenience for clients that prefer to avoid varbinary types when using string-based credentials.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	CredentialsString

Property Name	Value
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeChanged

Property Name	Value
Description:	This parameter is a stub until the admin team stops using it. It does nothing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeHacked

Property Name	Value
Description:	The date and time that the credential was locked due to too many hacks. The date and time is recorded in this column whenever a user credential is locked due to too many hacks based on the credential policy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.TimeHacked
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.TimeHacked." If "tbl_Credential.TimeHacked" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@TimeLastHack

Property Name	Value
Description:	The date and time of the last logon attempt with an invalid user credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.TimeLastHack
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.TimeLastHack." If "tbl_Credential.TimeLastHack" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeLockout

Property Name	Value
Description:	The date and time that the credential was locked by an administrator.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.TimeLockout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.TimeLockout." If "tbl_Credential.TimeLockout" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this credential belongs.
Notes:	This parameter must be provided. Otherwise, the Credential is not modified.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.UserObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.UserObjectId." If "tbl_Credential.UserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.59. csp_CredentialModifyUser

Updates the Credentials of a Credential object based on the values passed in via the parameters. The @CredentialType and @UserObjectId parameters identify the Credential object that is updated.

Additional Information

This procedure is meant to be called by tools such as the PCA that allow users to modify their credentials.

If neither @Credential nor @strCredential is passed in, an error is NOT returned because apparently the CDL calls this proc quite often without a credential.

Business Rules

If the credential is successfully updated, CredMustChange is set to 0.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CredentialType	In	inherit	int (4 bytes)	The type of credential such as password, PIN, Windows or Domino credential.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object to which this credential belongs.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Credentials	In	inherit	varchar (254 characters)	The PIN or password, for a user. The credentials are stored in an encrypted format.
Optional	@strCredentials	In	explicit	nvarchar (128 characters)	Alternate to @Credentials. If passed in, the text will be converted to binary and override the @Credentials parameter.

Exceptions

csp_CredentialModifyUser will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@UserObjectId and @CredentialType) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Credentials

Property Name	Value
Description:	The PIN or password, for a user. The credentials are stored in an encrypted format.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.Credentials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	Credentials
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.Credentials." If "tbl_Credential.Credentials" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CredentialType

Property Name	Value
Description:	The type of credential such as password, PIN, Windows or Domino credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredentialType
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CredentialType
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredentialType." If "tbl_Credential.CredentialType" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@strCredentials

Property Name	Value
Description:	Alternate to @Credentials. If passed in, the text will be converted to binary and override the @Credentials parameter.
Notes:	This parameter is here as a convenience for clients that prefer to avoid varbinary types when using string-based credentials.

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	CredentialsString
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this credential belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.UserId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.UserId." If "tbl_Credential.UserId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.60. csp_CredentialPolicyCreate

Creates a new CredentialPolicy object by inserting a new row into tbl_CredentialPolicy. A CredentialPolicy object consists of system-wide credential restriction settings for a specific credentials type and a lockout policy that applies when users access Cisco Unity Connection.

Additional Information

The parameter @DisplayName must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name (e.g., "Administrator Password Policy") of the credential policy to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ExpiryWarningDays	In	inherit	int (4 bytes)	The number of days prior to the expiration of a credential when Cisco Unity Connection begins prompting a user to change their credential upon logon, until the change is made.
Optional	@HackResetTime	In	inherit	smallint (2 bytes)	The length of time (in minutes) after which if no failed logon attempts occur, the count of failed logon attempts is cleared.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this credential policy belongs.
Optional	@LockoutDuration	In	inherit	smallint (2 bytes)	The length of time (in minutes) that a user who is locked out must wait until they can attempt to access the system again with this credential.
Optional	@MaxDays	In	inherit	smallint (2 bytes)	The maximum number of days before the credential must be changed.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MaxHacks	In	inherit	smallint (2 bytes)	The maximum number of failed logon attempts (hacks) before action is taken.
Optional	@MinDuration	In	inherit	int (4 bytes)	The minimum number of minutes that must pass from the time of the last change before the credential can be changed.
Optional	@MinLength	In	inherit	smallint (2 bytes)	The minimum number of characters or digits (PIN) required for the credential.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CredentialPolicy object.
Optional	@PrevCredCount	In	inherit	smallint (2 bytes)	The number of credentials to store.
Optional	@TrivialCredChecking	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should check against trivial credentials for extra security.

Exceptions

csp_CredentialPolicyCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The primary LocationVMS object was not found. The names of the object (Default location), table (tbl_LocationVMS), and column (IsPrimary) are included with the exception message. 2. A valid location object is not found. The names of the missing object (Location), table (tbl_Location), and the column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Administrator Password Policy") of the credential policy to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	This parameter must be provided. Otherwise, a new CredentialPolicy is not created.

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.DisplayName." If "tbl_CredentialPolicy.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ExpiryWarningDays

Property Name	Value
Description:	The number of days prior to the expiration of a credential when Cisco Unity Connection begins prompting a user to change their credential upon logon, until the change is made.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.ExpiryWarningDays
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.ExpiryWarningDays." If "tbl_CredentialPolicy.ExpiryWarningDays" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@HackResetTime

Property Name	Value
Description:	The length of time (in minutes) after which if no failed logon attempts occur, the count of failed logon attempts is cleared.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.HackResetTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.HackResetTime." If "tbl_CredentialPolicy.HackResetTime" can be NULL, then explicit NULL is allowed.
Default Value:	30
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this credential policy belongs.
Notes:	If @LocationObjectId is not passed in or contains NULL, the location will be set to the default location (LocationVMS object with IsPrimary=1). Otherwise the LocationObjectId is set to the value contained in @LocationObjectId.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.LocationObjectId." If "tbl_CredentialPolicy.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LockoutDuration

Property Name	Value
Description:	The length of time (in minutes) that a user who is locked out must wait until they can attempt to access the system again with this credential.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.LockoutDuration
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.LockoutDuration." If "tbl_CredentialPolicy.LockoutDuration" can be NULL, then explicit NULL is allowed.
Default Value:	30
Direction:	In
Update Column Value From Parameter:	True

@MaxDays

Property Name	Value
Description:	The maximum number of days before the credential must be changed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.MaxDays
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.MaxDays." If "tbl_CredentialPolicy.MaxDays" can be NULL, then explicit NULL is allowed.
Default Value:	180
Direction:	In
Update Column Value From Parameter:	True

@MaxHacks

Property Name	Value
Description:	The maximum number of failed logon attempts (hacks) before action is taken.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.MaxHacks
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.MaxHacks." If "tbl_CredentialPolicy.MaxHacks" can be NULL, then explicit NULL is allowed.
Default Value:	3
Direction:	In
Update Column Value From Parameter:	True

@MinDuration

Property Name	Value
Description:	The minimum number of minutes that must pass from the time of the last change before the credential can be changed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.MinDuration
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.MinDuration." If "tbl_CredentialPolicy.MinDuration" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MinLength

Property Name	Value
Description:	The minimum number of characters or digits (PIN) required for the credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.MinLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.MinLength." If "tbl_CredentialPolicy.MinLength" can be NULL, then explicit NULL is allowed.
Default Value:	8
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CredentialPolicy object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.ObjectId." If "tbl_CredentialPolicy.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@PrevCredCount

Property Name	Value
Description:	The number of credentials to store.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.PrevCredCount
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.PrevCredCount." If "tbl_CredentialPolicy.PrevCredCount" can be NULL, then explicit NULL is allowed.
Default Value:	12

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@TrivialCredChecking

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should check against trivial credentials for extra security.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.TrivialCredChecking
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.TrivialCredChecking." If "tbl_CredentialPolicy.TrivialCredChecking" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

6.61. csp_CredentialPolicyDelete

Deletes a CredentialPolicy object from tbl_CredentialPolicy as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CredentialPolicy object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_CredentialPolicyDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified CredentialPolicy object was not found. The names of the object (CredentialPolicy), table (tbl_CredentialPolicy), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_CredentialPolicy), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CredentialPolicy object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.ObjectId." If "tbl_CredentialPolicy.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.62. csp_CredentialPolicyModify

Updates the attributes of a CredentialPolicy object based on the values passed in via the parameters. The @ObjectId parameter identifies the CredentialPolicy object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a CredentialPolicy object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name (e.g., "Administrator Password Policy") of the credential policy to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@ExpiryWarningDays	In	inherit	int (4 bytes)	The number of days prior to the expiration of a credential when Cisco Unity Connection begins prompting a user to change their credential upon logon, until the change is made.
Optional	@HackResetTime	In	inherit	smallint (2 bytes)	The length of time (in minutes) after which if no failed logon attempts occur, the count of failed logon attempts is cleared.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this credential policy belongs.
Optional	@LockoutDuration	In	inherit	smallint (2 bytes)	The length of time (in minutes) that a user who is locked out must wait until they can attempt to access the system again with this credential.
Optional	@MaxDays	In	inherit	smallint (2 bytes)	The maximum number of days before the credential must be changed.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MaxHacks	In	inherit	smallint (2 bytes)	The maximum number of failed logon attempts (hacks) before action is taken.
Optional	@MinDuration	In	inherit	int (4 bytes)	The minimum number of minutes that must pass from the time of the last change before the credential can be changed.
Optional	@MinLength	In	inherit	smallint (2 bytes)	The minimum number of characters or digits (PIN) required for the credential.
Optional	@PrevCredCount	In	inherit	smallint (2 bytes)	The number of credentials to store.
Optional	@TrivialCredChecking	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should check against trivial credentials for extra security.

Exceptions

csp_CredentialPolicyModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified CredentialPolicy object was not found. The names of the object (CredentialPolicy), table (tbl_CredentialPolicy), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Administrator Password Policy") of the credential policy to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.DisplayName." If "tbl_CredentialPolicy.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ExpiryWarningDays

Property Name	Value
Description:	The number of days prior to the expiration of a credential when Cisco Unity Connection begins prompting a user to change their credential upon logon, until the change is made.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.ExpiryWarningDays
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.ExpiryWarningDays." If "tbl_CredentialPolicy.ExpiryWarningDays" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@HackResetTime

Property Name	Value
Description:	The length of time (in minutes) after which if no failed logon attempts occur, the count of failed logon attempts is cleared.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.HackResetTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.HackResetTime." If "tbl_CredentialPolicy.HackResetTime" can be NULL, then explicit NULL is allowed.
Default Value:	30
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this credential policy belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.LocationObjectId." If "tbl_CredentialPolicy.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LockoutDuration

Property Name	Value
Description:	The length of time (in minutes) that a user who is locked out must wait until they can attempt to access the system again with this credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.LockoutDuration
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.LockoutDuration." If "tbl_CredentialPolicy.LockoutDuration" can be NULL, then explicit NULL is allowed.
Default Value:	30
Direction:	In
Update Column Value From Parameter:	True

@MaxDays

Property Name	Value
Description:	The maximum number of days before the credential must be changed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.MaxDays
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.MaxDays." If "tbl_CredentialPolicy.MaxDays" can be NULL, then explicit NULL is allowed.
Default Value:	180
Direction:	In
Update Column Value From Parameter:	True

@MaxHacks

Property Name	Value
Description:	The maximum number of failed logon attempts (hacks) before action is taken.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.MaxHacks
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.MaxHacks." If "tbl_CredentialPolicy.MaxHacks" can be NULL, then explicit NULL is allowed.
Default Value:	3

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@MinDuration

Property Name	Value
Description:	The minimum number of minutes that must pass from the time of the last change before the credential can be changed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.MinDuration
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.MinDuration." If "tbl_CredentialPolicy.MinDuration" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MinLength

Property Name	Value
Description:	The minimum number of characters or digits (PIN) required for the credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.MinLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.MinLength." If "tbl_CredentialPolicy.MinLength" can be NULL, then explicit NULL is allowed.
Default Value:	8
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a CredentialPolicy object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.ObjectId." If "tbl_CredentialPolicy.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@PrevCredCount

Property Name	Value
Description:	The number of credentials to store.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.PrevCredCount
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.PrevCredCount." If "tbl_CredentialPolicy.PrevCredCount" can be NULL, then explicit NULL is allowed.
Default Value:	12
Direction:	In
Update Column Value From Parameter:	True

@TrivialCredChecking

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should check against trivial credentials for extra security.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CredentialPolicy.TrivialCredChecking
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_CredentialPolicy.TrivialCredChecking." If "tbl_CredentialPolicy.TrivialCredChecking" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

6.63. csp_CredentialUserCanModifyCheck

Determines whether a user can modify his/her credential.

Additional Information

The parameters @CredentialType and @UserObjectId must be provided.

If the credential cannot be changed because the CantChange attribute is true, this procedure throws the exception CREDENTIAL_CANTCHANGE.

If the credential cannot be changed because the minimum duration between credential changes as specified by MinDuration has not yet elapsed, this procedure throws the exception CREDENTIAL_MINDURATION_NOT_ELAPSED.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CredentialType	In	inherit	int (4 bytes)	The type of credential such as password, PIN, Windows or Domino credential.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object to which this credential belongs.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_CredentialUserCanModifyCheck will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@UserObjectId and @CredentialType) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Credential object was not found. The names of the object (Credential), table (tbl_Credential), and columns (UserObjectId and CredentialType) are included with the exception message.
1138	EXCEPTION_CREDENTIAL_CANTCHANGE	The user cannot change the credential because the attribute CantChange is true.

Error #	Name	Description
1139	EXCEPTION_CREDENTIAL_MINIDURATION_NOT_ELAPSED	The user cannot change the credential because the minimum duration between credential changes has not elapsed.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@CredentialType

Property Name	Value
Description:	The type of credential such as password, PIN, Windows or Domino credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredentialType
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CredentialType
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredentialType." If "tbl_Credential.CredentialType" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this credential belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.UserId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.UserId." If "tbl_Credential.UserId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.64. csp_CredentialUserMustModifyCheck

Determines whether or not a user must modify his/her credential.

Additional Information

The parameters @CredentialType and @UserObjectId must be provided.

If the credential has expired or CredMustChange is set, a value greater than 0 is returned in @Result. The credential will not expire if either DoesntExpire is 1 or MaxDays in the credential policy is 0.

If the credential policy indicates that the credential will never expire or the credential cannot expire due to Doesntexpire=1, @ExpirationDays is set to 999. Ideally this would get set to -1, but that would require changes to clients.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CredentialType	In	inherit	int (4 bytes)	The type of credential such as password, PIN, Windows or Domino credential.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object to which this credential belongs.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ExpirationDays	Out	ignore	int (4 bytes)	Indicates the number of days after which the credential will expire.
Optional	@Result	Out	ignore	int (4 bytes)	Indicated whether or not the credential needs to change.

Exceptions

csp_CredentialUserMustModifyCheck will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@UserObjectId and @CredentialType) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Credential object was not found. The names of the object (Credential), table (tbl_Credential), and columns (UserObjectId and CredentialType) are included with the exception message.
1137	EXCEPTION_AUTHENTICATION_CREDENTIAL_EXPIRED	The user was authenticated, but the credential has expired and must be changed.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)

Property Name	Value
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CredentialType

Property Name	Value
Description:	The type of credential such as password, PIN, Windows or Domino credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredentialType
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CredentialType
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredentialType." If "tbl_Credential.CredentialType" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@ExpirationDays

Property Name	Value
Description:	Indicates the number of days after which the credential will expire.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@Result

Property Name	Value
Description:	Indicated whether or not the credential needs to change.
Notes:	
Business Rules:	A non-zero value indicates that the credential needs to change.
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this credential belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.UserId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.UserId." If "tbl_Credential.UserId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.65. csp_CredentialValidate

Performs credential validation so that a client may test to see if a credential is valid before attempting to set it.

Additional Information

This stored procedure performs checks to ensure that the credentials meet the criteria defined by the CredentialPolicy assigned to this user. This procedure performs the following checks on the credentials:

- * The minimum length of the credential
- * The history for a duplicate
- * Trivial credential - password/PIN complexity (e.g., the credential does not repeat any character more than twice, a PIN shall not contain the user's DtmfAccessId, etc.)

If the credential fails one of the criteria for trivial password rules, an exception is thrown with information about the criteria that was not met.

If the credential length is zero, no validation is performed.

Auditing is turned off for this stored procedure.

Business Rules

Raise an exception if the validation fails.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CredentialPolicyObjectId	In	inherit	char (36 characters)	The unique identifier of the CredentialPolicy object that is associated with this credential.
Required	@CredentialType	In	inherit	int (4 bytes)	The type of credential such as password, PIN, Windows or Domino credential.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object to which this credential belongs.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Credentials	In	inherit	varchar (254 characters)	The PIN or password, for a user. The credentials are stored in an encrypted format.
Optional	@strCredentials	In	explicit	nvarchar (128 characters)	Alternate to @Credentials. If passed in, the text will be converted to binary and override the @Credentials parameter.

Exceptions

csp_CredentialValidate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@UserObjectId and @CredentialType) is NULL. The name of the missing parameter is included with the exception message.
1003	EXCEPTION_PARAMETER_INVALID	Either @Credentials or @strCredentials need to be passed-in.
1027	EXCEPTION_CREDENTIAL_NUMERIC_CHECK_FAILED	The credential contained character other than digits. TUI credentials must contain only digits.
1119	EXCEPTION_CREDENTIAL_HISTORY_MATCH	The credential specified in @Credentials or @strCredentials for the credential type specified in @CredentialType matches a previous credential for the user specified by @UserObjectId. Based on the credential policy specified by @CredentialPolicyObject, this credential may not be reused.
1121	EXCEPTION_CREDENTIAL_MINLENGTH_CHECK_FAILED	The credential minimum length check failed.
1122	EXCEPTION_CREDENTIAL_REQUIRED_CHARACTER_S_CHECK_FAILED	The credential does not contain three of the four required character group types.
1123	EXCEPTION_CREDENTIAL_THREE_CONSECUTIVE_CHARACTERS_CHECK_FAILED	The credential consists of the same character repeated more than 3 times consecutively. For example, 2222.
1124	EXCEPTION_CREDENTIAL_ALIAS_CHECK_FAILED	The credential repeats or includes the user alias.
1125	EXCEPTION_CREDENTIAL_EXTENSION_CHECK_FAILED	The credential repeats or includes the user dtmfaccessid.
1126	EXCEPTION_CREDENTIAL_ASCENDING_CHARACTERS_CHECK_FAILED	The credential consists of ascending consecutive characters. For example, ABCDE.
1127	EXCEPTION_CREDENTIAL_DESCENDING_CHARACTERS_CHECK_FAILED	The credential consists of descending consecutive characters. For example, FEDCBA.
1130	EXCEPTION_CREDENTIAL_TWO_CONSECUTIVE_CHARACTERS_CHECK_FAILED	The credential consists of the same character repeated more than 2 times consecutively. For example, 222.
1131	EXCEPTION_CREDENTIAL_THREE_UNIQUE_DIGITS_CHECK_FAILED	The credential does not contain at least three unique digits.
1132	EXCEPTION_CREDENTIAL_FIRSTNAME_CHECK_FAILED	The credential is the same as the numeric representation of the user's first name.
1133	EXCEPTION_CREDENTIAL_LASTNAME_CHECK_FAILED	The credential is the same as the numeric representation of the user's last name.

Error #	Name	Description
1134	EXCEPTION_CREDENTIAL_DIGITGROUPS_CHECK_FAILED	The credential consists of groups of repeated digits.
1135	EXCEPTION_CREDENTIAL_KEYPAD_CHECK_FAILED	The credential consists of patterns that are dialed in a straight line on a keypad.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent

Property Name	Value
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CredentialPolicyObjectId

Property Name	Value
Description:	The unique identifier of the CredentialPolicy object that is associated with this credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredentialPolicyObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredentialPolicyObjectId." If "tbl_Credential.CredentialPolicyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Credentials

Property Name	Value
Description:	The PIN or password, for a user. The credentials are stored in an encrypted format.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.Credentials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	Credentials
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.Credentials." If "tbl_Credential.Credentials" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@CredentialType

Property Name	Value
Description:	The type of credential such as password, PIN, Windows or Domino credential.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.CredentialType
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CredentialType
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.CredentialType." If "tbl_Credential.CredentialType" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	False

@strCredentials

Property Name	Value
Description:	Alternate to @Credentials. If passed in, the text will be converted to binary and override the @Credentials parameter.
Notes:	This parameter is here as a convenience for clients that prefer to avoid varbinary types when using string-based credentials.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	CredentialsString
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this credential belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Credential.UserId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Credential.UserId." If "tbl_Credential.UserId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.66. csp_DirectoryHandlerCreate

Creates a new DirectoryHandler object by inserting a new row into tbl_DirectoryHandler. This procedure also creates several other objects:

- * The call actions for Exit, No Input, No Selection and Zero conditions by inserting a new row into tbl_CallAction for each condition.
- * A new handler by inserting a new row into tbl_Handler
- * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId
- * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.

Additional Information

The parameter @DisplayName must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@AutoRoute	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will automatically route a call to the extension assigned to the subscriber on a unique match without prompting the caller to verify the match; or to present a list of matches, even if only one, and prompt the user to verify the match.
Optional	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Optional	@EndDialDelay	In	inherit	smallint (2 bytes)	The amount of time (in seconds) that Cisco Unity Connection waits after caller input before performing the action indicated by the input.
Optional	@Exit_Action	In	ignore	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Exit_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@Exit_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@Language	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this handler belongs.
Optional	@MaxMatches	In	inherit	smallint (2 bytes)	The number of matches, that if exceeded, will result in Cisco Unity Connection prompting the caller to dial more letters.
Optional	@MenuStyle	In	inherit	smallint (2 bytes)	A flag indicating how Cisco Unity Connection presents directory matches to callers - either in "menu choice" or "extension list" format.
Optional	@NoInput_Action	In	ignore	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@NoInput_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@NoInput_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@NoSelection_Action	In	ignore	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@NoSelection_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@NoSelection_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Optional	@PlayAllNames	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the names of subscribers in the directory for caller selection, rather than requiring the caller to search by spelled name.
Optional	@SayExtension	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection provides a menu of subscriber names including extensions, or just subscriber names.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ScopeObjectCosObjec tId	In	inherit	char (36 characters)	The unique identifier of the COS which acts as the filter for the directory handler.
Optional	@ScopeObjectDistributi onListObjectId	In	inherit	char (36 characters)	The unique identifier of the distribution list which acts as the filter for the directory handler.
Optional	@ScopeObjectLocation ObjectId	In	inherit	char (36 characters)	The unique identifier of the location which acts as the filter for the directory handler.
Optional	@SearchByFirstName	In	inherit	smallint (2 bytes)	A flag indicating whether a directory handler searches for subscribers by using first name first, or last name first.
Optional	@SearchScope	In	inherit	smallint (2 bytes)	The scope of the directory that Cisco Unity Connection will search.
Optional	@SearchScopeObjectId	In	ignore	char (36 characters)	Identifier of the object to use for scoping.
Optional	@StartDialDelay	In	inherit	smallint (2 bytes)	The amount of time (in seconds) that Cisco Unity Connection waits for the caller to start dialing. Time to wait for caller to start dialing in seconds. This is controlled on the SA's Caller Input 'timeout if no input in seconds' setting.
Optional	@Tries	In	inherit	smallint (2 bytes)	The number of times Cisco Unity Connection will reprompt the caller for input, e.g. dial name.
Optional	@Undeletable	In	inherit	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseCallLanguage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the directory handler inherit language from location.
Optional	@UseStarToExit	In	inherit	smallint (2 bytes)	A flag indicating the key on the phone to use for "exit the directory." This controls whether the directory handler uses star ("*") to exit (like the rest of the conversation) or pound/hash("#") to exit.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@VoiceEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether the directory handler will use voice based addressing rather than touchtones.
Optional	@VoiceName	In	ignore	varchar (40 characters)	Voice file to use for this directory handler (if voice name has already been recorded).
Optional	@Zero_Action	In	ignore	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@Zero_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@Zero_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.

Exceptions

csp_DirectoryHandlerCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. A default location object was not found. The names of the object (Default location), table (tbl_LocationVMS), and column (IsPrimary) are included with the exception message. 2. The specified Location object was not found. The names of the object (Location), table (tbl_Location), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	

Property Name	Value
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AutoRoute

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will automatically route a call to the extension assigned to the subscriber on a unique match without prompting the caller to verify the match; or to present a list of matches, even if only one, and prompt the user to verify the match.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.AutoRoute

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.AutoRoute." If "tbl_DirectoryHandler.AutoRoute" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.DisplayName." If "tbl_Handler.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)

Property Name	Value
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EndDialDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits after caller input before performing the action indicated by the input.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.EndDialDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.EndDialDelay." If "tbl_DirectoryHandler.EndDialDelay" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Exit_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	Must default to NULL since default value of 'Take Message' for tbl_CallAction.Action is not the default value we want for this action.
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Language." If "tbl_Handler.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.LocationObjectId." If "tbl_Handler.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxMatches

Property Name	Value
Description:	The number of matches, that if exceeded, will result in Cisco Unity Connection prompting the caller to dial more letters.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.MaxMatches
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.MaxMatches." If "tbl_DirectoryHandler.MaxMatches" can be NULL, then explicit NULL is allowed.
Default Value:	8
Direction:	In
Update Column Value From Parameter:	True

@MenuStyle

Property Name	Value
Description:	A flag indicating how Cisco Unity Connection presents directory matches to callers - either in "menu choice" or "extension list" format.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.MenuStyle
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.MenuStyle." If "tbl_DirectoryHandler.MenuStyle" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@NoInput_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	Must default to NULL since default value of 'Take Message' for tbl_CallAction.Action is not the default value we want for this action.
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@NoInput_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@NoInput_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@NoSelection_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	Must default to NULL since default value of 'Take Message' for tbl_CallAction.Action is not the default value we want for this action.
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@NoSelection_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@NoSelection_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.ObjectId." If "tbl_Handler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out

Property Name	Value
Update Column Value From Parameter:	False

@PlayAllNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the names of subscribers in the directory for caller selection, rather than requiring the caller to search by spelled name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.PlayAllNames
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.PlayAllNames." If "tbl_DirectoryHandler.PlayAllNames" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection provides a menu of subscriber names including extensions, or just subscriber names.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.SayExtension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.SayExtension." If "tbl_DirectoryHandler.SayExtension" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@ScopeObjectCosObjectId

Property Name	Value
Description:	The unique identifier of the COS which acts as the filter for the directory handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.ScopeObjectCosObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.ScopeObjectCosObjectId." If "tbl_DirectoryHandler.ScopeObjectCosObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ScopeObjectDistributionListObjectId

Property Name	Value
Description:	The unique identifier of the distribution list which acts as the filter for the directory handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.ScopeObjectDistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.ScopeObjectDistributionListObjectId." If "tbl_DirectoryHandler.ScopeObjectDistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@ScopeObjectLocationObjectId

Property Name	Value
Description:	The unique identifier of the location which acts as the filter for the directory handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.ScopeObjectLocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.ScopeObjectLocationObjectId." If "tbl_DirectoryHandler.ScopeObjectLocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SearchByFirstName

Property Name	Value
Description:	A flag indicating whether a directory handler searches for subscribers by using first name first, or last name first.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.SearchByFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.SearchByFirstName." If "tbl_DirectoryHandler.SearchByFirstName" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SearchScope

Property Name	Value
Description:	The scope of the directory that Cisco Unity Connection will search.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.SearchScope
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SearchScope
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.SearchScope." If "tbl_DirectoryHandler.SearchScope" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SearchScopeObjectId

Property Name	Value
Description:	Identifier of the object to use for scoping.
Notes:	This is for backwards compatibility - using one of the individual object ids is preferred (ScopeObjectCosObjectId, ScopeObjectDistributionListObjectId, ScopeObjectLocationObjectId)
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@StartDialDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits for the caller to start dialing. Time to wait for caller to start dialing in seconds. This is controlled on the SA's Caller Input 'timeout if no input in seconds' setting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.StartDialDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.StartDialDelay." If "tbl_DirectoryHandler.StartDialDelay" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@Tries

Property Name	Value
Description:	The number of times Cisco Unity Connection will reprompt the caller for input, e.g. dial name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.Tries
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.Tries." If "tbl_DirectoryHandler.Tries" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Undeletable." If "tbl_Handler.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.UseCallLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.UseCallLanguage." If "tbl_Handler.UseCallLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the directory handler inherit language from location.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseStarToExit

Property Name	Value
Description:	A flag indicating the key on the phone to use for "exit the directory." This controls whether the directory handler uses star ("*") to exit (like the rest of the conversation) or pound/hash("#") to exit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.UseStarToExit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.UseStarToExit." If "tbl_DirectoryHandler.UseStarToExit" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@VoiceEnabled

Property Name	Value
Description:	A flag indicating whether the directory handler will use voice based addressing rather than touchtones.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_DirectoryHandler.VoiceEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.VoiceEnabled." If "tbl_DirectoryHandler.VoiceEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for this directory handler (if voice name has already been recorded).
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Zero_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	Must default to NULL since default value of 'Take Message' for tbl_CallAction.Action is not the default value we want for this action.
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Zero_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Zero_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.67. csp_DirectoryHandlerDelete

Deletes a DirectoryHandler object from tbl_DirectoryHandler as specified by the @ObjectId parameter. This procedure also deletes several objects related to a DistributionList object:

- * The base Handler object in tbl_Handler.
- * Each of the four CallAction objects in tbl_CallAction related to this DirectoryHandler.
- * If there is an extension number assigned to the DirectoryHandler, the related DtmfAccessId object is deleted from tbl_DtmfAccessId.
- * If the DirectoryHandler has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.

Additional Information

An optional parameter is the @ReplacementDirectoryHandler. If passed in, any references to this directory handler will be replaced by this directory handler.

A check is made on the undeletable attribute. If it is set, the procedure will not allow the deletion of the directory handler.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ReplacementDirectoryHandlerObjectId	In	ignore	char (36 characters)	Any references to this directory handler will be replaced by this handler.

Exceptions

csp_DirectoryHandlerDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified DirectoryHandler object was not found. The names of the object (Directory handler), table (tbl_Handler), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Handler), and the column (----) are included with the exception message. The active transaction is rolled back.
1016	EXCEPTION_OBJECT_UNDELETABLE	The DirectoryHandler specified by @ObjectId cannot be deleted because it's Undeletable attribute is set. The names of the object (Directory handler) and table (tbl_Handler),are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.ObjectId." If "tbl_Handler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ReplacementDirectoryHandlerObjectId

Property Name	Value
Description:	Any references to this directory handler will be replaced by this handler.
Notes:	Options. Defaults to opening greeting.
Business Rules:	
Developer Notes:	
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.68. csp_DirectoryHandlerModify

Updates the attributes of a DirectoryHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the DirectoryHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in.

Additional Information

If @VoiceName is passed in and contains a value other than the 'special default' :

- * If the DirectoryHandler does not already have a VoiceName, a new StreamFile object is created.
- * If the DirectoryHandler already has a VoiceName, the value of the VoiceName is updated.
- * If @VoiceName is set to NULL and the DirectoryHandler has an existing VoiceName, the existing StreamFile object belonging to the specified DirectoryHandler is deleted.

If the Undeletable flag is set for this object in the database, it will remain set. Once an object is set to undeletable it should stay that way.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@AutoRoute	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will automatically route a call to the extension assigned to the subscriber on a unique match without prompting the caller to verify the match; or to present a list of matches, even if only one, and prompt the user to verify the match.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Optional	@DtmfAccessId	In	explicit	nvarchar (40 characters)	The dialable number.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@EndDialDelay	In	inherit	smallint (2 bytes)	The amount of time (in seconds) that Cisco Unity Connection waits after caller input before performing the action indicated by the input.
Optional	@Exit_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@Exit_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@Exit_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@Language	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this handler belongs.
Optional	@MaxMatches	In	inherit	smallint (2 bytes)	The number of matches, that if exceeded, will result in Cisco Unity Connection prompting the caller to dial more letters.
Optional	@MenuStyle	In	inherit	smallint (2 bytes)	A flag indicating how Cisco Unity Connection presents directory matches to callers - either in "menu choice" or "extension list" format.
Optional	@NoInput_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@NoInput_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@NoInput_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@NoSelection_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@NoSelection_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@NoSelection_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@PlayAllNames	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the names of subscribers in the directory for caller selection, rather than requiring the caller to search by spelled name.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SayExtension	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection provides a menu of subscriber names including extensions, or just subscriber names.
Optional	@ScopeObjectCosObjectId	In	inherit	char (36 characters)	The unique identifier of the COS which acts as the filter for the directory handler.
Optional	@ScopeObjectDistributionListObjectId	In	inherit	char (36 characters)	The unique identifier of the distribution list which acts as the filter for the directory handler.
Optional	@ScopeObjectLocationObjectId	In	inherit	char (36 characters)	The unique identifier of the location which acts as the filter for the directory handler.
Optional	@SearchByFirstName	In	inherit	smallint (2 bytes)	A flag indicating whether a directory handler searches for subscribers by using first name first, or last name first.
Optional	@SearchScope	In	inherit	smallint (2 bytes)	The scope of the directory that Cisco Unity Connection will search.
Optional	@SearchScopeObjectId	In	ignore	char (36 characters)	Identifier of the object to use for scoping.
Optional	@StartDialDelay	In	inherit	smallint (2 bytes)	The amount of time (in seconds) that Cisco Unity Connection waits for the caller to start dialing. Time to wait for caller to start dialing in seconds. This is controlled on the SA's Caller Input 'timeout if no input in seconds' setting.
Optional	@Tries	In	inherit	smallint (2 bytes)	The number of times Cisco Unity Connection will reprompt the caller for input, e.g. dial name.
Optional	@Undeletable	In	inherit	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseCallLanguage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the directory handler inherit language from location.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@UseStarToExit	In	inherit	smallint (2 bytes)	A flag indicating the key on the phone to use for "exit the directory." This controls whether the directory handler uses star ("*") to exit (like the rest of the conversation) or pound/hash("#") to exit.
Optional	@VoiceEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether the directory handler will use voice based addressing rather than touchtones.
Optional	@VoiceName	In	explicit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Optional	@Zero_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@Zero_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@Zero_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.

Exceptions

csp_DirectoryHandlerModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified DirectoryHandler object was not found. The names of the object (Directory handler), table (tbl_DirectoryHandler), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AutoRoute

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will automatically route a call to the extension assigned to the subscriber on a unique match without prompting the caller to verify the match; or to present a list of matches, even if only one, and prompt the user to verify the match.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_DirectoryHandler.AutoRoute
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.AutoRoute." If "tbl_DirectoryHandler.AutoRoute" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.DisplayName." If "tbl_Handler.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EndDialDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits after caller input before performing the action indicated by the input.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.EndDialDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.EndDialDelay." If "tbl_DirectoryHandler.EndDialDelay" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Exit_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Language." If "tbl_Handler.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.LocationObjectId." If "tbl_Handler.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxMatches

Property Name	Value
Description:	The number of matches, that if exceeded, will result in Cisco Unity Connection prompting the caller to dial more letters.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.MaxMatches
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.MaxMatches." If "tbl_DirectoryHandler.MaxMatches" can be NULL, then explicit NULL is allowed.
Default Value:	8
Direction:	In
Update Column Value From Parameter:	True

@MenuStyle

Property Name	Value
Description:	A flag indicating how Cisco Unity Connection presents directory matches to callers - either in "menu choice" or "extension list" format.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.MenuStyle
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.MenuStyle." If "tbl_DirectoryHandler.MenuStyle" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@NoInput_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@NoInput_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@NoInput_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@NoSelection_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@NoSelection_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@NoSelection_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.ObjectId." If "tbl_Handler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@PlayAllNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the names of subscribers in the directory for caller selection, rather than requiring the caller to search by spelled name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.PlayAllNames
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.PlayAllNames." If "tbl_DirectoryHandler.PlayAllNames" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection provides a menu of subscriber names including extensions, or just subscriber names.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.SayExtension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.SayExtension." If "tbl_DirectoryHandler.SayExtension" can be NULL, then explicit NULL is allowed.
Default Value:	1

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@ScopeObjectCosObjectId

Property Name	Value
Description:	The unique identifier of the COS which acts as the filter for the directory handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.ScopeObjectCosObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.ScopeObjectCosObjectId." If "tbl_DirectoryHandler.ScopeObjectCosObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ScopeObjectDistributionListObjectId

Property Name	Value
Description:	The unique identifier of the distribution list which acts as the filter for the directory handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.ScopeObjectDistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.ScopeObjectDistributionListObjectId." If "tbl_DirectoryHandler.ScopeObjectDistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@ScopeObjectLocationObjectId

Property Name	Value
Description:	The unique identifier of the location which acts as the filter for the directory handler.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.ScopeObjectLocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.ScopeObjectLocationObjectId." If "tbl_DirectoryHandler.ScopeObjectLocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SearchByFirstName

Property Name	Value
Description:	A flag indicating whether a directory handler searches for subscribers by using first name first, or last name first.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.SearchByFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.SearchByFirstName." If "tbl_DirectoryHandler.SearchByFirstName" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@SearchScope

Property Name	Value
Description:	The scope of the directory that Cisco Unity Connection will search.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.SearchScope
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SearchScope
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.SearchScope." If "tbl_DirectoryHandler.SearchScope" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SearchScopeObjectId

Property Name	Value
Description:	Identifier of the object to use for scoping.
Notes:	This is for backwards compatibility - using one of the individual object ids is preferred (ScopeObjectCosObjectId, ScopeObjectDistributionListObjectId, ScopeObjectLocationObjectId)
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@StartDialDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits for the caller to start dialing. Time to wait for caller to start dialing in seconds. This is controlled on the SA's Caller Input 'timeout if no input in seconds' setting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.StartDialDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.StartDialDelay." If "tbl_DirectoryHandler.StartDialDelay" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@Tries

Property Name	Value
Description:	The number of times Cisco Unity Connection will reprompt the caller for input, e.g. dial name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.Tries
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.Tries." If "tbl_DirectoryHandler.Tries" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Undeletable." If "tbl_Handler.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.UseCallLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.UseCallLanguage." If "tbl_Handler.UseCallLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the directory handler inherit language from location.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseStarToExit

Property Name	Value
Description:	A flag indicating the key on the phone to use for "exit the directory." This controls whether the directory handler uses star ("*") to exit (like the rest of the conversation) or pound/hash("#") to exit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DirectoryHandler.UseStarToExit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.UseStarToExit." If "tbl_DirectoryHandler.UseStarToExit" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@VoiceEnabled

Property Name	Value
Description:	A flag indicating whether the directory handler will use voice based addressing rather than touchtones.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_DirectoryHandler.VoiceEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DirectoryHandler.VoiceEnabled." If "tbl_DirectoryHandler.VoiceEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Zero_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Zero_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Zero_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.69. csp_DistributionListCreate

Creates a new DistributionList object by inserting a new row into tbl_DistributionList. It also creates a new Alias object in tbl_Alias by executing csp_AliasCreate. Two other objects may also be created:

- * If a DtmfAccessID is passed in, a new DtmfAccessId object is created by executing csp_DtmfAccessIdCreate.
- * If a VoiceName is passed in, a new StreamFile object is created by executing csp_StreamFileModify.

Additional Information

The parameter @Alias must be provided.

If the parameter @LocationObjectId contains NULL, the LocationObjectId column is set to the default location. Otherwise the LocationObjectId is set to the value contained in @LocationObjectId.

If the parameter @DtmfAccessId contains a value other than NULL, a DtmfAccessId object is created for this distribution list.

If the parameter @VoiceName contains a value other than NULL, a StreamFile object is created with the value of tbl_StreamFile.FileName = @VoiceName.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@AllowContacts	In	inherit	smallint (2 bytes)	A flag indicating whether contacts (system, VPIM, virtual) are allowed to be members of this Distribution List. Purpose of this flag is to enable administrators to create a Distribution List whose members are Unity users only.
Optional	@AllowForeignMessage	In	inherit	smallint (2 bytes)	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)
Optional	@AltName	In	inherit	nvarchar (64 characters)	The alternate spelling of the distributionlist name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of the system distribution list to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Optional	@IsPublic	In	inherit	smallint (2 bytes)	A flag indicating whether the system distribution list is addressable by all subscribers on all VMSes throughout the Unity Organization.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this system distribution list belongs.
Optional	@MailName	In	ignore	varchar (64 characters)	Name used to construct SMTP address (the part of the address before the @ sign).
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DistributionList object.
Optional	@Undeetable	In	inherit	smallint (2 bytes)	A flag indicating whether this distribution list can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@VoiceName	In	ignore	varchar (40 characters)	Voice file to use for this distribution list (if voice name has already been recorded).

Exceptions

csp_DistributionListCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Alias is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified Location object was not found. The names of the object (Location), table (tbl_Location), and column (ObjectId) are included with the exception message. 2. A default location object was not found. The names of the object (Default location), table (tbl_LocationVMS), and column (IsPrimary) are included with the exception message.

Parameter Properties

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AllowContacts

Property Name	Value
Description:	A flag indicating whether contacts (system, VPIM, virtual) are allowed to be members of this Distribution List. Purpose of this flag is to enable administrators to create a Distribution List whose members are Unity users only.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.AllowContacts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.AllowContacts." If "tbl_DistributionList.AllowContacts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AllowForeignMessage

Property Name	Value
Description:	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.AllowForeignMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.AllowForeignMessage." If "tbl_DistributionList.AllowForeignMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AltName

Property Name	Value
Description:	The alternate spelling of the distributionlist name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.AltName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.AltName." If "tbl_DistributionList.AltName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of the system distribution list to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	The alias is used as the display name if this parameter is not specified.

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.DisplayName." If "tbl_DistributionList.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	A DtmfAccessId (extension) is optional. Messages are delivered to the list based on the SMTP address even if an DTMFAccessId does not exist.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsPublic

Property Name	Value
Description:	A flag indicating whether the system distribution list is addressable by all subscribers on all VMSes throughout the Unity Organization.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_DistributionList.IsPublic
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.IsPublic." If "tbl_DistributionList.IsPublic" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this system distribution list belongs.
Notes:	If this parameter is not specified, the default location of the VMS is used.
Business Rules:	
Developer Notes:	Could you really make this on a different location?
Reference Table/Column:	tbl_DistributionList.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.LocationObjectId." If "tbl_DistributionList.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailName

Property Name	Value
Description:	Name used to construct SMTP address (the part of the address before the @ sign).
Notes:	This is optional, and is only needed for Unicode Alias that cannot be converted into a valid SMTP address.
Business Rules:	
Developer Notes:	This is varchar(64) to match size of Alias (nvarchar(64))
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionList object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.ObjectId." If "tbl_DistributionList.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this distribution list can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.Undeletable." If "tbl_DistributionList.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for this distribution list (if voice name has already been recorded).
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	A recorded voice name is optional.
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.70. csp_DistributionListDelete

Deletes a DistributionList object from tbl_DistributionList as specified by the @ObjectId parameter. This procedure also deletes several objects related to a DistributionList object:

- * Any member mappings in tbl_DistributionListMember where the specified distribution list is the member of another distribution list are deleted.
- * The related Alias object is deleted from tbl_Alias by executing csp_AliasDelete.
- * If there is an extension number assigned to the DistributionList, the related DtmfAccessId object is deleted from tbl_DtmfAccessId.
- * If the DistributionList has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.

Additional Information

A check is made on the undeletable attribute. If it is set, the procedure will not allow the deletion of the distribution list.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Find distribution list by ObjectId
Optional	@AllowContacts	In	inherit	smallint (2 bytes)	A flag indicating whether contacts (system, VPIM, virtual) are allowed to be members of this Distribution List. Purpose of this flag is to enable administrators to create a Distribution List whose members are Unity users only.
Optional	@AllowForeignMessage	In	inherit	smallint (2 bytes)	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_DistributionListDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified DistributionList object was not found. The names of the object (Distribution list), table (tbl_DistributionList), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_DistributionList), and the column (----) are included with the exception message. The active transaction is rolled back.
1016	EXCEPTION_OBJECT_UNDELETABLE	The DistributionList specified by @ObjectId cannot be deleted because it's Undeletable attribute is set. The names of the object (Distribution list) and table (tbl_DistributionList), are included with the exception message.

Parameter Properties

@AllowContacts

Property Name	Value
Description:	A flag indicating whether contacts (system, VPIM, virtual) are allowed to be members of this Distribution List. Purpose of this flag is to enable administrators to create a Distribution List whose members are Unity users only.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.AllowContacts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.AllowContacts." If "tbl_DistributionList.AllowContacts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AllowForeignMessage

Property Name	Value
Description:	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.AllowForeignMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.AllowForeignMessage." If "tbl_DistributionList.AllowForeignMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Find distribution list by ObjectId
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.ObjectId." If "tbl_DistributionList.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.71. csp_DistributionListMemberCreate

Adds a member (user or another distribution list) to the specified DistributionList. Creates a new DistributionListMember object by inserting a new row into tbl_DistributionListMember.

Additional Information

The parameter @DistributionListObjectId must be provided.

Also, either the parameter @Member_UserObjectId (adding a user as a member) or @Member_DistributionListObjectId (adding a distribution list as a member) must be provided.

Business Rules

1. One of the @Member* parameters must contain a valid member, while the remaining @Member_* parameter contains a value of NULL.
2. A Distribution List cannot be a Member of itself.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DistributionListObjectId	In	inherit	char (36 characters)	The unique identifier of the DistributionList object to which this distribution list member belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@MemberContactObjectId	In	inherit	char (36 characters)	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise this attribute is set to NULL.
Optional	@MemberDistributionListObjectId	In	inherit	char (36 characters)	The member of this distribution list. If the member is another distribution list, the unique identifier of DistributionList object that is a member of the distribution list. Otherwise, this attribute is set to NULL.
Optional	@MemberUserObjectId	In	inherit	char (36 characters)	The member of this distribution list. If the member is a user, the unique identifier of the User object that is a member of the distribution list. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.

Exceptions

csp_DistributionListMemberCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @DistributionListObjectId is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this distribution list member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionListMember.DistributionListObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionListMember.DistributionListObjectId." If "tbl_DistributionListMember.DistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MemberContactObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is a contact, the unique identifier of the Contact object that is a member of the distribution list. Otherwise this attribute is set to NULL.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionListMember.MemberContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionListMember.MemberContactObjectId." If "tbl_DistributionListMember.MemberContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MemberDistributionListObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is another distribution list, the unique identifier of DistributionList object that is a member of the distribution list. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	One of the @Member* parameters must contain a valid member, while the remaining @Member_* parameter contains a value of NULL.
Developer Notes:	
Reference Table/Column:	tbl_DistributionListMember.MemberDistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionListMember.MemberDistributionListObjectId." If "tbl_DistributionListMember.MemberDistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberUserObjectId

Property Name	Value
Description:	The member of this distribution list. If the member is a user, the unique identifier of the User object that is a member of the distribution list. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	One of the @Member_* parameters must contain a valid member, while the remaining @Member_* parameter contains a value of NULL.
Developer Notes:	
Reference Table/Column:	tbl_DistributionListMember.MemberUserObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionListMember.MemberUserObjectId." If "tbl_DistributionListMember.MemberUserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionListMember.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionListMember.ObjectId." If "tbl_DistributionListMember.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

6.72. csp_DistributionListMemberDelete

Deletes a DistributionListMember object from tbl_DistributionListMember as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_DistributionListMemberDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	If the value of the required parameter @ObjectId is NULL, a "Parameter NULL Required" exception is thrown. The name of the required parameter that has a value of NULL is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified DistributionListMember object was not found. The names of the object (Distribution list member), table (tbl_DistributionListMember), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_DistributionListMember), and the column (----) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionListMember object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionListMember.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionListMember.ObjectId." If "tbl_DistributionListMember.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.73. csp_DistributionListModify

Updates the attributes of a DistributionList object based on the values passed in via the parameters. The @ObjectId parameter identifies the DistributionList object that will be updated. This procedure will also update the DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.

Additional Information

Note that the LocationObjectId column cannot be modified.

If the Undeletable flag is set for this object in the database, it will remain set. Once an object is set to undeletable it should stay that way.

If @DtmfAccessId is passed in and contains a value other than the 'special default' or NULL:

- * If the DistributionList does not already have a DtmfAccessId, a new DtmfAccessId object is created.
- * If the DistributionList already has a DtmfAccessId, the value of the DtmfAccessId is updated.
- * If @DtmfAccess is set to NULL and the DistributionList has an DtmfAccessId, the existing DtmfAccessId object belonging to the specified DistributionList is deleted.

If @VoiceName is passed in and contains a value other than the 'special default' or NULL:

- * If the DistributionList does not already have a VoiceName, a new StreamFile object is created.
- * If the DistributionList already has a VoiceName, the value of the VoiceName is updated.
- * If @VoiceName is set to NULL and the DistributionList has an existing VoiceName, the existing StreamFile object belonging to the specified DistributionList deleted.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DistributionList object.
Optional	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@AllowContacts	In	inherit	smallint (2 bytes)	A flag indicating whether contacts (system, VPIM, virtual) are allowed to be members of this Distribution List. Purpose of this flag is to enable administrators to create a Distribution List whose members are Unity users only.
Optional	@AllowForeignMessage	In	inherit	smallint (2 bytes)	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AltName	In	inherit	nvarchar (64 characters)	The alternate spelling of the distributionlist name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of the system distribution list to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DtmfAccessId	In	explicit	nvarchar (40 characters)	The dialable number.
Optional	@IsPublic	In	inherit	smallint (2 bytes)	A flag indicating whether the system distribution list is addressable by all subscribers on all VMSeS throughout the Unity Organization.
Optional	@MailName	In	ignore	varchar (64 characters)	Name used to construct SMTP address (the part of the address before the @ sign).
Optional	@Undeleteable	In	inherit	smallint (2 bytes)	A flag indicating whether this distribution list can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@VoiceName	In	explicit	varchar (40 characters)	New voice file to use for this distribution list.

Exceptions

csp_DistributionListModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	<p>There are four conditions that can cause an Object Not Found exception to be thrown:</p> <ol style="list-style-type: none"> 1. The specified DistributionList object was not found. The names of the object (Distribution list), table (tbl_DistributionList), and column (ObjectId) are included with the exception message. 2. An attempt was made to delete an DtmfAccessId object (i.e. @DtmfAccessId = NULL) that was not found. The names of the object (Dtmf access id), table (tbl_DtmfAccessId), and column (ObjectId) are included with the exception message. 3. An attempt was made to modify an DtmfAccessId object that was not found. The names of the object (Dtmf access id), table (tbl_DtmfAccessId), and column (ObjectId) are included with the exception message. 4. An attempt was made to delete a StreamFile object (i.e., @VoiceName = NULL) that was not found. The names of the object (Stream file), table (tbl_DistributionList), and column (StreamFileObjectId) are included with the exception message.

Parameter Properties

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AllowContacts

Property Name	Value
Description:	A flag indicating whether contacts (system, VPIM, virtual) are allowed to be members of this Distribution List. Purpose of this flag is to enable administrators to create a Distribution List whose members are Unity users only.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.AllowContacts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.AllowContacts." If "tbl_DistributionList.AllowContacts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AllowForeignMessage

Property Name	Value
Description:	Controls if we allow foreign message systems to send to this particular distribution list. Only valid if the list is for subscribers only (i.e. does not allow contacts)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.AllowForeignMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.AllowForeignMessage." If "tbl_DistributionList.AllowForeignMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AltName

Property Name	Value
Description:	The alternate spelling of the distributionlist name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.AltName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.AltName." If "tbl_DistributionList.AltName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of the system distribution list to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.DisplayName." If "tbl_DistributionList.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsPublic

Property Name	Value
Description:	A flag indicating whether the system distribution list is addressable by all subscribers on all VMSeS throughout the Unity Organization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.IsPublic
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.IsPublic." If "tbl_DistributionList.IsPublic" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MailName

Property Name	Value
Description:	Name used to construct SMTP address (the part of the address before the @ sign).
Notes:	This is optional, and is only needed for Unicode Alias that cannot be converted into a valid SMTP address.
Business Rules:	
Developer Notes:	This is varchar(64) to match size of Alias (nvarchar(64))
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	

Property Name	Value
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DistributionList object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.ObjectId." If "tbl_DistributionList.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Undeletable

Property Name	Value
Description:	A flag indicating whether this distribution list can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DistributionList.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DistributionList.Undeletable." If "tbl_DistributionList.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	New voice file to use for this distribution list.
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will remove the existing voice file and accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.74. csp_DomainNameModify

This sproc will change the domain name in tbl_alias, tbl_smtpserver and tbl_location.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@NewDomainName	In	inherit	varchar (255 characters)	The new domain to use.

Exceptions

csp_DomainNameModify does not throw any exceptions.

Parameter Properties

@NewDomainName

Property Name	Value
Description:	The new domain to use.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.DomainName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DomainName
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.DomainName." If "tbl_SmtpServer.DomainName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.75. csp_DtmfAccessIdCreate

Creates a new DtmfAccessId object (extension number) for a subscriber (primary and alternate extension), call handler, interview handler, directory handler, location, contact, or distribution list by inserting a new row into tbl_DtmfAccessId.

Additional Information

The parameters @DtmfAccessId and @IdIndex parameters must be provided.

One of the @Parent_* parameters must specify a valid parent while the remaining @Parent_* parameters must contain a value of NULL.

If @LocationObjectId parameter is not passed in or contains NULL, the location is set to the object id of the parent's location.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Required	@IdIndex	In	inherit	int (4 bytes)	An index into the alternate extensions for a subscriber.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallPickupTimeout	In	inherit	smallint (2 bytes)	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The Client Matter Code (CMS) to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign account or billing codes to the call.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of this DtmfAccessId to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this location (denormalized) belongs.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DtmfAccessId object.
Optional	@Parent_ContactObjectId	In	inherit	char (36 characters)	The unique identifier of the Contact object to which this DtmfAccessId belongs.
Optional	@Parent_DistributionListObjectId	In	inherit	char (36 characters)	The unique identifier of the DistributionList object to which this DtmfAccessId belongs
Optional	@Parent_HandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the Handler object to which this DtmfAccessId belongs
Optional	@Parent_LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this DtmfAccessId belongs,
Optional	@Parent_SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this DtmfAccessId belongs
Optional	@TransmitForcedAuthorizationCode	In	inherit	smallint (2 bytes)	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.

Exceptions

csp_DtmfAccessIdCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DtmfAccessId or @IdIndex) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause the "Object Not Found" exception to be thrown: 1. The LocationVMS object was not found. The names of the missing object (Default location), table (tbl_LocationVMS), and column (IsPrimary) are included with the exception message. 2. The specified Location object was not found. The names of the missing object (Location), table (tbl_Location), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.CallPickupTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.CallPickupTimeout." If "tbl_DtmfAccessId.CallPickupTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The Client Matter Code (CMS) to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign account or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.ClientMatterCode." If "tbl_DtmfAccessId.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of this DtmfAccessId to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DisplayName." If "tbl_DtmfAccessId.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IdIndex

Property Name	Value
Description:	An index into the alternate extensions for a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.IdIndex

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.IdIndex." If "tbl_DtmfAccessId.IdIndex" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this location (denormalized) belongs.
Notes:	If @LocationObjectId is not passed in or contains NULL, the location will be set to the default location (LocationVMS object with IsPrimary=1). Otherwise the LocationObjectId is set to the value contained in @LocationObjectId.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.LocationObjectId." If "tbl_DtmfAccessId.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DtmfAccessId object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.ObjectId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.ObjectId." If "tbl_DtmfAccessId.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Parent_ContactObjectId

Property Name	Value
Description:	The unique identifier of the Contact object to which this DtmfAccessId belongs.
Notes:	
Business Rules:	One of the @Parent_* parameters must specify a valid parent while the remaining @Parent_* parameters must contain a value of NULL.
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.Parent_ContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.Parent_ContactObjectId." If "tbl_DtmfAccessId.Parent_ContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Parent_DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this DtmfAccessId belongs
Notes:	
Business Rules:	One of the @Parent_* parameters must specify a valid parent while the remaining @Parent_* parameters must contain a value of NULL.
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.Parent_DistributionListObjectId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.Parent_DistributionListObjectID." If "tbl_DtmfAccessId.Parent_DistributionListObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Parent_HandlerObjectID

Property Name	Value
Description:	The unique identifier of the Handler object to which this DtmfAccessId belongs
Notes:	
Business Rules:	One of the @Parent_* parameters must specify a valid parent while the remaining @Parent_* parameters must contain a value of NULL.
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.Parent_HandlerObjectID
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.Parent_HandlerObjectID." If "tbl_DtmfAccessId.Parent_HandlerObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Parent_LocationObjectID

Property Name	Value
Description:	The unique identifier of the Location object to which this DtmfAccessId belongs,
Notes:	
Business Rules:	One of the @Parent_* parameters must specify a valid parent while the remaining @Parent_* parameters must contain a value of NULL.
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.Parent_LocationObjectID
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.Parent_LocationObjectID." If "tbl_DtmfAccessId.Parent_LocationObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Parent_SubscriberObjectID

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this DtmfAccessId belongs
Notes:	
Business Rules:	One of the @Parent_* parameters must specify a valid parent while the remaining @Parent_* parameters must contain a value of NULL.
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.Parent_SubscriberObjectID
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.Parent_SubscriberObjectID." If "tbl_DtmfAccessId.Parent_SubscriberObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.TransmitForcedAuthorizationCode
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.TransmitForcedAuthorizationCode." If "tbl_DtmfAccessId.TransmitForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.76. csp_DtmfAccessIdDelete

Deletes a DtmfAccessId object (extension number) from tbl_DtmfAccessId as specified by the @ObjectId parameter.

Additional Information

If the DtmfAccessId references a Personal Destination Group, the associated row in tbl_PersonalDestinationGroupItem is also deleted.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DtmfAccessId object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_DtmfAccessIdDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions can cause a Object Not found exception to be thrown: 1. The DtmfAccessId object specified by the @ObjectId was not found. The names of the object (Dtmf access ID), table (tbl_DtmfAccessId), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_DtmfAccessId), and the column (----) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DtmfAccessId object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.ObjectId." If "tbl_DtmfAccessId.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.77. csp_DtmfAccessIdModify

Updates the attributes of a DtmfAccessId (extension) object for a subscriber (primary and alternate extension), call handler, interview handler, directory handler, location, contact, or distribution list based on the values passed in via the parameters. The @ObjectId parameter identifies the DtmfAccessId object that will be updated.

Additional Information

Changing the parent of a DtmfAccessId object is not allowed. To change the parent, delete the DtmfAccessId and then create a new one.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a DtmfAccessId object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallPickupTimeout	In	inherit	smallint (2 bytes)	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The Client Matter Code (CMS) to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign account or billing codes to the call.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of this DtmfAccessId to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Optional	@IdIndex	In	inherit	int (4 bytes)	An index into the alternate extensions for a subscriber.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this location (denormalized) belongs.
Optional	@TransmitForcedAuthorizationCode	In	inherit	smallint (2 bytes)	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.

Exceptions

csp_DtmfAccessIdModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The DtmfAccessId object specified by the @ObjectId was not found. The names of the object (Dtmf access ID), table (tbl_DtmfAccessId), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.CallPickupTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.CallPickupTimeout." If "tbl_DtmfAccessId.CallPickupTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The Client Matter Code (CMS) to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign account or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.ClientMatterCode." If "tbl_DtmfAccessId.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of this DtmfAccessId to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DisplayName." If "tbl_DtmfAccessId.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IdIndex

Property Name	Value
Description:	An index into the alternate extensions for a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.IdIndex
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.IdIndex." If "tbl_DtmfAccessId.IdIndex" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this location (denormalized) belongs.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.LocationObjectId." If "tbl_DtmfAccessId.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a DtmfAccessId object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.ObjectId." If "tbl_DtmfAccessId.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.TransmitForcedAuthorizationCode

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.TransmitForcedAuthorizationCode." If "tbl_DtmfAccessId.TransmitForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.78. csp_ExternalServiceCreate

Creates a new external service object by inserting a new row into tbl_MailboxStoreMap.

Additional Information

The parameter @Server must be provided.

For a ServiceType of "WebDav," a ServiceAlias, ServicePassword and Server is required. (It is possible to set WebDAV with no password, but Connection requires it.)

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Server	In	inherit	lvarchar (256 characters)	The name of the server on which the external service runs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@DialString	In	inherit	nvarchar (40 characters)	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the external service used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether the external service is enabled.
Optional	@Mounted	In	inherit	smallint (2 bytes)	***Obsolete - use IsEnabled instead***
Optional	@ObjectId	Out	inherit	char (36 characters)	A globally unique, system-generated identifier for a external service object.
Optional	@RequiredSecurity	In	inherit	int (4 bytes)	The method of encryption that Cisco Unity Connection will use on the connection with this external service.
Optional	@ServiceAlias	In	inherit	lvarchar (256 characters)	The unique text name (e.g., logon name) for a service to use to logon to the external service.
Optional	@ServicePassword	In	inherit	varchar (254 characters)	The password for logon to the external service.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ServiceType	In	inherit	int (4 bytes)	The type of external service (e.g., WebDAV, IMAP, MPE).
Optional	@UseServiceCredentials	In	inherit	smallint (2 bytes)	A flag indicating whether to use service credentials rather than user credentials to logon to the external service.

Exceptions

csp_ExternalServiceCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Alias and @Server) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DialString

Property Name	Value
Description:	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.DialString
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.DialString." If "tbl_MailboxStoreMap.DialString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the external service used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.DisplayName." If "tbl_MailboxStoreMap.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether the external service is enabled.
Notes:	Values: 0: The external service is disabled. 1: The external service is enabled.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.Mounted
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.Mounted." If "tbl_MailboxStoreMap.Mounted" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Mounted

Property Name	Value
Description:	***Obsolete - use IsEnabled instead ***
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.Mounted

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.Mounted." If "tbl_MailboxStoreMap.Mounted" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	A globally unique, system-generated identifier for a external service object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@RequiredSecurity

Property Name	Value
Description:	The method of encryption that Cisco Unity Connection will use on the connection with this external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.RequiredSecurity
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailstoreConnectionEncryption

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.RequiredSecurity." If "tbl_MailboxStoreMap.RequiredSecurity" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Server

Property Name	Value
Description:	The name of the server on which the external service runs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.Server
Required/Optional Parameter:	Required
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.Server." If "tbl_MailboxStoreMap.Server" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ServiceAlias

Property Name	Value
Description:	The unique text name (e.g., logon name) for a service to use to logon to the external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ServiceAlias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ServiceAlias." If "tbl_MailboxStoreMap.ServiceAlias" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@ServicePassword

Property Name	Value
Description:	The password for logon to the external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ServicePassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ServicePassword." If "tbl_MailboxStoreMap.ServicePassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ServiceType

Property Name	Value
Description:	The type of external service (e.g., WebDAV, IMAP, MPE).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.MailboxStoreType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailboxStoreType
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.MailboxStoreType." If "tbl_MailboxStoreMap.MailboxStoreType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseServiceCredentials

Property Name	Value
Description:	A flag indicating whether to use service credentials rather than user credentials to logon to the external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.UseServiceCredentials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.UseServiceCredentials." If "tbl_MailboxStoreMap.UseServiceCredentials" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

6.79. csp_ExternalServiceDelete

Deletes an External Service by deleting a MailboxStoreMap object from tbl_MailboxStoreMap as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	A globally unique, system-generated identifier for a external service object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_ExternalServiceDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MailboxStoreMap object was not found. The names of the object (Mailbox store map), table (tbl_MailboxStoreMap), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MailboxStoreMap), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	A globally unique, system-generated identifier for a external service object.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.80. csp_ExternalServiceModify

Updates the attributes of a External Service by updating a MailboxStoreMap object based on the values passed in via the parameters. The @ObjectId parameter identifies the MailboxStoreMap object that is updated.

Additional Information

For a ServiceType of "WebDav," a ServiceAlias, ServicePassword and Server is required. (It is possible to set WebDAV with no password, but Connection requires it.)

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	A globally unique, system-generated identifier for a external service object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@DialString	In	inherit	nvarchar (40 characters)	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the external service used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether the external service is enabled.
Optional	@Mounted	In	inherit	smallint (2 bytes)	***Obsolete - use IsEnabled instead***
Optional	@RequiredSecurity	In	inherit	int (4 bytes)	The method of encryption that Cisco Unity Connection will use on the connection with this external service.
Optional	@Server	In	inherit	lvarchar (256 characters)	The name of the server on which the external service runs.
Optional	@ServiceAlias	In	inherit	lvarchar (256 characters)	The unique text name (e.g., logon name) for a service to use to logon to the external service.
Optional	@ServicePassword	In	inherit	varchar (254 characters)	The password for logon to the external service.
Optional	@ServiceType	In	inherit	int (4 bytes)	The type of external service (e.g., WebDAV, IMAP, MPE).

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@UseServiceCredentials	In	inherit	smallint (2 bytes)	A flag indicating whether to use service credentials rather than user credentials to logon to the external service.

Exceptions

csp_ExternalServiceModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MailboxStoreMap object was not found. The names of the object (Mailbox store map), table (tbl_MailboxStoreMap), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DialString

Property Name	Value
Description:	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.DialString
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.DialString." If "tbl_MailboxStoreMap.DialString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the external service used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.DisplayName." If "tbl_MailboxStoreMap.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether the external service is enabled.
Notes:	Values: 0: The external service is disabled. 1: The external service is enabled.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.Mounted
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.Mounted." If "tbl_MailboxStoreMap.Mounted" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Mounted

Property Name	Value
Description:	***Obsolete - use IsEnabled instead***
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.Mounted
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.Mounted." If "tbl_MailboxStoreMap.Mounted" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	A globally unique, system-generated identifier for a external service object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@RequiredSecurity

Property Name	Value
Description:	The method of encryption that Cisco Unity Connection will use on the connection with this external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.RequiredSecurity
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailstoreConnectionEncryption
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.RequiredSecurity." If "tbl_MailboxStoreMap.RequiredSecurity" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Server

Property Name	Value
Description:	The name of the server on which the external service runs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.Server
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.Server." If "tbl_MailboxStoreMap.Server" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ServiceAlias

Property Name	Value
Description:	The unique text name (e.g., logon name) for a service to use to logon to the external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ServiceAlias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ServiceAlias." If "tbl_MailboxStoreMap.ServiceAlias" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ServicePassword

Property Name	Value
Description:	The password for logon to the external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ServicePassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ServicePassword." If "tbl_MailboxStoreMap.ServicePassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ServiceType

Property Name	Value
Description:	The type of external service (e.g., WebDAV, IMAP, MPE).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.MailboxStoreType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailboxStoreType
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.MailboxStoreType." If "tbl_MailboxStoreMap.MailboxStoreType" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@UseServiceCredentials

Property Name	Value
Description:	A flag indicating whether to use service credentials rather than user credentials to logon to the external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.UseServiceCredentials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.UseServiceCredentials." If "tbl_MailboxStoreMap.UseServiceCredentials" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

6.81. csp_GetErrorText

Retrieves a localized error string given an error/exception code and an error message returned from the database server.

Additional Information

This is intended to give better (and localized) error messages where we can, but it not guaranteed to return localized text for every error and error message. The default behavior is to return the error message that was passed in.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Code	In	ignore	int (4 bytes)	Error or exception code returned from database server.
Required	@Message	In	ignore	lvarchar (1024 characters)	Error message returned from database server.
Optional	@ErrorText	Out	ignore	lvarchar (1024 characters)	Resulting error text - will default to the error message passed in if no matching error found.
Optional	@LanguageCode	In	ignore	int (4 bytes)	Language to retrieve message in (if available).

Exceptions

csp_GetErrorText does not throw any exceptions.

Parameter Properties

@Code

Property Name	Value
Description:	Error or exception code returned from database server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ErrorText

Property Name	Value
Description:	Resulting error text - will default to the error message passed in if no matching error found.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (1024 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@LanguageCode

Property Name	Value
Description:	Language to retrieve message in (if available).
Notes:	
Business Rules:	A value of '0' is not allowed.
Developer Notes:	For Windows 2003, valid values range from 1024 to 58378.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Message

Property Name	Value
Description:	Error message returned from database server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (1024 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.82. csp_GetLastError

Retrieves the code and message associated with the last database error or exception.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Code	Out	ignore	smallint (2 bytes)	Error or exception code returned by the last stored procedure.
Optional	@Message	Out	ignore	nvarchar (1024 characters)	Error or exception string returned by the last stored procedure.

Exceptions

csp_GetLastError does not throw any exceptions.

Parameter Properties

@Code

Property Name	Value
Description:	Error or exception code returned by the last stored procedure.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@Message

Property Name	Value
Description:	Error or exception string returned by the last stored procedure.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (1024 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.83. csp_GetLocalizedText

Retrieves the localized of text as specified by the @LanguageCode and @Localization parameters. If found, the localized version of the text along with parameter substitution (@arg1 - @arg5) is returned in @LocalizedText.

Additional Information

The parameters @LanguageCode and @LocalizationKey must be provided.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@LanguageCode	In	inherit	int (4 bytes)	The language code (LCID) indicating the language of the text in the LocalizedName column.
Required	@LocalizationKey	In	inherit	varchar (192 characters)	A familiar name referenced by other tables to obtain the localized name.
Optional	@arg1	In	ignore	lvarchar (256 characters)	Optional argument.
Optional	@arg2	In	ignore	lvarchar (256 characters)	Second optional parameter.
Optional	@arg3	In	ignore	lvarchar (256 characters)	Third optional argument.
Optional	@arg4	In	ignore	lvarchar (256 characters)	Fourth optional argument.
Optional	@arg5	In	ignore	lvarchar (256 characters)	Fifth optional argument.
Optional	@LocalizedText	Out	ignore	lvarchar (512 characters)	Localized version of the text with any parameter substitution done.

Exceptions

csp_GetLocalizedText will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@LanguageCode and @LocalizationKey) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@arg1

Property Name	Value
Description:	Optional argument.
Notes:	If passed, any occurrence of %1 will be replaced with the argument.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (256 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@arg2

Property Name	Value
Description:	Second optional parameter.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (256 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@arg3

Property Name	Value
Description:	Third optional argument.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvvarchar (256 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@arg4

Property Name	Value
Description:	Fourth optional argument.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvvarchar (256 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@arg5

Property Name	Value
Description:	Fifth optional argument.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvvarchar (256 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@LanguageCode

Property Name	Value
Description:	The language code (LCID) indicating the language of the text in the LocalizedName column.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocalizedText.LanguageCode
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_LocalizedText.LanguageCode." If "tbl_LocalizedText.LanguageCode" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LocalizationKey

Property Name	Value
Description:	A familiar name referenced by other tables to obtain the localized name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocalizedText.LocalizationKey
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (192 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocalizedText.LocalizationKey." If "tbl_LocalizedText.LocalizationKey" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LocalizedText

Property Name	Value
Description:	Localized version of the text with any parameter substitution done.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (512 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.84. csp_GetObjectByAnyExtension

Takes a dtmf id as input and returns the object id associated with it and the "type" of the object id i.e. whether it is a subscriber, a distribution list or a contact.

If the dtmf id cannot be found, the stored procedure returns NULL and -1.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DtmfAccessId	In	ignore	nvarchar (40 characters)	The dialable number.
Optional	@ObjectId	Out	ignore	char (36 characters)	The object id of a subscriber, distribution list or contact. The value is NULL is no object is found.
Optional	@ObjectType	Out	ignore	smallint (2 bytes)	The type of object id returned. Can be either a subscriber, a distribution list or a contact. The value is -1 if no object is found.

Exceptions

csp_GetObjectByAnyExtension will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	

Parameter Properties

@DtmfAccessId

Property Name	Value
Description:	The dialable number.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The object id of a subscriber, distribution list or contact. The value is NULL is no object is found.
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ObjectType

Property Name	Value
Description:	The type of object id returned. Can be either a subscriber, a distribution list or a contact. The value is -1 if no object is found.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	ObjectType
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.85. csp_GetObjectByPhoneNumber

Resolves a phone number to a user, subscriber, contact or personal contact.

Additional Information

The parameter @PhoneNumber must be provided.

If the purpose of calling this procedure is to resolve the phone number for a personal contact, the @UserObjectId must be provided.

The identifier of the user, subscriber, contact or personal contact object found as the owner of the phone number is returned in the @ObjectId parameter. The @ObjectType parameter identifies the object type of the owner (user, subscriber, contact or personal contact).

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@PhoneNumber	In	ignore	varchar (255 characters)	Contains the phone number to resolve.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	ignore	char (36 characters)	Contains the ObjectId of the user, subscriber, or personal contact to which the phone number resolves. If the phone number, it contains NULL.
Optional	@ObjectType	Out	ignore	smallint (2 bytes)	Contains the type of ObjectId (user, subscriber, or personal contact) to which the phone number resolves.
Optional	@UserObjectId	In	ignore	char (36 characters)	Contains the object id of the user who owns the personal contact for which to resolve the phone number.

Exceptions

csp_GetObjectByPhoneNumber will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @PhoneNumber is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	Contains the ObjectId of the user, subscriber, or personal contact to which the phone number resolves. If the phone number, it contains NULL.
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ObjectType

Property Name	Value
Description:	Contains the type of ObjectId (user, subscriber, or personal contact) to which the phone number resolves.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	ObjectType
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@PhoneNumber

Property Name	Value
Description:	Contains the phone number to resolve.
Notes:	Length of 255 is required to support SIP format phone numbers.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	PhoneNumber
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UserId

Property Name	Value
Description:	Contains the object id of the user who owns the personal contact for which to resolve the phone number.
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.86. csp_GetObjectBySmtpAddress

Resolves an SMTP address to a user, distribution list, or personal group.

Additional Information

The parameter @SmtpAddress must be provided.

If a matching SmtpAddress is found in tbl_Alias, @ObjectId contains the identifier of the user, distribution list, or personal contact object found matching the value of @SmtpAddress. The @ObjectType parameter identifies the object type of the owner (user, subscriber, or personal contact).

If the format of the provided @SmtpAddress parameter is valid, but a SmtpAddress matching the value of @SmtpAddress is not found in tbl_Alias, an Exception is not thrown. Rather @ObjectId is set to NULL.

Proxy address, such as those used for addressing messages to remote contacts via SMTP or VPIM, must be in the form [<address type>:]<alias>@<domain>. For example, SMTP:kbader@cisco.com.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@SmtpAddress	In	ignore	lvvarchar (512 characters)	Contains the target SMTP address to resolve.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	ignore	char (36 characters)	Contains the ObjectId of the user, distribution list, or personal group to which the SmtpAddress resolves. If the SmtpAddress is not found, it contains NULL.
Optional	@ObjectType	Out	ignore	smallint (2 bytes)	Contains the type of ObjectId (user, distribution list, personal group) to which the proxy address resolves.

Exceptions

csp_GetObjectBySmtpAddress will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @SmtpAddress is NULL. The name of the missing parameter is included with the exception message.
1003	EXCEPTION_PARAMETER_INVALID	The specified proxy address is not of the format [<address type>:]<alias>@<domain>. The name of the invalid parameter (@SmtpAddress) and the value of the @SmtpAddress parameter are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	Contains the ObjectId of the user, distribution list, or personal group to which the SmtpAddress resolves. If the SmtpAddress is not found, it contains NULL.
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ObjectType

Property Name	Value
Description:	Contains the type of ObjectId (user, distribution list, personal group) to which the proxy address resolves.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	ObjectType
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	

Property Name	Value
Direction:	Out
Update Column Value From Parameter:	False

@SmtpAddress

Property Name	Value
Description:	Contains the target SMTP address to resolve.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	lvarchar (512 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.87. csp_GetProductVersion

Retrieves the product version as a string.

Additional Information

The product version is stored and read from the registry.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Version	Out	ignore	varchar (32 characters)	Receives the product version in dotted format such as "1.1.0.01"
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_GetProductVersion does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias

Property Name	Value
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Version

Property Name	Value
Description:	Receives the product version in dotted format such as "1.1.0.01"
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (32 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.88. csp_GetSchemaVersion

Retrieves the database schema version as a string dot notation such as "1.1.892"

Additional Information

This information is pulled from tbl_LocationVMS, and represents the major, minor and build number.

Auditing is turned off for this stored procedure.

This is mainly for calling via the web service interface, thus the simplified output (rather than three separate int values).

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Version	Out	ignore	varchar (32 characters)	Receives schema version as string in dot notation (major.minor.build)

Exceptions

csp_GetSchemaVersion does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Version

Property Name	Value
Description:	Receives schema version as string in dot notation (major.minor.build)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (32 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out

Property Name	Value
Update Column Value From Parameter:	False

6.89. csp_GreetingCreate

Creates a new Greeting object for a call handler by inserting a new row into tbl_Greeting.

Additional Information

The parameters @GreetingType and @CallHandlerObjectId of the call handler to which this greeting belongs must be provided.

This procedure also creates a "after greeting action" in tbl_CallAction.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which this greeting rule belongs.
Required	@GreetingType	In	inherit	nvarchar (12 characters)	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Optional	@AfterGreeting_Action	In	ignore	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@AfterGreeting_Target Conversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@AfterGreeting_Target HandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IgnoreDigits	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.
Optional	@PlayWhat	In	inherit	smallint (2 bytes)	The source for the greeting when this greeting is active.
Optional	@RepromptDelay	In	inherit	smallint (2 bytes)	The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Reprompts	In	inherit	smallint (2 bytes)	The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.
Optional	@TimeExpires	In	inherit	datetime (8 bytes)	The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.

Exceptions

csp_GreetingCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@GreetingType and @CallHandlerObjectId) is NULL. The name of the missing parameter is included with the exception message.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	The specified configuration setting was not found. The name of the setting is included in the exception message.

Parameter Properties

@AfterGreeting_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	4

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@AfterGreeting_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AfterGreeting_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this greeting rule belongs.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.CallHandlerObjectId." If "tbl_Greeting.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@GreetingType

Property Name	Value
Description:	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.GreetingType
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	GreetingRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.GreetingType." If "tbl_Greeting.GreetingType" can be NULL, then explicit NULL is allowed.
Default Value:	Standard
Direction:	In
Update Column Value From Parameter:	True

@IgnoreDigits

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.IgnoreDigits

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.IgnoreDigits." If "tbl_Greeting.IgnoreDigits" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@PlayWhat

Property Name	Value
Description:	The source for the greeting when this greeting is active.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.PlayWhat
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	PlayWhatType
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.PlayWhat." If "tbl_Greeting.PlayWhat" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RepromptDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.RepromptDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.RepromptDelay." If "tbl_Greeting.RepromptDelay" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@Reprompts

Property Name	Value
Description:	The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.Reprompts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.Reprompts." If "tbl_Greeting.Reprompts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TimeExpires

Property Name	Value
Description:	The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.TimeExpires
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.TimeExpires." If "tbl_Greeting.TimeExpires" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.90. csp_GreetingDelete

Deletes one of the six standard greetings for a call handler from tbl_Greeting as specified by the @CallHandlerObjectId and @GreetingType ("Standard", "Off Hours", etc.) parameters.

Additional Information

This procedure also deletes the associated "after greeting action" in tbl_CallAction.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which this greeting rule belongs.
Required	@GreetingType	In	inherit	nvarchar (12 characters)	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_GreetingDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@GreetingType and @CallHandlerObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The Greeting object for the specified @CallHandlerObjectId and @GreetingType was not found. The names of the object (Greeting), table (tbl_Greeting), and columns (CallHandlerObjectId and GreetingType) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Greeting), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this greeting rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.CallHandlerObjectId." If "tbl_Greeting.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@GreetingType

Property Name	Value
Description:	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.GreetingType
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	GreetingRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.GreetingType." If "tbl_Greeting.GreetingType" can be NULL, then explicit NULL is allowed.
Default Value:	Standard
Direction:	In
Update Column Value From Parameter:	False

6.91. csp_GreetingModify

Modifies one of the six standard greetings for a call handler. The attributes of a Greeting object are updated based on the values passed in via the parameters. The @GreetingType and @CallHandlerObjectId parameter identify the Greeting object that is updated.

Additional Information

This procedure also updates the associated "after greeting action" in tbl_CallAction.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which this greeting rule belongs.
Required	@GreetingType	In	inherit	nvarchar (12 characters)	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Optional	@AfterGreeting_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@AfterGreeting_Target Conversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@AfterGreeting_Target HandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Expired	In	ignore	smallint (2 bytes)	Enables or disables the greeting.
Optional	@IgnoreDigits	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.
Optional	@PlayWhat	In	inherit	smallint (2 bytes)	The source for the greeting when this greeting is active.
Optional	@RepromptDelay	In	inherit	smallint (2 bytes)	The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Reprompts	In	inherit	smallint (2 bytes)	The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.
Optional	@TimeExpires	In	inherit	datetime (8 bytes)	The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.

Exceptions

csp_GreetingModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@GreetingType and @CallHandlerObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The Greeting object for the specified @CallHandlerObjectId and @GreetingType was not found. The names of the object (Greeting), table (tbl_Greeting), and columns (CallHandlerObjectId and GreetingType) are included with the exception message.

Parameter Properties

@AfterGreeting_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@AfterGreeting_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AfterGreeting_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this greeting rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.CallHandlerObjectId." If "tbl_Greeting.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Expired

Property Name	Value
Description:	Enables or disables the greeting.
Notes:	Set to 1 (true) to expire the greeting and to 0 (false) to un-expire the greeting.
Business Rules:	
Developer Notes:	Setting this parameter to 1 causes TimeExpires to be set to a Jan 1, 1972. Setting it to 0 causes TimeExpires to be NULL.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@GreetingType

Property Name	Value
Description:	The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.GreetingType
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	GreetingRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.GreetingType." If "tbl_Greeting.GreetingType" can be NULL, then explicit NULL is allowed.
Default Value:	Standard
Direction:	In
Update Column Value From Parameter:	False

@IgnoreDigits

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.IgnoreDigits
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.IgnoreDigits." If "tbl_Greeting.IgnoreDigits" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@PlayWhat

Property Name	Value
Description:	The source for the greeting when this greeting is active.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.PlayWhat

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	PlayWhatType
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.PlayWhat." If "tbl_Greeting.PlayWhat" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RepromptDelay

Property Name	Value
Description:	The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.RepromptDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.RepromptDelay." If "tbl_Greeting.RepromptDelay" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@Reprompts

Property Name	Value
Description:	The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.Reprompts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.Reprompts." If "tbl_Greeting.Reprompts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TimeExpires

Property Name	Value
Description:	The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Greeting.TimeExpires
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Greeting.TimeExpires." If "tbl_Greeting.TimeExpires" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.92. csp_GreetingStreamFileCreate

Creates a new GreetingStreamFile object in the specified language for a call handler by inserting a new row into tbl_GreetingStreamFile.

Additional Information

The parameters @CallHandlerObjectId, @GreetingType, @LanguageCode, and @StreamFile must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which the stream file belongs.
Required	@GreetingType	In	inherit	nvarchar (12 characters)	The type of greeting (e.g., alternate) to which the stream file belongs.
Required	@LanguageCode	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.
Required	@StreamFile	In	inherit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_GreetingStreamFileCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@CallHandlerObjectId, @GreetingType, @LanguageCode, and @StreamFile) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The StreamFile object for the specified @FileName was not found. The names of the object (StreamFile, table (tbl_StreamFile), and columns (FileName) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which the stream file belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.CallHandlerObjectId." If "tbl_GreetingStreamFile.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@GreetingType

Property Name	Value
Description:	The type of greeting (e.g., alternate) to which the stream file belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.GreetingType
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	GreetingRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.GreetingType." If "tbl_GreetingStreamFile.GreetingType" can be NULL, then explicit NULL is allowed.
Default Value:	Standard
Direction:	In
Update Column Value From Parameter:	True

@LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.LanguageCode
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.LanguageCode." If "tbl_GreetingStreamFile.LanguageCode" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@StreamFile

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.93. csp_GreetingStreamFileDelete

Deletes a GreetingStreamFile object from tbl_GreetingStreamFile as specified by the combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters. The StreamFile object in tbl_StreamFile associated with the GreetingStreamFile is also deleted by the procedure.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which the stream file belongs.
Required	@GreetingType	In	inherit	nvarchar (12 characters)	The type of greeting (e.g., alternate) to which the stream file belongs.
Required	@LanguageCode	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_GreetingStreamFileDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@CallHandlerObjectId, @GreetingType, and @LanguageCode) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	<p>There are two conditions that can cause an Object Not Found exception to be thrown:</p> <ol style="list-style-type: none"> 1. The GreetingStreamFile object as specified by the combination of @CallHandlerObjectId, @GreetingType, and @LanguageCode was not found. The names of the object (Greeting stream file), table (tbl_GreetingStreamFile), and columns (CallHandlerObjectId, GreetingType, and LanguageCode) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_GreetingStreamFile), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which the stream file belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.CallHandlerObjectId." If "tbl_GreetingStreamFile.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@GreetingType

Property Name	Value
Description:	The type of greeting (e.g., alternate) to which the stream file belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.GreetingType
Required/Optional Parameter:	Required

Property Name	Value
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	GreetingRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.GreetingType." If "tbl_GreetingStreamFile.GreetingType" can be NULL, then explicit NULL is allowed.
Default Value:	Standard
Direction:	In
Update Column Value From Parameter:	True

@LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.LanguageCode
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.LanguageCode." If "tbl_GreetingStreamFile.LanguageCode" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.94. csp_GreetingStreamFileModify

Updates the attributes of a GreetingStreamFile object based on the values passed in via the parameters. The combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters identify the GreetingStreamFile object that is updated.

The StreamFile object in tbl_StreamFile as specified by @StreamFile is also updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which the stream file belongs.
Required	@GreetingType	In	inherit	nvarchar (12 characters)	The type of greeting (e.g., alternate) to which the stream file belongs.
Required	@LanguageCode	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.
Required	@StreamFile	In	inherit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_GreetingStreamFileModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@CallHandlerObjectId, @GreetingType, @StreamFile, and @LanguageCode) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The GreetingStreamFile object as specified by the combination of @CallHandlerObjectId, @GreetingType, and @LanguageCode was not found. The names of the object (Greeting stream file), table (tbl_GreetingStreamFile), and columns (CallHandlerObjectId, GreetingType, and LanguageCode) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which the stream file belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.CallHandlerObjectId." If "tbl_GreetingStreamFile.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@GreetingType

Property Name	Value
Description:	The type of greeting (e.g., alternate) to which the stream file belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.GreetingType
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	GreetingRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.GreetingType." If "tbl_GreetingStreamFile.GreetingType" can be NULL, then explicit NULL is allowed.
Default Value:	Standard

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.LanguageCode
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.LanguageCode." If "tbl_GreetingStreamFile.LanguageCode" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@StreamFile

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.95. csp_GreetingStreamFileSet

Creates a new GreetingStreamFile object or updates the attributes of an existing GreetingStreamFile object in tbl_GreetingStreamFile. If the GreetingFileStream object is not found as specified by the combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters, a new GreetingStreamFile object is created by executing csp_GreetingStreamFileCreate. If a GreetingStreamFile object is found matching the combination of the @CallHandlerObjectId, @GreetingType, and @LanguageCode parameters, it is modified by executing csp_GreetingStreamFileModify.

Additional Information

The parameters @CallHandlerObjectId, @GreetingType, @LanguageCode, and @StreamFile must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which the stream file belongs.
Required	@GreetingType	In	inherit	nvarchar (12 characters)	The type of greeting (e.g., alternate) to which the stream file belongs.
Required	@LanguageCode	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.
Required	@StreamFile	In	inherit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_GreetingStreamFileSet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	There are two conditions that can cause EXCEPTION_PARAMETER_NULL_REQUIRED to be thrown: 1. From csp_GreetingStreamFileCreate: The value of one of the required parameters (@CallHandlerObjectId, @GreetingType, and @LanguageCode) is NULL. The name of the missing parameter is included with the exception message. 2. From csp_GreetingStreamFileModify: The value of one of the required parameters (@CallHandlerObjectId, @GreetingType, @FileName, and @LanguageCode) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	From csp_GreetingStreamFileModify: The GreetingStreamFile object as specified by the combination of @CallHandlerObjectId, @GreetingType, and @LanguageCode was not found. The names of the object (Greeting stream file), table (tbl_GreetingStreamFile), and columns (CallHandlerObjectId, GreetingType, and LanguageCode) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which the stream file belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.CallHandlerObjectId." If "tbl_GreetingStreamFile.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@GreetingType

Property Name	Value
Description:	The type of greeting (e.g., alternate) to which the stream file belongs.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.GreetingType
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	GreetingRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.GreetingType." If "tbl_GreetingStreamFile.GreetingType" can be NULL, then explicit NULL is allowed.
Default Value:	Standard
Direction:	In
Update Column Value From Parameter:	True

@LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) identifying the language in which this stream was recorded.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_GreetingStreamFile.LanguageCode
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_GreetingStreamFile.LanguageCode." If "tbl_GreetingStreamFile.LanguageCode" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@StreamFile

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.96. csp_InstalledLanguageCreate

Creates a new InstalledLanguage object by inserting a new row into tbl_InstalledLanguage.

Additional Information

The parameters @LanguageCode and @LanguageType must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@LanguageCode	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.
Required	@LanguageType	In	inherit	int (4 bytes)	The type of language (TUI, GUI, etc.)
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@Loaded	In	inherit	smallint (2 bytes)	A flag indicating whether this language is loaded at run time.

Exceptions

csp_InstalledLanguageCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@LanguageCode and @LanguageType) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InstalledLanguage.LanguageCode
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_InstalledLanguage.LanguageCode." If "tbl_InstalledLanguage.LanguageCode" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LanguageType

Property Name	Value
Description:	The type of language (TUI, GUI, etc.)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InstalledLanguage.LanguageType
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageType
Null Handling:	Inherit - inherit parameter value from "tbl_InstalledLanguage.LanguageType." If "tbl_InstalledLanguage.LanguageType" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Loaded

Property Name	Value
Description:	A flag indicating whether this language is loaded at run time.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_InstalledLanguage.Loaded
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_InstalledLanguage.Loaded." If "tbl_InstalledLanguage.Loaded" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.97. csp_InstalledLanguageDelete

Deletes a InstalledLanguage object from tbl_InstalledLanguage as specified by the combination of the @LanguageCode and @LanguageType parameters.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@LanguageCode	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.
Required	@LanguageType	In	inherit	int (4 bytes)	The type of language (TUI, GUI, etc.)
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_InstalledLanguageDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@LanguageCode and @LanguageType) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified InstalledLanguage object was not found. The names of the object (InstalledLanguage), table (tbl_InstalledLanguage), and columns (LanguageCode and LanguageType) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_InstalledLanguage), and the column (----) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InstalledLanguage.LanguageCode
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_InstalledLanguage.LanguageCode." If "tbl_InstalledLanguage.LanguageCode" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LanguageType

Property Name	Value
Description:	The type of language (TUI, GUI, etc.)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InstalledLanguage.LanguageType
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageType
Null Handling:	Inherit - inherit parameter value from "tbl_InstalledLanguage.LanguageType." If "tbl_InstalledLanguage.LanguageType" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.98. csp_InstalledLanguageModify

Updates the attributes of an InstalledLanguage object based on the values passed in via the parameters. The @LanguageCode and @LanguageType parameters identify the InstalledLanguage object that will be updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@LanguageCode	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.
Required	@LanguageType	In	inherit	int (4 bytes)	The type of language (TUI, GUI, etc.)
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@Loaded	In	inherit	smallint (2 bytes)	A flag indicating whether this language is loaded at run time.

Exceptions

csp_InstalledLanguageModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@LanguageCode and @LanguageType) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified InstalledLanguage object was not found. The names of the object (Installed language), table (tbl_InstalledLanguage), and columns (LanguageCode and LanguageType) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) which is a 32-bit value defined by Windows that consists of a language ID, a sort ID, and reserved bits. For example, the LCID for US English is 1033.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InstalledLanguage.LanguageCode
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_InstalledLanguage.LanguageCode." If "tbl_InstalledLanguage.LanguageCode" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LanguageType

Property Name	Value
Description:	The type of language (TUI, GUI, etc.)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InstalledLanguage.LanguageType
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageType
Null Handling:	Inherit - inherit parameter value from "tbl_InstalledLanguage.LanguageType." If "tbl_InstalledLanguage.LanguageType" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Loaded

Property Name	Value
Description:	A flag indicating whether this language is loaded at run time.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_InstalledLanguage.Loaded
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_InstalledLanguage.Loaded." If "tbl_InstalledLanguage.Loaded" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.99. csp_InterviewHandlerCreate

Creates a new InterviewHandler object by inserting a new row into tbl_InterviewHandler. This procedure also creates several other objects:

- * The after message action by inserting a new row into tbl_CallAction
- * A new handler by inserting a new row into tbl_Handler
- * Twenty empty interview handler questions by inserting 20 new rows into tbl_InterviewHandlerQuestion
- * If provided, a new DtmfAccessId by inserting a new row into tbl_DtmfAccessId
- * If provided, a new voice name for the interview handler by activating an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile.

Additional Information

The parameters @DisplayName and @LocationObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Required	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this handler belongs.
Optional	@AfterMessage_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@AfterMessage_Target Conversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@AfterMessage_Target HandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Optional	@Language	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Optional	@Recipient_DistributionListObjectId	In	inherit	char (36 characters)	The unique identifier of the DistributionList object where the recorded message of the interview handler should be routed.
Optional	@Recipient_SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object where the recorded message of the interview handler should be routed.
Optional	@SendUrgentMsg	In	inherit	smallint (2 bytes)	A flag indicating whether an unidentified caller is given a choice to mark a message as Urgent or Normal, or if not given the choice, whether the message is always marked Normal (default value) or Urgent.
Optional	@Undeleteable	In	inherit	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseCallLanguage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the interview handler inherit language from location.
Optional	@VoiceName	In	ignore	varchar (40 characters)	Voice file to use for this interview handler (if voice name has already been recorded).

Exceptions

csp_InterviewHandlerCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DisplayName and @LocationObjectId) is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid subscriber object as specified by @Recipient_SubscriberObjectId was not found. Rather the object specified by @Recipient_SubscriberObjectId is a user template. The names of the object (subscriber), parameter (@Recipient_SubscriberObjectId), view (vw_Subscriber), and column (ObjectId) are included with the exception message.

Parameter Properties

@AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.DisplayName." If "tbl_Handler.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Language." If "tbl_Handler.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.LocationObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.LocationObjectID." If "tbl_Handler.LocationObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectID

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.ObjectID
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.ObjectID." If "tbl_Handler.ObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Recipient_DistributionListObjectID

Property Name	Value
Description:	The unique identifier of the DistributionList object where the recorded message of the interview handler should be routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewHandler.Recipient_DistributionListObjectID
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewHandler.Recipient_DistributionListObjectId." If "tbl_InterviewHandler.Recipient_DistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Recipient_SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object where the recorded message of the interview handler should be routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewHandler.Recipient_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewHandler.Recipient_SubscriberObjectId." If "tbl_InterviewHandler.Recipient_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller is given a choice to mark a message as Urgent or Normal, or if not given the choice, whether the message is always marked Normal (default value) or Urgent.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewHandler.SendUrgentMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	SendUrgentInterviewMsg
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewHandler.SendUrgentMsg." If "tbl_InterviewHandler.SendUrgentMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Undeletable." If "tbl_Handler.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.UseCallLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.UseCallLanguage." If "tbl_Handler.UseCallLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the interview handler inherit language from location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@VoiceName

Property Name	Value
Description:	Voice file to use for this interview handler (if voice name has already been recorded).
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

6.100. csp_InterviewHandlerDelete

Deletes an InterviewHandler object from tbl_InterviewHandler as specified by the @ObjectId parameter. This procedure also deletes several objects related to an InterviewHandler object:

- * The parent Handler object is deleted from tbl_Handler. (The FK cascade delete will actually delete the InterviewHandler along with all InterviewHandlerQuestions assigned to the InterviewHandler.)
- * The associated aftermessageaction is deleted from tbl_CallAction.
- * If there is an extension number assigned to the InterviewHandler, the related DtmfAccessId object is deleted from tbl_DtmfAccessId.
- * If the InterviewHandler has a recorded voice name, the related StreamFile object is deleted from tbl_StreamFile by executing csp_StreamFileDelete.

Additional Information

An optional parameter is the @ReplacementInterviewHandler. If passed in, any references to this interview handler will be replaced by this interview handler.

A check is made on the undeletable attribute. If it is set, the procedure will not allow the deletion of the interview handler.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ReplacementInterviewHandlerObjectId	In	ignore	char (36 characters)	Interview handler to use to replace any references to this interview handler before delete.

Exceptions

csp_InterviewHandlerDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified InterviewHandler object was not found. The names of the object (Interview handler), table (tbl_InterviewHandler), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_InterviewHandler), and the column (----) are included with the exception message. The active transaction is rolled back.
1016	EXCEPTION_OBJECT_UNDELETABLE	The InterviewHandler specified by @ObjectId cannot be deleted because it's Undeletable attribute is set. The names of the object (Interview handler) and table (tbl_Handler),are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.ObjectId." If "tbl_Handler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ReplacementInterviewHandlerObjectId

Property Name	Value
Description:	Interview handler to use to replace any references to this interview handler before delete.
Notes:	Optional. By default, references will be changed to go to the opening greeting.
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.101. csp_InterviewHandlerModify

Updates the attributes of an InterviewHandler object based on the values passed in via the parameters. The @ObjectId parameter identifies the InterviewHandler object that will be updated. This procedure will also update the AfterMessageAction, DtmfAccessId and VoiceName, if the parameters are passed in. See notes for additional information.

Additional Information

If @DtmfAccessId is passed in and contains a value other than the 'special default' or NULL:

- * If the InterviewHandler does not already have a DtmfAccessId, a new DtmfAccessId object is created.
- * If the InterviewHandler already has a DtmfAccessId, the value of the DtmfAccessId is updated.
- * If @DtmfAccess is set to NULL and the InterviewHandler has an DtmfAccessId, the existing DtmfAccessId object belonging to the specified InterviewHandler is deleted.

If @VoiceName is passed in and contains a value other than the 'special default' :

- * If the InterviewHandler does not already have a VoiceName, a new StreamFile object is created.
- * If the InterviewHandler already has a VoiceName, the value of the VoiceName is updated.
- * If @VoiceName is set to NULL and the InterviewHandler has an existing VoiceName, the existing StreamFile object belonging to the specified InterviewHandler is deleted.

If the Undeletable flag is set for this object in the database, it will remain set. Once an object is set to undeletable it should stay that way.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Optional	@AfterMessage_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@AfterMessage_Target Conversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@AfterMessage_Target HandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Optional	@DtmfAccessId	In	explicit	nvarchar (40 characters)	The dialable number.
Optional	@Language	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the Location object to which this handler belongs.
Optional	@Recipient_DistributionListObjectId	In	inherit	char (36 characters)	The unique identifier of the DistributionList object where the recorded message of the interview handler should be routed.
Optional	@Recipient_SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object where the recorded message of the interview handler should be routed.
Optional	@SendUrgentMsg	In	inherit	smallint (2 bytes)	A flag indicating whether an unidentified caller is given a choice to mark a message as Urgent or Normal, or if not given the choice, whether the message is always marked Normal (default value) or Urgent.
Optional	@Undeetable	In	inherit	smallint (2 bytes)	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseCallLanguage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the interview handler inherit language from location.
Optional	@VoiceName	In	explicit	varchar (40 characters)	New voice file to use for this interview handler.

Exceptions

csp_InterviewHandlerModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified InterviewHandler object was not found. The names of the object (Interview handler), paramter (@Objectid), table (tbl_InterviewHandler), and column (ObjectId) are included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid subscriber object as specified by @Recipient_SubscriberObjectId was not found. Rather the object specified by @Recipient_SubscriberObjectId is a user template. The names of the object (subscriber), parameter (@Recipient_SubscriberObjectId), view (vw_Subscriber), and column (ObjectId) are included with the exception message.

Parameter Properties

@AfterMessage_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AfterMessage_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	The text name of the handler to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, the display name for the default opening greeting call handler is "Opening Greeting."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.DisplayName." If "tbl_Handler.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The Windows Locale ID (LCID) which identifies the language that Cisco Unity Connection plays the handler system prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Language." If "tbl_Handler.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the Location object to which this handler belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.LocationObjectId." If "tbl_Handler.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Handler object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.ObjectId." If "tbl_Handler.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Recipient_DistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object where the recorded message of the interview handler should be routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewHandler.Recipient_DistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewHandler.Recipient_DistributionListObjectId." If "tbl_InterviewHandler.Recipient_DistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Recipient_SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object where the recorded message of the interview handler should be routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewHandler.Recipient_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewHandler.Recipient_SubscriberObjectId." If "tbl_InterviewHandler.Recipient_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SendUrgentMsg

Property Name	Value
Description:	A flag indicating whether an unidentified caller is given a choice to mark a message as Urgent or Normal, or if not given the choice, whether the message is always marked Normal (default value) or Urgent.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewHandler.SendUrgentMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SendUrgentInterviewMsg
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewHandler.SendUrgentMsg." If "tbl_InterviewHandler.SendUrgentMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this handler can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.Undeletable." If "tbl_Handler.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Handler.UseCallLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Handler.UseCallLanguage." If "tbl_Handler.UseCallLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the interview handler inherit language from location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@VoiceName

Property Name	Value
Description:	New voice file to use for this interview handler.
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will remove the existing voice file and accept the new voice file.

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.102. csp_InterviewHandlerQuestionModify

Updates the attributes of an InterviewHandlerQuestion object based on the values passed in via the parameters. The combination of the @InterviewHandlerObjectId and @QuestionNumber parameters identify the InterviewHandlerQuestion object that will be updated. This procedure will also update the VoiceFile (StreamFile object), if the parameter @VoiceFile is passed in.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@InterviewHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the InterviewHandler object to which this interview question belongs.
Required	@QuestionNumber	In	inherit	smallint (2 bytes)	The interview question number. Questions are numbered from 1 to 20.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsActive	In	inherit	smallint (2 bytes)	A flag indicating whether the question is used.
Optional	@MaxMsgLength	In	inherit	smallint (2 bytes)	The maximum recording length (in seconds) allowed for caller responses to the question.
Optional	@StreamText	In	inherit	lvarchar (256 characters)	The complete text of the question used for display purposes.
Optional	@VoiceFile	In	explicit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.

Exceptions

csp_InterviewHandlerQuestionModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@InterviewHandlerObjectId and @QuestionNumber) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The specified InterviewHandlerQuestion object was not found. The names of the object (Interview handler question), table (tbl_InterviewHandlerQuestion), and columns (InterviewHandlerObjectId and QuestionNumber) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@InterviewHandlerObjectId

Property Name	Value
Description:	The unique identifier of the InterviewHandler object to which this interview question belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewQuestion.InterviewHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewQuestion.InterviewHandlerObjectId." If "tbl_InterviewQuestion.InterviewHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsActive

Property Name	Value
Description:	A flag indicating whether the question is used.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewQuestion.IsActive
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewQuestion.IsActive." If "tbl_InterviewQuestion.IsActive" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@MaxMsgLength

Property Name	Value
Description:	The maximum recording length (in seconds) allowed for caller responses to the question.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewQuestion.MaxMsgLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewQuestion.MaxMsgLength." If "tbl_InterviewQuestion.MaxMsgLength" can be NULL, then explicit NULL is allowed.
Default Value:	30
Direction:	In
Update Column Value From Parameter:	True

@QuestionNumber

Property Name	Value
Description:	The interview question number. Questions are numbered from 1 to 20.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewQuestion.QuestionNumber
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewQuestion.QuestionNumber." If "tbl_InterviewQuestion.QuestionNumber" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@StreamText

Property Name	Value
Description:	The complete text of the question used for display purposes.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_InterviewQuestion.StreamText
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_InterviewQuestion.StreamText." If "tbl_InterviewQuestion.StreamText" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@VoiceFile

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.103. csp_IpAddressAccessListCreate

Create an entry in the access list that will allow or deny connections for the SMTP servers on this system from a single address or group of addresses.

Additional Information

The address field can be any valid IPv4 or IPv6 address. It can also be any such address in CIDR format.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Address	In	inherit	varchar (40 characters)	Either the IP address for a single machine, a subnet address for a group of machines, or all addresses in the IPv4 address range (signified by "*"). The address may be in the format of IPv4, IPv4 CIDR (Classless Inter-Domain Routing) , or an asterisk ("*") character which means all IP addresses in the IPv4 range.
Required	@SmtpServerObjectId	In	inherit	char (36 characters)	The unique identifier of the SMTPServer to which this IP address belongs. A Foreign Key to tbl_SmtpServer.ObjectId.
Optional	@AllowConnection	In	inherit	smallint (2 bytes)	A flag indicating whether the SMTP server to which this row belongs, will allow or deny connections from this IP address/group of IP addresses. Values: 0: Deny connections from this IP address/group of IP addresses 1: Allow connections from this IP address/group of IP addresses (default)
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a IPAddressRestriction object.

Exceptions

csp_IpAddressAccessListCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	

Parameter Properties

@Address

Property Name	Value
Description:	Either the IP address for a single machine, a subnet address for a group of machines, or all addresses in the IPv4 address range (signified by "*"). The address may be in the format of IPv4, IPv4 CIDR (Classless Inter-Domain Routing) , or an asterisk ("*") character which means all IP addresses in the IPv4 range.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IpAddressAccessList.Address
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_IpAddressAccessList.Address." If "tbl_IpAddressAccessList.Address" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AllowConnection

Property Name	Value
Description:	A flag indicating whether the SMTP server to which this row belongs, will allow or deny connections from this IP address/group of IP addresses. Values: 0: Deny connections from this IP address/group of IP addresses 1: Allow connections from this IP address/group of IP addresses (default)
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_IpAddressAccessList.AllowConnection
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_IpAddressAccessList.AllowConnection." If "tbl_IpAddressAccessList.AllowConnection" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a IPAddressRestriction object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IpAddressAccessList.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_IpAddressAccessList.ObjectId." If "tbl_IpAddressAccessList.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@SmtpServerObjectId

Property Name	Value
Description:	The unique identifier of the SMTPServer to which this IP address belongs. A Foreign Key to tbl_SmtpServer.ObjectId.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IpAddressAccessList.SmtpServerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_IpAddressAccessList.SmtpServerObjectId." If "tbl_IpAddressAccessList.SmtpServerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.104. csp_IpAddressAccessListDelete

Remove an entry for the access list.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a IPAddressRestriction object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_IpAddressAccessListDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a IPAddressRestriction object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IpAddressAccessList.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_IpAddressAccessList.ObjectId." If "tbl_IpAddressAccessList.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.105. csp_IpAddressAccessListModify

Modify an entry in the access list that will allow or deny connections for the SMTP servers on this system from a single address or group of addresses.

Additional Information

The address field can be any valid IPv4 or IPv6 address. It can also be any such address in CIDR format.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a IPAddressRestriction object.
Optional	@Address	In	inherit	varchar (40 characters)	Either the IP address for a single machine, a subnet address for a group of machines, or all addresses in the IPv4 address range (signified by "*"). The address may be in the format of IPv4, IPv4 CIDR (Classless Inter-Domain Routing) , or an asterisk ("*") character which means all IP addresses in the IPv4 range.
Optional	@AllowConnection	In	inherit	smallint (2 bytes)	A flag indicating whether the SMTP server to which this row belongs, will allow or deny connections from this IP address/group of IP addresses. Values: 0: Deny connections from this IP address/group of IP addresses 1: Allow connections from this IP address/group of IP addresses (default)
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@SmtpServerObjectId	In	inherit	char (36 characters)	The unique identifier of the SMTPServer to which this IP address belongs. A Foreign Key to tbl_SmtpServer.ObjectId.

Exceptions

csp_IpAddressAccessListModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	

Parameter Properties

@Address

Property Name	Value
Description:	Either the IP address for a single machine, a subnet address for a group of machines, or all addresses in the IPv4 address range (signified by "*"). The address may be in the format of IPv4, IPv4 CIDR (Classless Inter-Domain Routing) , or an asterisk ("*") character which means all IP addresses in the IPv4 range.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IpAddressAccessList.Address
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_IpAddressAccessList.Address." If "tbl_IpAddressAccessList.Address" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AllowConnection

Property Name	Value
Description:	A flag indicating whether the SMTP server to which this row belongs, will allow or deny connections from this IP address/group of IP addresses. Values: 0: Deny connections from this IP address/group of IP addresses 1: Allow connections from this IP address/group of IP addresses (default)
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_IpAddressAccessList.AllowConnection
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_IpAddressAccessList.AllowConnection." If "tbl_IpAddressAccessList.AllowConnection" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a IPAddressRestriction object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IpAddressAccessList.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_IpAddressAccessList.ObjectId." If "tbl_IpAddressAccessList.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SmtpServerObjectId

Property Name	Value
Description:	The unique identifier of the SMTPServer to which this IP address belongs. A Foreign Key to tbl_SmtpServer.ObjectId.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IpAddressAccessList.SmtpServerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_IpAddressAccessList.SmtpServerObjectId." If "tbl_IpAddressAccessList.SmtpServerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.106. csp_IPPortReservation_GetNextAvailablePort

Retrieves the next available IpPort from the range(s) reserved

Additional Information

The parameters @IpPortPurposeEnum and @VmsServerObjectId must be provided. Called by csp_MediaPortGroupIPPortCreate. Not called directly by clients.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@IpPortPurposeEnum	In	inherit	smallint (2 bytes)	The purpose for which this IP port is used.
Required	@VmsServerObjectId	In	inherit	char (36 characters)	The unique identifier of the VMSServer object on which this IP port is located.
Optional	@IpPort	Out	ignore	int (4 bytes)	

Exceptions

csp_IPPortReservation_GetNextAvailablePort will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@IpPortPurposeEnum and @VmsServerObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	An available IP Port for the type of integration as specified by @IpPortPurposeEnum was not found. The names of the object (IP port), table (tbl_IPPortReservation), and columns (MinIpPort, MaxIpPort) are included with the exception message.

Parameter Properties

@IpPort

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@IpPortPurposeEnum

Property Name	Value
Description:	The purpose for which this IP port is used.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupIPPort.IpPortPurposeEnum
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	IPPortPurpose
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupIPPort.IpPortPurposeEnum." If "tbl_MediaPortGroupIPPort.IpPortPurposeEnum" can be NULL, then explicit NULL is allowed.
Default Value:	500
Direction:	In
Update Column Value From Parameter:	False

@VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object on which this IP port is located.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupIPPort.VmsServerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupIPPort.VmsServerObjectId." If "tbl_MediaPortGroupIPPort.VmsServerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.107. csp_IPPortReservationCreate

Creates a new IPPortReservation object by inserting a new row into tbl_IPPortReservation. A IPPortReservation object consists of a range of IP ports that are reserved for specific purposes such as reserving IP ports 5060-5300 for SIP.

Additional Information

The parameters @Purpose, @MinIPPort and @MaxIPPort must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MaxIPPort	In	inherit	int (4 bytes)	The upper boundary of the IP port range.
Required	@MinIPPort	In	inherit	int (4 bytes)	The lower boundary of the IP port range.
Required	@Purpose	In	inherit	smallint (2 bytes)	The purpose for which ports in this range can be used.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a IPPortReservation object.
Optional	@VmsServerObjectId	In	inherit	char (36 characters)	The unique identifier of the VMSServer object to which this range applies.

Exceptions

csp_IPPortReservationCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Purpose, @Min, and @Max) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxIPPort

Property Name	Value
Description:	The upper boundary of the IP port range.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.MaxIPPort
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.MaxIPPort." If "tbl_IPPortReservation.MaxIPPort" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MinIPPort

Property Name	Value
Description:	The lower boundary of the IP port range.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.MinIPPort
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.MinIPPort." If "tbl_IPPortReservation.MinIPPort" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a IPPortReservation object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.ObjectId." If "tbl_IPPortReservation.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Purpose

Property Name	Value
Description:	The purpose for which ports in this range can be used.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.Purpose
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	IPPortPurpose
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.Purpose." If "tbl_IPPortReservation.Purpose" can be NULL, then explicit NULL is allowed.
Default Value:	500
Direction:	In
Update Column Value From Parameter:	True

@VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object to which this range applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.VmsServerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.VmsServerObjectId." If "tbl_IPPortReservation.VmsServerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.108. csp_IPPortReservationDelete

Deletes a IPPortReservation object from tbl_IPPortReservation as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a IPPortReservation object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_IPPortReservationDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified IPPortReservation object was not found. The names of the object (IP port reservation), table (tbl_IPPortReservation), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_IPPortReservation), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a IPPortReservation object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.ObjectId." If "tbl_IPPortReservation.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.109. csp_IPPortReservationModify

Updates the attributes of a IPPortReservation object based on the values passed in via the parameters. The @ObjectId parameter identifies the IPPortReservation object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a IPPortReservation object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@MaxIPPort	In	inherit	int (4 bytes)	The upper boundary of the IP port range.
Optional	@MinIPPort	In	inherit	int (4 bytes)	The lower boundary of the IP port range.
Optional	@Purpose	In	inherit	smallint (2 bytes)	The purpose for which ports in this range can be used.
Optional	@VmsServerObjectId	In	inherit	char (36 characters)	The unique identifier of the VMSServer object to which this range applies.

Exceptions

csp_IPPortReservationModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified IPPortReservation object was not found. The names of the object (IP port reservation), table (tbl_IPPortReservation), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxIPPort

Property Name	Value
Description:	The upper boundary of the IP port range.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.MaxIPPort
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.MaxIPPort." If "tbl_IPPortReservation.MaxIPPort" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MiniIPPort

Property Name	Value
Description:	The lower boundary of the IP port range.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.MinIPPort
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.MinIPPort." If "tbl_IPPortReservation.MinIPPort" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a IPPortReservation object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.ObjectId." If "tbl_IPPortReservation.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Purpose

Property Name	Value
Description:	The purpose for which ports in this range can be used.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.Purpose
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	IPPortPurpose
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.Purpose." If "tbl_IPPortReservation.Purpose" can be NULL, then explicit NULL is allowed.
Default Value:	500
Direction:	In
Update Column Value From Parameter:	True

@VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object to which this range applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_IPPortReservation.VmsServerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_IPPortReservation.VmsServerObjectId." If "tbl_IPPortReservation.VmsServerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.110. csp_LicenseFileStatusCreate

Creates a new LicenseFileStatus object by inserting a new row into tbl_LicenseFileStatus.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@FileName	In	inherit	varchar (64 characters)	Name of the license file (not including path).
Required	@Summary	In	inherit	varchar (254 characters)	The reason the install of the file failed (if any).
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@Installed	In	inherit	smallint (2 bytes)	Indicates if license file is installed.

Exceptions

csp_LicenseFileStatusCreate does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FileName

Property Name	Value
Description:	Name of the license file (not including path).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseFileStatus.FileName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseFileStatus.FileName." If "tbl_LicenseFileStatus.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Installed

Property Name	Value
Description:	Indicates if license file is installed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseFileStatus.Installed
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseFileStatus.Installed." If "tbl_LicenseFileStatus.Installed" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Summary

Property Name	Value
Description:	The reason the install of the file failed (if any).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseFileStatus.Summary
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseFileStatus.Summary." If "tbl_LicenseFileStatus.Summary" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.111. csp_LicenseFileStatusDelete

Deletes a LicenseFileStatus object from tbl_LicenseFileStatus as specified by the @FileName parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@FileName	In	inherit	varchar (64 characters)	Name of the license file (not including path).
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_LicenseFileStatusDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameter (@FileName) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FileName

Property Name	Value
Description:	Name of the license file (not including path).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseFileStatus.FileName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseFileStatus.FileName." If "tbl_LicenseFileStatus.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

6.112. csp_LicenseFileStatusModify

Updates the attributes of a LicenseFileStatus object based on the values passed in via the parameters. The @FileName parameter identifies the LicenseFileStatus object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@FileName	In	inherit	varchar (64 characters)	Name of the license file (not including path).
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@Installed	In	inherit	smallint (2 bytes)	Indicates if license file is installed.
Optional	@Summary	In	inherit	varchar (254 characters)	The reason the install of the file failed (if any).

Exceptions

csp_LicenseFileStatusModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameter (@FileName) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	

Property Name	Value
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FileName

Property Name	Value
Description:	Name of the license file (not including path).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseFileStatus.FileName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (64 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseFileStatus.FileName." If "tbl_LicenseFileStatus.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Installed

Property Name	Value
Description:	Indicates if license file is installed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseFileStatus.Installed
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseFileStatus.Installed." If "tbl_LicenseFileStatus.Installed" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Summary

Property Name	Value
Description:	The reason the install of the file failed (if any).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseFileStatus.Summary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseFileStatus.Summary." If "tbl_LicenseFileStatus.Summary" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

6.113. csp_LicenseStatusCreate

Creates a new LicenseStatus object by inserting a new row into tbl_LicenseStatus.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@TagName	In	inherit	varchar (64 characters)	The tag or feature name.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@ComplianceTime	In	inherit	datetime (8 bytes)	The last time when this feature was compliant.
Optional	@ComplianceType	In	inherit	int (4 bytes)	Type of license evaluation for compliance.
Optional	@LastRestartTime	In	inherit	datetime (8 bytes)	The time when the process related to the feature was last restarted.
Optional	@Limit	In	inherit	int (4 bytes)	The limit on the feature as set by the license files. It is a number specifying the count or the enabled/disabled state of the feature.
Optional	@NextExpiryTime	In	inherit	datetime (8 bytes)	The next expiry time for this feature as per the license tags for this feature.
Optional	@Overdraft	In	inherit	int (4 bytes)	Overdraft.
Optional	@RestartLimit	In	inherit	int (4 bytes)	The limit which will be effective after the process related to the feature is restarted.
Optional	@Status	In	inherit	int (4 bytes)	The status value of this license feature.
Optional	@Usage	In	inherit	int (4 bytes)	The current usage of the feature in the system. It is a number specifying the current usage count or if the feature is in use.

Exceptions

csp_LicenseStatusCreate does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ComplianceTime

Property Name	Value
Description:	The last time when this feature was compliant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.ComplianceTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.ComplianceTime." If "tbl_LicenseStatus.ComplianceTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ComplianceType

Property Name	Value
Description:	Type of license evaluation for compliance.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.ComplianceType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LicenseComplianceType
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.ComplianceType." If "tbl_LicenseStatus.ComplianceType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LastRestartTime

Property Name	Value
Description:	The time when the process related to the feature was last restarted.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_LicenseStatus.LastRestartTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.LastRestartTime." If "tbl_LicenseStatus.LastRestartTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Limit

Property Name	Value
Description:	The limit on the feature as set by the license files. It is a number specifying the count or the enabled/disabled state of the feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.Limit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.Limit." If "tbl_LicenseStatus.Limit" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@NextExpiryTime

Property Name	Value
Description:	The next expiry time for this feature as per the license tags for this feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.NextExpiryTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.NextExpiryTime." If "tbl_LicenseStatus.NextExpiryTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Overdraft

Property Name	Value
Description:	Overdraft.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.Overdraft
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.Overdraft." If "tbl_LicenseStatus.Overdraft" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@RestartLimit

Property Name	Value
Description:	The limit which will be effective after the process related to the feature is restarted.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.RestartLimit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.RestartLimit." If "tbl_LicenseStatus.RestartLimit" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@Status

Property Name	Value
Description:	The status value of this license feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.Status
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LicenseStatus
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.Status." If "tbl_LicenseStatus.Status" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TagName

Property Name	Value
Description:	The tag or feature name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.TagName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.TagName." If "tbl_LicenseStatus.TagName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Usage

Property Name	Value
Description:	The current usage of the feature in the system. It is a number specifying the current usage count or 1 if the feature is in use.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.Usage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.Usage." If "tbl_LicenseStatus.Usage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.114. csp_LicenseStatusDelete

Deletes a LicenseStatus object from tbl_LicenseStatus as specified by the @TagName parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@TagName	In	inherit	varchar (64 characters)	The tag or feature name.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_LicenseStatusDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameter (@TagName) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TagName

Property Name	Value
Description:	The tag or feature name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.TagName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.TagName." If "tbl_LicenseStatus.TagName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

6.115. csp_LicenseStatusModify

Updates the attributes of a LicenseStatus object based on the values passed in via the parameters. The @TagName parameter identifies the LicenseStatus object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@TagName	In	inherit	varchar (64 characters)	The tag or feature name.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@ComplianceTime	In	inherit	datetime (8 bytes)	The last time when this feature was compliant.
Optional	@ComplianceType	In	inherit	int (4 bytes)	Type of license evaluation for compliance.
Optional	@LastRestartTime	In	inherit	datetime (8 bytes)	The time when the process related to the feature was last restarted.
Optional	@Limit	In	inherit	int (4 bytes)	The limit on the feature as set by the license files. It is a number specifying the count or the enabled/disabled state of the feature.
Optional	@NextExpiryTime	In	inherit	datetime (8 bytes)	The next expiry time for this feature as per the license tags for this feature.
Optional	@Overdraft	In	inherit	int (4 bytes)	Overdraft.
Optional	@RestartLimit	In	inherit	int (4 bytes)	The limit which will be effective after the process related to the feature is restarted.
Optional	@Status	In	inherit	int (4 bytes)	The status value of this license feature.
Optional	@Usage	In	inherit	int (4 bytes)	The current usage of the feature in the system. It is a number specifying the current usage count or if the feature is in use.

Exceptions

csp_LicenseStatusModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameter (@TagName) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@ComplianceTime

Property Name	Value
Description:	The last time when this feature was compliant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.ComplianceTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.ComplianceTime." If "tbl_LicenseStatus.ComplianceTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ComplianceType

Property Name	Value
Description:	Type of license evaluation for compliance.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.ComplianceType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LicenseComplianceType
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.ComplianceType." If "tbl_LicenseStatus.ComplianceType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LastRestartTime

Property Name	Value
Description:	The time when the process related to the feature was last restarted.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.LastRestartTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.LastRestartTime." If "tbl_LicenseStatus.LastRestartTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Limit

Property Name	Value
Description:	The limit on the feature as set by the license files. It is a number specifying the count or the enabled/disabled state of the feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.Limit
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.Limit." If "tbl_LicenseStatus.Limit" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@NextExpiryTime

Property Name	Value
Description:	The next expiry time for this feature as per the license tags for this feature.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.NextExpiryTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.NextExpiryTime." If "tbl_LicenseStatus.NextExpiryTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Overdraft

Property Name	Value
Description:	Overdraft.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.Overdraft
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.Overdraft." If "tbl_LicenseStatus.Overdraft" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@RestartLimit

Property Name	Value
Description:	The limit which will be effective after the process related to the feature is restarted.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.RestartLimit

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.RestartLimit." If "tbl_LicenseStatus.RestartLimit" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Status

Property Name	Value
Description:	The status value of this license feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.Status
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LicenseStatus
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.Status." If "tbl_LicenseStatus.Status" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TagName

Property Name	Value
Description:	The tag or feature name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.TagName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.TagName." If "tbl_LicenseStatus.TagName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Usage

Property Name	Value
Description:	The current usage of the feature in the system. It is a number specifying the current usage count or if the feature is in use.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LicenseStatus.Usage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LicenseStatus.Usage." If "tbl_LicenseStatus.Usage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.116. csp_LocationDelete

Deletes a Location object from tbl_Location as specified by the @ObjectId parameter.

Additional Information

If a DtmfAccessId object exists in tbl_DtmfAccessId for this location, this procedure will delete the DtmfAccessId object from tbl_DtmfAccessId.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Location object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_LocationDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The Location object for the specified @ObjectId was not found. The names of the object (Location), table (tbl_Location), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Location), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Location object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Location.ObjectId." If "tbl_Location.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.117. csp_LocationVMSCreate

Creates a new LocationVMS object by inserting a new row into tbl_LocationVMS. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.

Additional Information

The parameters @DisplayName and @SmtpDomain must be provided.

The value of @DefaultWaveFormatObjectId is set to the well-known GUID of the 8K PCM u-Law WaveFormat object.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Required	@SmtpDomain	In	inherit	varchar (255 characters)	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtpAddress).
Optional	@AddressingMaxScope	In	inherit	smallint (2 bytes)	The scope (e.g., local VMS, dialing domain, entire Unity organization) of the search that Cisco Unity Connection performs when searching for a matching extension in the following cases: <ul style="list-style-type: none"> * When a subscriber addresses a message by using the phone. * When subscribers add members to private lists by using the phone or the Cisco Unity Connection Assistant. * When an administrator adds members to system or personal distribution lists by using the Cisco Unity Connection Administration. * When Cisco Unity Connection looks up the recipient for an incoming AMIS message.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AgcTargetDb	In	inherit	smallint (2 bytes)	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Optional	@AllowBlindAddressing	In	inherit	smallint (2 bytes)	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BlindAddressingMaxScope	In	inherit	smallint (2 bytes)	The scope (e.g., none, local VMS server, dialing domain, entire Unity organization) of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.
Optional	@DefaultLanguage	In	inherit	int (4 bytes)	Default language for subscribers and call handlers.
Optional	@DefaultTTSLanguage	In	inherit	int (4 bytes)	Default language to use for TTS playback.
Optional	@DefaultWaveFormatObjectId	In	inherit	char (36 characters)	The unique identifier of the WaveFormat object that specifies the wave format in which recorded messages are stored if the requested format is not available on the system.
Optional	@DialingDomainName	In	inherit	nvarchar (40 characters)	The name of the dialing domain of which this location is a member.
Optional	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Optional	@IncludeLocations	In	inherit	smallint (2 bytes)	A flag indicating whether locations are included in searches. If set on the LocationVMS, the conversation will include locations in the search results.
Optional	@IsPrimary	In	inherit	smallint (2 bytes)	A flag indicating whether this location object is the "primary" location, which cannot be deleted. (Used to prevent deletion of factory defaults.)

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@KeypadMapId	In	inherit	smallint (2 bytes)	The keypad map used by this location. The keypad map specifies the numeric keys to which the letters Q and Z are assigned to on the phone. This is specified during Cisco Unity Connection setup.
Optional	@LastLicenseEvalTime	In	inherit	datetime (8 bytes)	The last time the license evaluation was done.
Optional	@LocalPhonePrefix	In	inherit	nvarchar (64 characters)	<p>The number that is used to construct addresses for Cisco Unity Connection subscribers who send messages to individuals who use the voice messaging system that corresponds to this delivery location.</p> <p>On outgoing messages from Cisco Unity Connection subscribers to subscribers at this VPIM location, the prefix is added to the beginning of the sender mailbox number to form the From address.</p> <p>On incoming messages to Cisco Unity Connection subscribers from subscribers at this VPIM location, the prefix is removed from the beginning of the recipient mailbox number to form the To address.</p>
Optional	@MaxContacts	In	inherit	int (4 bytes)	The maximum number of contacts that can be created for this location.
Optional	@MaxGreetingLength	In	inherit	int (4 bytes)	The maximum length (in seconds) allowed for recording a system greeting.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a LocationVMS object.
Optional	@OverallLicenseState	In	inherit	int (4 bytes)	Specifies the overall license state. It is valid if none of the license feature is in shutdown state. When this state becomes shutdown, the application will be shutdown.
Optional	@SkinnyLocalCACertificate	In	inherit	lvarchar (8000 characters)	The X.509 certificate formatted as a PEM format string (base-64 encoded).

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SkinnyLocalCACertificateFileName	In	inherit	nvarchar (40 characters)	The file name that should be assigned to the SkinnyLocalCACertificate to install the certificate on the Cisco Unified Communications Manager server(s). Installing the certificate on the CCM servers causes CCM to trust any Skinny device certificates signed by it, which is what we need to establish TLS Skinny connections to the CCM servers in the cluster.
Optional	@SkinnyLocalCAPrivateKey	In	inherit	lvarchar (8000 characters)	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Optional	@SmtpSmartHost	In	inherit	varchar (40 characters)	IP address or host name of SMTP smart host.
Optional	@TimeZone	In	inherit	int (4 bytes)	The TimeZone associated with this VMS.
Optional	@TransferDialString	In	inherit	nvarchar (128 characters)	The phone number that a local Cisco Unity Connection VMS server dials to transfer a call to this Cisco Unity Connection VMS server.
Optional	@TransferNumberOfRings	In	inherit	int (4 bytes)	The number of rings the local Cisco Unity Connection VMS server waits for this Cisco Unity Connection VMS server to answer. If this Cisco Unity Connection VMS server does not answer after the specified number of rings, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TransferTimeout	In	inherit	int (4 bytes)	The amount of time (in milliseconds) the local Cisco Unity Connection VMS server will wait for a response from this Cisco Unity Connection VMS server after this Cisco Unity Connection VMS server has answered the call. If this VMS server does not respond within the specified time period, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Optional	@VoiceName	In	inherit	varchar (40 characters)	Voice file to use for this location's voice name.

Exceptions

csp_LocationVMSCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DisplayName and @SmtptDomain) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AddressingMaxScope

Property Name	Value
Description:	<p>The scope (e.g., local VMS, dialing domain, entire Unity organization) of the search that Cisco Unity Connection performs when searching for a matching extension in the following cases:</p> <ul style="list-style-type: none"> * When a subscriber addresses a message by using the phone. * When subscribers add members to private lists by using the phone or the Cisco Unity Connection Assistant. * When an administrator adds members to system or personal distribution lists by using the Cisco Unity Connection Administration. * When Cisco Unity Connection looks up the recipient for an incoming AMIS message.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.AddressingMaxScope
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	AddressingMaxScope
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.AddressingMaxScope." If "tbl_LocationVMS.AddressingMaxScope" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AgcTargetDb

Property Name	Value
Description:	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.AgcTargetDb
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.AgcTargetDb." If "tbl_LocationVMS.AgcTargetDb" can be NULL, then explicit NULL is allowed.
Default Value:	-26
Direction:	In
Update Column Value From Parameter:	True

@AllowBlindAddressing

Property Name	Value
Description:	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.AllowBlindAddressing
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.AllowBlindAddressing." If "tbl_LocationVMS.AllowBlindAddressing" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@BlindAddressingMaxScope

Property Name	Value
Description:	The scope (e.g., none, local VMS server, dialing domain, entire Unity organization) of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.BlindAddressingMaxScope
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	BlindAddressingMaxScope
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.BlindAddressingMaxScope." If "tbl_LocationVMS.BlindAddressingMaxScope" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DefaultLanguage

Property Name	Value
Description:	Default language for subscribers and call handlers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.DefaultLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.DefaultLanguage." If "tbl_LocationVMS.DefaultLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1033
Direction:	In
Update Column Value From Parameter:	True

@DefaultTTSLanguage

Property Name	Value
Description:	Default language to use for TTS playback.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.DefaultTTSLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.DefaultTTSLanguage." If "tbl_LocationVMS.DefaultTTSLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1033
Direction:	In
Update Column Value From Parameter:	True

@DefaultWaveFormatObjectId

Property Name	Value
Description:	The unique identifier of the WaveFormat object that specifies the wave format in which recorded messages are stored if the requested format is not available on the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.DefaultWaveFormatObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.DefaultWaveFormatObjectId." If "tbl_LocationVMS.DefaultWaveFormatObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	'8961a48d-085d-4023-a4b4-6f682f8a8578'
Direction:	In
Update Column Value From Parameter:	True

@DialingDomainName

Property Name	Value
Description:	The name of the dialing domain of which this location is a member.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.DialingDomainName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Location.DialingDomainName." If "tbl_Location.DialingDomainName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Location.DisplayName." If "tbl_Location.DisplayName" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	A DtmfAccessId (extension) is optional. This will be used when multiple locations are allowed such as in K2.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IncludeLocations

Property Name	Value
Description:	A flag indicating whether locations are included in searches. If set on the LocationVMS, the conversation will include locations in the search results.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.IncludeLocations
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.IncludeLocations." If "tbl_LocationVMS.IncludeLocations" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@IsPrimary

Property Name	Value
Description:	A flag indicating whether this location object is the "primary" location, which cannot be deleted. (Used to prevent deletion of factory defaults.)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.IsPrimary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.IsPrimary." If "tbl_LocationVMS.IsPrimary" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@KeypadMapId

Property Name	Value
Description:	The keypad map used by this location. The keypad map specifies the numeric keys to which the letters Q and Z are assigned to on the phone. This is specified during Cisco Unity Connection setup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.KeypadMapId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	KeypadMap
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.KeypadMapId." If "tbl_LocationVMS.KeypadMapId" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LastLicenseEvalTime

Property Name	Value
Description:	The last time the license evaluation was done.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.LastLicenseEvalTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.LastLicenseEvalTime." If "tbl_LocationVMS.LastLicenseEvalTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocalPhonePrefix

Property Name	Value
Description:	<p>The number that is used to construct addresses for Cisco Unity Connection subscribers who send messages to individuals who use the voice messaging system that corresponds to this delivery location.</p> <p>On outgoing messages from Cisco Unity Connection subscribes to subscribers at this VPIM location, the prefix is added to the beginning of the sender mailbox number to form the From address.</p> <p>On incoming messages to Cisco Unity Connection subscribers from subscribers at this VPIM location, the prefix is removed from the beginning of the recipient mailbox number to form the To address.</p>
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.LocalPhonePrefix
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.LocalPhonePrefix." If "tbl_LocationVMS.LocalPhonePrefix" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@MaxContacts

Property Name	Value
Description:	The maximum number of contacts that can be created for this location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.MaxContacts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.MaxContacts." If "tbl_LocationVMS.MaxContacts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MaxGreetingLength

Property Name	Value
Description:	The maximum length (in seconds) allowed for recording a system greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.MaxGreetingLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.MaxGreetingLength." If "tbl_LocationVMS.MaxGreetingLength" can be NULL, then explicit NULL is allowed.
Default Value:	90
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a LocationVMS object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.ObjectId." If "tbl_LocationVMS.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@OverallLicenseState

Property Name	Value
Description:	Specifies the overall license state. It is valid if none of the license feature is in shutdown state. When this state becomes shutdown, the application will be shutdown.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.OverallLicenseState
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LicenseStatus
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.OverallLicenseState." If "tbl_LocationVMS.OverallLicenseState" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SkinnyLocalCACertificate

Property Name	Value
Description:	The X.509 certificate formatted as a PEM format string (base-64 encoded).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.SkinnyLocalCACertificate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (8000 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.SkinnyLocalCACertificate." If "tbl_LocationVMS.SkinnyLocalCACertificate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SkinnyLocalCACertificateFileName

Property Name	Value
Description:	The file name that should be assigned to the SkinnyLocalCACertificate to install the certificate on the Cisco Unified Communications Manager server(s). Installing the certificate on the CCM servers causes CCM to trust any Skinny device certificates signed by it, which is what we need to establish TLS Skinny connections to the CCM servers in the cluster.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.SkinnyLocalCACertificateFileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.SkinnyLocalCACertificateFileName." If "tbl_LocationVMS.SkinnyLocalCACertificateFileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SkinnyLocalCAPrivateKey

Property Name	Value
Description:	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.SkinnyLocalCAPrivateKey
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (8000 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.SkinnyLocalCAPrivateKey." If "tbl_LocationVMS.SkinnyLocalCAPrivateKey" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SmtDomain

Property Name	Value
Description:	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtAddress).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.SmtDomain
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DomainName
Null Handling:	Inherit - inherit parameter value from "tbl_Location.SmtDomain." If "tbl_Location.SmtDomain" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SmtSmartHost

Property Name	Value
Description:	IP address or host name of SMTP smart host.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.SmtipSmartHost
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.SmtipSmartHost." If "tbl_LocationVMS.SmtipSmartHost" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	The TimeZone associated with this VMS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.TimeZone." If "tbl_LocationVMS.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@TransferDialString

Property Name	Value
Description:	The phone number that a local Cisco Unity Connection VMS server dials to transfer a call to this Cisco Unity Connection VMS server.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.TransferDialString
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.TransferDialString." If "tbl_LocationVMS.TransferDialString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TransferNumberOfRings

Property Name	Value
Description:	The number of rings the local Cisco Unity Connection VMS server waits for this Cisco Unity Connection VMS server to answer. If this Cisco Unity Connection VMS server does not answer after the specified number of rings, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.TransferNumberOfRings
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.TransferNumberOfRings." If "tbl_LocationVMS.TransferNumberOfRings" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@TransferTimeout

Property Name	Value
Description:	The amount of time (in milliseconds) the local Cisco Unity Connection VMS server will wait for a response from this Cisco Unity Connection VMS server after this Cisco Unity Connection VMS server has answered the call. If this VMS server does not respond within the specified time period, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.TransferTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.TransferTimeout." If "tbl_LocationVMS.TransferTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	5000
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for this location's voice name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.118. csp_LocationVMSDelete

Deletes a LocationVMS object from tbl_LocationVMS as specified by the @ObjectId parameter.

Additional Information

The corresponding Location object in tbl_Location will be automatically deleted by SQL via the FK cascade delete constraint.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Location object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_LocationVMSDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions can cause a Object Not found exception to be thrown: 1. The LocationVMS object specified by the @ObjectId was not found. The names of the object (Location VMS), table (tbl_LocationVMS), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_LocationVMS), and the column (----) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Location object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Location.ObjectId." If "tbl_Location.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.119. csp_LocationVMSModify

Updates the attributes of a LocationVMS object and those attributes of a Location object relevant to a VMS based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVMS and Location objects that are updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a LocationVMS object.
Optional	@AddressingMaxScope	In	inherit	smallint (2 bytes)	The scope (e.g., local VMS, dialing domain, entire Unity organization) of the search that Cisco Unity Connection performs when searching for a matching extension in the following cases: <ul style="list-style-type: none"> * When a subscriber addresses a message by using the phone. * When subscribers add members to private lists by using the phone or the Cisco Unity Connection Assistant. * When an administrator adds members to system or personal distribution lists by using the Cisco Unity Connection Administration. * When Cisco Unity Connection looks up the recipient for an incoming AMIS message.
Optional	@AgcTargetDb	In	inherit	smallint (2 bytes)	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Optional	@AllowBlindAddressing	In	inherit	smallint (2 bytes)	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BlindAddressingMaxScope	In	inherit	smallint (2 bytes)	The scope (e.g., none, local VMS server, dialing domain, entire Unity organization) of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.
Optional	@DefaultLanguage	In	inherit	int (4 bytes)	Default language for subscribers and call handlers.
Optional	@DefaultTTSLanguage	In	inherit	int (4 bytes)	Default language to use for TTS playback.
Optional	@DefaultWaveFormatObjectId	In	inherit	char (36 characters)	The unique identifier of the WaveFormat object that specifies the wave format in which recorded messages are stored if the requested format is not available on the system.
Optional	@DialingDomainName	In	inherit	nvarchar (40 characters)	The name of the dialing domain of which this location is a member.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DtmfAccessId	In	explicit	nvarchar (40 characters)	The dialable number.
Optional	@IncludeLocations	In	inherit	smallint (2 bytes)	A flag indicating whether locations are included in searches. If set on the LocationVMS, the conversation will include locations in the search results.
Optional	@IsPrimary	In	inherit	smallint (2 bytes)	A flag indicating whether this location object is the "primary" location, which cannot be deleted. (Used to prevent deletion of factory defaults.)
Optional	@KeypadMapId	In	inherit	smallint (2 bytes)	The keypad map used by this location. The keypad map specifies the numeric keys to which the letters Q and Z are assigned to on the phone. This is specified during Cisco Unity Connection setup.
Optional	@LastLicenseEvalTime	In	inherit	datetime (8 bytes)	The last time the license evaluation was done.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@LocalPhonePrefix	In	inherit	nvarchar (64 characters)	<p>The number that is used to construct addresses for Cisco Unity Connection subscribers who send messages to individuals who use the voice messaging system that corresponds to this delivery location.</p> <p>On outgoing messages from Cisco Unity Connection subscribers to subscribers at this VPIM location, the prefix is added to the beginning of the sender mailbox number to form the From address.</p> <p>On incoming messages to Cisco Unity Connection subscribers from subscribers at this VPIM location, the prefix is removed from the beginning of the recipient mailbox number to form the To address.</p>
Optional	@MaxContacts	In	inherit	int (4 bytes)	The maximum number of contacts that can be created for this location.
Optional	@MaxGreetingLength	In	inherit	int (4 bytes)	The maximum length (in seconds) allowed for recording a system greeting.
Optional	@NoLicenseCheck	In	explicit-withdefault	smallint (2 bytes)	Set to 1 to circumvent licensing check.
Optional	@OverallLicenseState	In	inherit	int (4 bytes)	Specifies the overall license state. It is valid if none of the license feature is in shutdown state. When this state becomes shutdown, the application will be shutdown.
Optional	@SkinnyLocalCACertificate	In	inherit	lvarchar (8000 characters)	The X.509 certificate formatted as a PEM format string (base-64 encoded).
Optional	@SkinnyLocalCACertificateFileName	In	inherit	nvarchar (40 characters)	The file name that should be assigned to the SkinnyLocalCACertificate to install the certificate on the Cisco Unified Communications Manager server(s). Installing the certificate on the CCM servers causes CCM to trust any Skinny device certificates signed by it, which is what we need to establish TLS Skinny connections to the CCM servers in the cluster.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SkinnyLocalCAPrivateKey	In	inherit	lvarchar (8000 characters)	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Optional	@SmtDomain	In	inherit	vvarchar (255 characters)	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtAddress).
Optional	@SmtSmartHost	In	inherit	vvarchar (40 characters)	IP address or host name of SMTP smart host.
Optional	@TimeZone	In	inherit	int (4 bytes)	The TimeZone associated with this VMS.
Optional	@TransferDialString	In	inherit	nvarchar (128 characters)	The phone number that a local Cisco Unity Connection VMS server dials to transfer a call to this Cisco Unity Connection VMS server.
Optional	@TransferNumberOfRings	In	inherit	int (4 bytes)	The number of rings the local Cisco Unity Connection VMS server waits for this Cisco Unity Connection VMS server to answer. If this Cisco Unity Connection VMS server does not answer after the specified number of rings, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Optional	@TransferTimeout	In	inherit	int (4 bytes)	The amount of time (in milliseconds) the local Cisco Unity Connection VMS server will wait for a response from this Cisco Unity Connection VMS server after this Cisco Unity Connection VMS server has answered the call. If this VMS server does not respond within the specified time period, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Optional	@VoiceName	In	explicit	vvarchar (40 characters)	Voice file to use for this location's voice name.

Exceptions

csp_LocationVMSModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The LocationVMS object specified by the @ObjectId was not found. The names of the object (Location VMS), table (tbl_LocationVMS), and column (ObjectId) are included with the exception message.

Parameter Properties

@AddressingMaxScope

Property Name	Value
Description:	The scope (e.g., local VMS, dialing domain, entire Unity organization) of the search that Cisco Unity Connection performs when searching for a matching extension in the following cases: <ul style="list-style-type: none"> * When a subscriber addresses a message by using the phone. * When subscribers add members to private lists by using the phone or the Cisco Unity Connection Assistant. * When an administrator adds members to system or personal distribution lists by using the Cisco Unity Connection Administration. * When Cisco Unity Connection looks up the recipient for an incoming AMIS message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.AddressingMaxScope
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	AddressingMaxScope
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.AddressingMaxScope." If "tbl_LocationVMS.AddressingMaxScope" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AgcTargetDb

Property Name	Value
Description:	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.AgcTargetDb
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.AgcTargetDb." If "tbl_LocationVMS.AgcTargetDb" can be NULL, then explicit NULL is allowed.
Default Value:	-26
Direction:	In
Update Column Value From Parameter:	True

@AllowBlindAddressing

Property Name	Value
Description:	A flag indicating whether messages can be addressed to this location without an existing handler or subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.AllowBlindAddressing
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.AllowBlindAddressing." If "tbl_LocationVMS.AllowBlindAddressing" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@BlindAddressingMaxScope

Property Name	Value
Description:	The scope (e.g., none, local VMS server, dialing domain, entire Unity organization) of the blind addressing search for a matching delivery location that Cisco Unity Connection performs when a subscriber addresses a message by using the phone.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.BlindAddressingMaxScope
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	BlindAddressingMaxScope
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.BlindAddressingMaxScope." If "tbl_LocationVMS.BlindAddressingMaxScope" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DefaultLanguage

Property Name	Value
Description:	Default language for subscribers and call handlers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.DefaultLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.DefaultLanguage." If "tbl_LocationVMS.DefaultLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1033
Direction:	In
Update Column Value From Parameter:	True

@DefaultTTSLanguage

Property Name	Value
Description:	Default language to use for TTS playback.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_LocationVMS.DefaultTTSLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.DefaultTTSLanguage." If "tbl_LocationVMS.DefaultTTSLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1033
Direction:	In
Update Column Value From Parameter:	True

@DefaultWaveFormatObjectId

Property Name	Value
Description:	The unique identifier of the WaveFormat object that specifies the wave format in which recorded messages are stored if the requested format is not available on the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.DefaultWaveFormatObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.DefaultWaveFormatObjectId." If "tbl_LocationVMS.DefaultWaveFormatObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	'8961a48d-085d-4023-a4b4-6f682f8a8578'
Direction:	In
Update Column Value From Parameter:	True

@DialingDomainName

Property Name	Value
Description:	The name of the dialing domain of which this location is a member.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Location.DialingDomainName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Location.DialingDomainName." If "tbl_Location.DialingDomainName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Location.DisplayName." If "tbl_Location.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	A DtmfAccessId (extension) is optional. This will be used when multiple locations are allowed such as in K2.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IncludeLocations

Property Name	Value
Description:	A flag indicating whether locations are included in searches. If set on the LocationVMS, the conversation will include locations in the search results.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.IncludeLocations
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.IncludeLocations." If "tbl_LocationVMS.IncludeLocations" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@IsPrimary

Property Name	Value
Description:	A flag indicating whether this location object is the "primary" location, which cannot be deleted. (Used to prevent deletion of factory defaults.)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.IsPrimary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.IsPrimary." If "tbl_LocationVMS.IsPrimary" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@KeypadMapId

Property Name	Value
Description:	The keypad map used by this location. The keypad map specifies the numeric keys to which the letters Q and Z are assigned to on the phone. This is specified during Cisco Unity Connection setup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.KeypadMapId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	KeypadMap
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.KeypadMapId." If "tbl_LocationVMS.KeypadMapId" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LastLicenseEvalTime

Property Name	Value
Description:	The last time the license evaluation was done.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.LastLicenseEvalTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.LastLicenseEvalTime." If "tbl_LocationVMS.LastLicenseEvalTime" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocalPhonePrefix

Property Name	Value
Description:	<p>The number that is used to construct addresses for Cisco Unity Connection subscribers who send messages to individuals who use the voice messaging system that corresponds to this delivery location.</p> <p>On outgoing messages from Cisco Unity Connection subscribes to subscribers at this VPIM location, the prefix is added to the beginning of the sender mailbox number to form the From address.</p> <p>On incoming messages to Cisco Unity Connection subscribers from subscribers at this VPIM location, the prefix is removed from the beginning of the recipient mailbox number to form the To address.</p>
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.LocalPhonePrefix
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.LocalPhonePrefix." If "tbl_LocationVMS.LocalPhonePrefix" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MaxContacts

Property Name	Value
Description:	The maximum number of contacts that can be created for this location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.MaxContacts
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.MaxContacts." If "tbl_LocationVMS.MaxContacts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MaxGreetingLength

Property Name	Value
Description:	The maximum length (in seconds) allowed for recording a system greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.MaxGreetingLength
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.MaxGreetingLength." If "tbl_LocationVMS.MaxGreetingLength" can be NULL, then explicit NULL is allowed.
Default Value:	90
Direction:	In
Update Column Value From Parameter:	True

@NoLicenseCheck

Property Name	Value
Description:	Set to 1 to circumvent licensing check.
Notes:	License checks are performed in the background as well, this is only for temporarily adding ports before a license is purchased.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0."
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a LocationVMS object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.ObjectId." If "tbl_LocationVMS.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@OverallLicenseState

Property Name	Value
Description:	Specifies the overall license state. It is valid if none of the license feature is in shutdown state. When this state becomes shutdown, the application will be shutdown.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.OverallLicenseState
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LicenseStatus

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.OverallLicenseState." If "tbl_LocationVMS.OverallLicenseState" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SkinnyLocalCACertificate

Property Name	Value
Description:	The X.509 certificate formatted as a PEM format string (base-64 encoded).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.SkinnyLocalCACertificate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (8000 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.SkinnyLocalCACertificate." If "tbl_LocationVMS.SkinnyLocalCACertificate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SkinnyLocalCACertificateFileName

Property Name	Value
Description:	The file name that should be assigned to the SkinnyLocalCACertificate to install the certificate on the Cisco Unified Communications Manager server(s). Installing the certificate on the CCM servers causes CCM to trust any Skinny device certificates signed by it, which is what we need to establish TLS Skinny connections to the CCM servers in the cluster.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.SkinnyLocalCACertificateFileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.SkinnyLocalCACertificateFileName." If "tbl_LocationVMS.SkinnyLocalCACertificateFileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SkinnyLocalCAPrivateKey

Property Name	Value
Description:	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.SkinnyLocalCAPrivateKey
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (8000 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.SkinnyLocalCAPrivateKey." If "tbl_LocationVMS.SkinnyLocalCAPrivateKey" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SmtpDomain

Property Name	Value
Description:	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtpAddress).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.SmtpDomain
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DomainName
Null Handling:	Inherit - inherit parameter value from "tbl_Location.SmtDomain." If "tbl_Location.SmtDomain" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SmtSmartHost

Property Name	Value
Description:	IP address or host name of SMTP smart host.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.SmtSmartHost
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.SmtSmartHost." If "tbl_LocationVMS.SmtSmartHost" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	The TimeZone associated with this VMS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.TimeZone." If "tbl_LocationVMS.TimeZone" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@TransferDialString

Property Name	Value
Description:	The phone number that a local Cisco Unity Connection VMS server dials to transfer a call to this Cisco Unity Connection VMS server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.TransferDialString
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.TransferDialString." If "tbl_LocationVMS.TransferDialString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TransferNumberOfRings

Property Name	Value
Description:	The number of rings the local Cisco Unity Connection VMS server waits for this Cisco Unity Connection VMS server to answer. If this Cisco Unity Connection VMS server does not answer after the specified number of rings, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.TransferNumberOfRings
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.TransferNumberOfRings." If "tbl_LocationVMS.TransferNumberOfRings" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@TransferTimeout

Property Name	Value
Description:	The amount of time (in milliseconds) the local Cisco Unity Connection VMS server will wait for a response from this Cisco Unity Connection VMS server after this Cisco Unity Connection VMS server has answered the call. If this VMS server does not respond within the specified time period, a prompt is played that says that the Cisco Unity Connection VMS server could not be reached, and the call is transferred to the opening greeting of the local Cisco Unity Connection VMS server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVMS.TransferTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVMS.TransferTimeout." If "tbl_LocationVMS.TransferTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	5000
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for this location's voice name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid

Property Name	Value
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.120. csp_LocationVPIMCreate

Creates a new LocationVPIM object by inserting a new row into tbl_LocationVPIM. A corresponding base Location object is also created in tbl_Location by executing csp_LocationCreate.

Additional Information

The corresponding Location object in tbl_Location will be automatically deleted by SQL via the FK cascade delete constraint.

Parameters for the following columns are excluded because they serve no purpose when creating a LocationVPIM object:

- LastDirectoryPush
- PushDirectory

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Required	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Required	@SmtDomain	In	inherit	varchar (255 characters)	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtAddress).
Optional	@AudioFormatIncoming	In	inherit	smallint (2 bytes)	An enumeration indicating whether incoming VPIM messages from the remote system corresponding to this location should be converted to another audio format.
Optional	@AudioFormatOutgoing	In	inherit	smallint (2 bytes)	An enumeration indicating whether VPIM messages from Unity to the remote system corresponding to this location should be converted to another audio format.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AutoCreateDisplayNameRule	In	inherit	varchar (128 characters)	Indicates how text names on incoming messages will be mapped to the display name for auto-created contacts. A value of NULL indicates the text name is mapped directly to the display name of the contact. A non-null value indicates this is a custom rule that defines the mapping of the text name to the display name. Example: <FirstName>, <LastName>
Optional	@AutoCreateExtensionRule	In	inherit	smallint (2 bytes)	An enumeration indicating how the phone number on incoming VPIM messages should be mapped to the extension for the auto-created contact.
Optional	@ContactTemplateObjectId	In	inherit	char (36 characters)	The template upon which to base new contacts created whose destination for messages is this LocationVPIM.
Optional	@DialingDomainName	In	inherit	nvarchar (40 characters)	The name of the dialing domain of which this location is a member.
Optional	@EnableAGC	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should apply software-based gain control to messages received from this VPIM location.
Optional	@EnableAutoCreateContact	In	inherit	smallint (2 bytes)	A flag indicating whether a contact is automatically created when messages are received from senders at this location.
Optional	@EnableAutoCreateNoVoiceName	In	inherit	smallint (2 bytes)	A flag indicating whether a contact is automatically created/updated when the incoming VPIM message does not include a recorded voice name.
Optional	@EnableAutoDeleteContact	In	inherit	smallint (2 bytes)	A flag indicating whether a contact is automatically deleted when an NDR is received.
Optional	@EnableAutoUpdateContact	In	inherit	smallint (2 bytes)	An enumeration indicating whether a contact is automatically updated when messages are received from senders at this location, and if so, under what condition the contact is updated.
Optional	@EnableAutoUpdateContactDisplayName	In	inherit	smallint (2 bytes)	A flag indicating whether a contact's display name is updated when a contact is automatically updated.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@EnableOutgoingPrivateMessages	In	inherit	smallint (2 bytes)	A flag indicating whether outgoing messages can be marked "Private."
Optional	@EnableOutgoingSecureMessages	In	inherit	smallint (2 bytes)	A flag indicating whether outgoing messages can be marked "Secure."
Optional	@IncludeSenderVoiceName	In	inherit	smallint (2 bytes)	A flag indicating whether Unity adds the sender's recorded voice name to an outgoing VPIM message.
Optional	@IpAddress	In	inherit	varchar (40 characters)	The IP address of the VPIM server for this location.
Optional	@ListContactsInDirectory	In	inherit	smallint (2 bytes)	A flag indicating whether a contact should be listed in the phone directory for outside callers, when a contact is automatically created. Default value is 0. Values: 0: Do not list contact in directory 1: List contact in directory
Optional	@LocalPhonePrefix	In	inherit	varchar (64 characters)	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Contact object
Optional	@RemotePhonePrefix	In	inherit	varchar (64 characters)	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Optional	@UseSmartSmtphost	In	inherit	smallint (2 bytes)	A flag indicating whether the Unity Connection SMTP server forwards messages to the SMTP Smart Host for delivery. Values: 0: Do not forward to SMTP Smart Host 1: Forward message to SMTP Smart Host
Optional	@VoiceName	In	inherit	varchar (40 characters)	Voice file to use for this location's voice name.

Exceptions

csp_LocationVPIMCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	

Parameter Properties

@AudioFormatIncoming

Property Name	Value
Description:	An enumeration indicating whether incoming VPIM messages from the remote system corresponding to this location should be converted to another audio format.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.AudioFormatIncoming
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	VpimAudioFormatIncoming
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.AudioFormatIncoming." If "tbl_LocationVPIM.AudioFormatIncoming" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AudioFormatOutgoing

Property Name	Value
Description:	An enumeration indicating whether VPIM messages from Unity to the remote system corresponding to this location should be converted to another audio format.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.AudioFormatOutgoing
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	VpimAudioFormatOutgoing
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.AudioFormatOutgoing." If "tbl_LocationVPIM.AudioFormatOutgoing" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AutoCreateDisplayNameRule

Property Name	Value
Description:	Indicates how text names on incoming messages will be mapped to the display name for auto-created contacts. A value of NULL indicates the text name is mapped directly to the display name of the contact. A non-null value indicates this is a custom rule that defines the mapping of the text name to the display name. Example: <FirstName>, <LastName>
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.AutoCreateDisplayNameRule
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.AutoCreateDisplayNameRule." If "tbl_LocationVPIM.AutoCreateDisplayNameRule" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AutoCreateExtensionRule

Property Name	Value
Description:	An enumeration indicating how the phone number on incoming VPIM messages should be mapped to the extension for the auto-created contact.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.AutoCreateExtensionRule
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	VpimAutoCreateExtensionRule
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.AutoCreateExtensionRule." If "tbl_LocationVPIM.AutoCreateExtensionRule" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@ContactTemplateObjectId

Property Name	Value
Description:	The template upon which to base new contacts created whose destination for messages is this LocationVPIM.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.ContactTemplateObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.ContactTemplateObjectId." If "tbl_LocationVPIM.ContactTemplateObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DialingDomainName

Property Name	Value
Description:	The name of the dialing domain of which this location is a member.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.DialingDomainName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Location.DialingDomainName." If "tbl_Location.DialingDomainName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Location.DisplayName." If "tbl_Location.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EnableAGC

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should apply software-based gain control to messages received from this VPIM location.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAGC
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAGC." If "tbl_LocationVPIM.EnableAGC" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableAutoCreateContact

Property Name	Value
Description:	A flag indicating whether a contact is automatically created when messages are received from senders at this location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAutoCreateContact
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAutoCreateContact." If "tbl_LocationVPIM.EnableAutoCreateContact" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableAutoCreateNoVoiceName

Property Name	Value
Description:	A flag indicating whether a contact is automatically created/updated when the incoming VPIM message does not include a recorded voice name.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAutoCreateNoVoiceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAutoCreateNoVoiceName." If "tbl_LocationVPIM.EnableAutoCreateNoVoiceName" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableAutoDeleteContact

Property Name	Value
Description:	A flag indicating whether a contact is automatically deleted when an NDR is received.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAutoDeleteContact
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAutoDeleteContact." If "tbl_LocationVPIM.EnableAutoDeleteContact" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableAutoUpdateContact

Property Name	Value
Description:	An enumeration indicating whether a contact is automatically updated when messages are received from senders at this location, and if so, under what condition the contact is updated.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAutoUpdateContact
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	VpimEnableAutoUpdateContact
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAutoUpdateContact." If "tbl_LocationVPIM.EnableAutoUpdateContact" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableAutoUpdateContactDisplayName

Property Name	Value
Description:	A flag indicating whether a contact's display name is updated when a contact is automatically updated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAutoUpdateContactDisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAutoUpdateContactDisplayName." If "tbl_LocationVPIM.EnableAutoUpdateContactDisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableOutgoingPrivateMessages

Property Name	Value
Description:	A flag indicating whether outgoing messages can be marked "Private."

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableOutgoingPrivateMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableOutgoingPrivateMessages." If "tbl_LocationVPIM.EnableOutgoingPrivateMessages" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@EnableOutgoingSecureMessages

Property Name	Value
Description:	A flag indicating whether outgoing messages can be marked "Secure."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableOutgoingSecureMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableOutgoingSecureMessages." If "tbl_LocationVPIM.EnableOutgoingSecureMessages" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@IncludeSenderVoiceName

Property Name	Value
Description:	A flag indicating whether Unity adds the sender's recorded voice name to an outgoing VPIM message.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.IncludeSenderVoiceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.IncludeSenderVoiceName." If "tbl_LocationVPIM.IncludeSenderVoiceName" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IpAddress

Property Name	Value
Description:	The IP address of the VPIM server for this location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.IpAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	IPAddress
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.IpAddress." If "tbl_LocationVPIM.IpAddress" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ListContactsInDirectory

Property Name	Value
Description:	A flag indicating whether a contact should be listed in the phone directory for outside callers, when a contact is automatically created. Default value is 0. Values: 0: Do not list contact in directory 1: List contact in directory
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.ListContactsInDirectory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.ListContactsInDirectory." If "tbl_LocationVPIM.ListContactsInDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LocalPhonePrefix

Property Name	Value
Description:	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.LocalPhonePrefix
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.LocalPhonePrefix." If "tbl_LocationVPIM.LocalPhonePrefix" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.ObjectId." If "tbl_LocationVPIM.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@RemotePhonePrefix

Property Name	Value
Description:	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.RemotePhonePrefix
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.RemotePhonePrefix." If "tbl_LocationVPIM.RemotePhonePrefix" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SmtipDomain

Property Name	Value
Description:	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtAddress).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.SmtDomain
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DomainName
Null Handling:	Inherit - inherit parameter value from "tbl_Location.SmtDomain." If "tbl_Location.SmtDomain" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UseSmartSmtHost

Property Name	Value
Description:	A flag indicating whether the Unity Connection SMTP server forwards messages to the SMTP Smart Host for delivery. Values: 0: Do not forward to SMTP Smart Host 1: Forward message to SMTP Smart Host
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.UseSmartSmtHost
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.UseSmartSmtHost." If "tbl_LocationVPIM.UseSmartSmtHost" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for this location's voice name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.121. csp_LocationVPIMDelete

Deletes a LocationVPIM object from tbl_LocationVPIM as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Location object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_LocationVPIMDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	
1004	EXCEPTION_OBJECT_NOTFOUND	

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Location object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Location.ObjectId." If "tbl_Location.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.122. csp_LocationVPIMModify

Updates the attributes of a LocationVPIM object and those attributes of a Location object relevant based on the values passed in via the parameters. The @ObjectId parameter identifies the LocationVPIM and Location objects that are updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Contact object
Optional	@AudioFormatIncoming	In	inherit	smallint (2 bytes)	An enumeration indicating whether incoming VPIM messages from the remote system corresponding to this location should be converted to another audio format.
Optional	@AudioFormatOutgoing	In	inherit	smallint (2 bytes)	An enumeration indicating whether VPIM messages from Unity to the remote system corresponding to this location should be converted to another audio format.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@AutoCreateDisplayNameRule	In	inherit	varchar (128 characters)	Indicates how text names on incoming messages will be mapped to the display name for auto-created contacts. A value of NULL indicates the text name is mapped directly to the display name of the contact. A non-null value indicates this is a custom rule that defines the mapping of the text name to the display name. Example: <FirstName>, <LastName>
Optional	@AutoCreateExtensionRule	In	inherit	smallint (2 bytes)	An enumeration indicating how the phone number on incoming VPIM messages should be mapped to the extension for the auto-created contact.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ContactTemplateObjectId	In	inherit	char (36 characters)	The template upon which to base new contacts created whose destination for messages is this LocationVPIM.
Optional	@DialingDomainName	In	inherit	nvarchar (40 characters)	The name of the dialing domain of which this location is a member.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Optional	@EnableAGC	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should apply software-based gain control to messages received from this VPIM location.
Optional	@EnableAutoCreateContact	In	inherit	smallint (2 bytes)	A flag indicating whether a contact is automatically created when messages are received from senders at this location.
Optional	@EnableAutoCreateNoVoiceName	In	inherit	smallint (2 bytes)	A flag indicating whether a contact is automatically created/updated when the incoming VPIM message does not include a recorded voice name.
Optional	@EnableAutoDeleteContact	In	inherit	smallint (2 bytes)	A flag indicating whether a contact is automatically deleted when an NDR is received.
Optional	@EnableAutoUpdateContact	In	inherit	smallint (2 bytes)	An enumeration indicating whether a contact is automatically updated when messages are received from senders at this location, and if so, under what condition the contact is updated.
Optional	@EnableAutoUpdateContactDisplayName	In	inherit	smallint (2 bytes)	A flag indicating whether a contact's display name is updated when a contact is automatically updated.
Optional	@EnableOutgoingPrivateMessages	In	inherit	smallint (2 bytes)	A flag indicating whether outgoing messages can be marked "Private."
Optional	@EnableOutgoingSecureMessages	In	inherit	smallint (2 bytes)	A flag indicating whether outgoing messages can be marked "Secure."
Optional	@IncludeSenderVoiceName	In	inherit	smallint (2 bytes)	A flag indicating whether Unity adds the sender's recorded voice name to an outgoing VPIM message.
Optional	@IpAddress	In	inherit	varchar (40 characters)	The IP address of the VPIM server for this location.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@LastDirectoryPushDate	In	inherit	datetime (8 bytes)	The time and date of the last manual directory push to this VPIM location. NULL indicates no push has taken place.
Optional	@ListContactsInDirectory	In	inherit	smallint (2 bytes)	A flag indicating whether a contact should be listed in the phone directory for outside callers, when a contact is automatically created. Default value is 0. Values: 0: Do not list contact in directory 1: List contact in directory
Optional	@LocalPhonePrefix	In	inherit	varchar (64 characters)	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Optional	@PushDirectory	In	inherit	smallint (2 bytes)	Tells SMTP service whether or not to execute a manual directory push to this VPIM location.
Optional	@RemotePhonePrefix	In	inherit	varchar (64 characters)	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Optional	@SmtDomain	In	inherit	varchar (255 characters)	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtAddress).
Optional	@UseSmartSmtHost	In	inherit	smallint (2 bytes)	A flag indicating whether the Unity Connection SMTP server forwards messages to the SMTP Smart Host for delivery. Values: 0: Do not forward to SMTP Smart Host 1: Forward message to SMTP Smart Host
Optional	@VoiceName	In	explicit	varchar (40 characters)	Voice file to use for this location's voice name.

Exceptions

csp_LocationVPIMModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	

Parameter Properties

@AudioFormatIncoming

Property Name	Value
Description:	An enumeration indicating whether incoming VPIM messages from the remote system corresponding to this location should be converted to another audio format.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.AudioFormatIncoming
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	VpimAudioFormatIncoming
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.AudioFormatIncoming." If "tbl_LocationVPIM.AudioFormatIncoming" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AudioFormatOutgoing

Property Name	Value
Description:	An enumeration indicating whether VPIM messages from Unity to the remote system corresponding to this location should be converted to another audio format.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.AudioFormatOutgoing
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	VpimAudioFormatOutgoing
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.AudioFormatOutgoing." If "tbl_LocationVPIM.AudioFormatOutgoing" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AutoCreateDisplayNameRule

Property Name	Value
Description:	Indicates how text names on incoming messages will be mapped to the display name for auto-created contacts. A value of NULL indicates the text name is mapped directly to the display name of the contact. A non-null value indicates this is a custom rule that defines the mapping of the text name to the display name. Example: <FirstName>, <LastName>
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.AutoCreateDisplayNameRule
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.AutoCreateDisplayNameRule." If "tbl_LocationVPIM.AutoCreateDisplayNameRule" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AutoCreateExtensionRule

Property Name	Value
Description:	An enumeration indicating how the phone number on incoming VPIM messages should be mapped to the extension for the auto-created contact.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.AutoCreateExtensionRule
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	VpimAutoCreateExtensionRule
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.AutoCreateExtensionRule." If "tbl_LocationVPIM.AutoCreateExtensionRule" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@ContactTemplateObjectId

Property Name	Value
Description:	The template upon which to base new contacts created whose destination for messages is this LocationVPIM.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.ContactTemplateObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.ContactTemplateObjectId." If "tbl_LocationVPIM.ContactTemplateObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DialingDomainName

Property Name	Value
Description:	The name of the dialing domain of which this location is a member.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.DialingDomainName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Location.DialingDomainName." If "tbl_Location.DialingDomainName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this Location, e.g. "Seattle Office." Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Location.DisplayName." If "tbl_Location.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EnableAGC

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should apply software-based gain control to messages received from this VPIM location.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAGC
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAGC." If "tbl_LocationVPIM.EnableAGC" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableAutoCreateContact

Property Name	Value
Description:	A flag indicating whether a contact is automatically created when messages are received from senders at this location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAutoCreateContact
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAutoCreateContact." If "tbl_LocationVPIM.EnableAutoCreateContact" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableAutoCreateNoVoiceName

Property Name	Value
Description:	A flag indicating whether a contact is automatically created/updated when the incoming VPIM message does not include a recorded voice name.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAutoCreateNoVoiceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAutoCreateNoVoiceName." If "tbl_LocationVPIM.EnableAutoCreateNoVoiceName" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableAutoDeleteContact

Property Name	Value
Description:	A flag indicating whether a contact is automatically deleted when an NDR is received.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAutoDeleteContact
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAutoDeleteContact." If "tbl_LocationVPIM.EnableAutoDeleteContact" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableAutoUpdateContact

Property Name	Value
Description:	An enumeration indicating whether a contact is automatically updated when messages are received from senders at this location, and if so, under what condition the contact is updated.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAutoUpdateContact
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	VpimEnableAutoUpdateContact
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAutoUpdateContact." If "tbl_LocationVPIM.EnableAutoUpdateContact" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableAutoUpdateContactDisplayName

Property Name	Value
Description:	A flag indicating whether a contact's display name is updated when a contact is automatically updated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableAutoUpdateContactDisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableAutoUpdateContactDisplayName." If "tbl_LocationVPIM.EnableAutoUpdateContactDisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableOutgoingPrivateMessages

Property Name	Value
Description:	A flag indicating whether outgoing messages can be marked "Private."

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableOutgoingPrivateMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableOutgoingPrivateMessages." If "tbl_LocationVPIM.EnableOutgoingPrivateMessages" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@EnableOutgoingSecureMessages

Property Name	Value
Description:	A flag indicating whether outgoing messages can be marked "Secure."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.EnableOutgoingSecureMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.EnableOutgoingSecureMessages." If "tbl_LocationVPIM.EnableOutgoingSecureMessages" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@IncludeSenderVoiceName

Property Name	Value
Description:	A flag indicating whether Unity adds the sender's recorded voice name to an outgoing VPIM message.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.IncludeSenderVoiceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.IncludeSenderVoiceName." If "tbl_LocationVPIM.IncludeSenderVoiceName" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IPAddress

Property Name	Value
Description:	The IP address of the VPIM server for this location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.IpAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	IPAddress
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.IpAddress." If "tbl_LocationVPIM.IpAddress" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LastDirectoryPushDate

Property Name	Value
Description:	The time and date of the last manual directory push to this VPIM location. NULL indicates no push has taken place.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.LastDirectoryPushDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.LastDirectoryPushDate." If "tbl_LocationVPIM.LastDirectoryPushDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ListContactsInDirectory

Property Name	Value
Description:	A flag indicating whether a contact should be listed in the phone directory for outside callers, when a contact is automatically created. Default value is 0. Values: 0: Do not list contact in directory 1: List contact in directory
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.ListContactsInDirectory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.ListContactsInDirectory." If "tbl_LocationVPIM.ListContactsInDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LocalPhonePrefix

Property Name	Value
Description:	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.LocalPhonePrefix
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.LocalPhonePrefix." If "tbl_LocationVPIM.LocalPhonePrefix" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.ObjectId." If "tbl_LocationVPIM.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PushDirectory

Property Name	Value
Description:	Tells SMTP service whether or not to execute a manual directory push to this VPIM location.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.PushDirectory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.PushDirectory." If "tbl_LocationVPIM.PushDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RemotePhonePrefix

Property Name	Value
Description:	The number used to construct addresses for contacts who use the voice messaging system that corresponds to this location. NULL is allowed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.RemotePhonePrefix
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.RemotePhonePrefix." If "tbl_LocationVPIM.RemotePhonePrefix" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SmtDomain

Property Name	Value
Description:	The domain portion (right-half) of an internet-addressable address (for example, london.cisco.com). This is used to form a user's, contact's, and distribution list's SMTP address (tbl_Alias.SmtAddress).
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Location.SmtDomain
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DomainName
Null Handling:	Inherit - inherit parameter value from "tbl_Location.SmtDomain." If "tbl_Location.SmtDomain" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UseSmartSmtHost

Property Name	Value
Description:	A flag indicating whether the Unity Connection SMTP server forwards messages to the SMTP Smart Host for delivery. Values: 0: Do not forward to SMTP Smart Host 1: Forward message to SMTP Smart Host
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LocationVPIM.UseSmartSmtHost
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_LocationVPIM.UseSmartSmtHost." If "tbl_LocationVPIM.UseSmartSmtHost" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for this location's voice name.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.123. csp_LoggerDiagnosticGridModify

Updates the attributes of a LoggerDiagnosticGrid object based on the values passed in via the parameters. The @ObjectId parameter identifies the LoggerDiagnosticGrid object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	explicit-withdefault	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a LoggerDiagnosticGrid object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@DefaultFlags	In	inherit	int (4 bytes)	The default grid flags.
Optional	@Flags	In	inherit	int (4 bytes)	The current grid flags.
Optional	@Name	In	inherit	nvarchar (64 characters)	The text name of the diagnostic grid.

Exceptions

csp_LoggerDiagnosticGridModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The LoggerDiagnosticGrid object specified by the @ObjectId was not found. The names of the object (Logger diagnostic grid), table (tbl_LoggerDiagnosticGrid), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultFlags

Property Name	Value
Description:	The default grid flags.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_LoggerDiagnosticGrid.DefaultFlags
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LoggerDiagnosticGrid.DefaultFlags." If "tbl_LoggerDiagnosticGrid.DefaultFlags" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Flags

Property Name	Value
Description:	The current grid flags.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LoggerDiagnosticGrid.Flags
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LoggerDiagnosticGrid.Flags." If "tbl_LoggerDiagnosticGrid.Flags" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name of the diagnostic grid.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LoggerDiagnosticGrid.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_LoggerDiagnosticGrid.Name." If "tbl_LoggerDiagnosticGrid.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a LoggerDiagnosticGrid object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_LoggerDiagnosticGrid.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "NULL."
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.124. csp_LoggerDiagnosticGridReset

Resets all diagnostic grids to their original, default values

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_LoggerDiagnosticGridReset does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.125. csp_MailboxAttributesGet

Retrieves the attributes for a specific mailbox.

Additional Information

The parameters @MailboxId and @MailboxStoreObjectId must be provided.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxId	In	inherit	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ByteSize	Out	ignore	int (4 bytes)	The size (in bytes) of the mailbox.
Optional	@Creation	Out	ignore	datetime (8 bytes)	The date and time the mailbox was created.
Optional	@MessageAgingPolicy ObjectId	Out	ignore	char (36 characters)	The policy object used to age the mailbox. If null then no policy will be applied.
Optional	@Mounted	Out	ignore	smallint (2 bytes)	A flag indicating whether the mailbox is mounted (0=false, 1=true).
Optional	@NotificationType	Out	ignore	smallint (2 bytes)	Indicates the notification type (0=Classical, 1=Modern).
Optional	@NumMessages	Out	ignore	int (4 bytes)	The number of messages in the mailbox.
Optional	@SendReadReceipts	Out	ignore	smallint (2 bytes)	A flag indicating whether this mailbox allows the system to send read receipts on behalf of this mailbox (0=false, 1=true).

Exceptions

csp_MailboxAttributesGet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@MailboxId and @MailboxStoreObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxStore object specified by the @MailboxStoreObjectId was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.
1037	EXCEPTION_MAILSTORE_NOT_MOUNTED	The specified mailstore is not currently mounted.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ByteSize

Property Name	Value
Description:	The size (in bytes) of the mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@Creation

Property Name	Value
Description:	The date and time the mailbox was created.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	

Property Name	Value
Direction:	Out
Update Column Value From Parameter:	False

@MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MailboxStoreObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MessageAgingPolicyObjectId

Property Name	Value
Description:	The policy object used to age the mailbox. If null then no policy will be applied.
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@Mounted

Property Name	Value
Description:	A flag indicating whether the mailbox is mounted (0=false,1=true).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@NotificationType

Property Name	Value
Description:	Indicates the notification type (0=Classical, 1=Modern).
Notes:	See UnityMbxDb documentation for more information.
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@NumMessages

Property Name	Value
Description:	The number of messages in the mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@SendReadReceipts

Property Name	Value
Description:	A flag indicating whether this mailbox allows the system to send read receipts on behalf of this mailbox (0=false, 1=true).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.126. csp_MailboxAttributesSet

Sets the attributes for a specific mailbox.

Additional Information

The parameters @MailboxId and @MailboxStoreObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxId	In	inherit	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@MessageAgingPolicy ObjectId	In	explicit	char (36 characters)	The policy object used to age the mailbox. If null, then no policy will be applied.
Optional	@Mounted	In	ignore	smallint (2 bytes)	A flag indicating whether the mailbox is mounted (0=false, 1=true).
Optional	@NotificationType	In	ignore	smallint (2 bytes)	Indicates the notification type (0=Classical, 1=Modern).
Optional	@SendReadReceipts	In	ignore	smallint (2 bytes)	A flag indicating whether this mailbox allows the system to send read receipts on behalf of this mailbox (0=false, 1=true).

Exceptions

csp_MailboxAttributesSet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@MailboxId and @MailboxStoreObjectId) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxStore object specified by the @MailboxStoreObjectId was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.
1037	EXCEPTION_MAILSTORE_NOT_MOUNTED	The specified mailstore is not currently mounted.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MailboxStoreObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@MessageAgingPolicyObjectId

Property Name	Value
Description:	The policy object used to age the mailbox. If null, then no policy will be applied.
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Mounted

Property Name	Value
Description:	A flag indicating whether the mailbox is mounted (0=false,1=true).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@NotificationType

Property Name	Value
Description:	Indicates the notification type (0=Classical, 1=Modern).
Notes:	See UnityMbxDb documentation for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@SendReadReceipts

Property Name	Value
Description:	A flag indicating whether this mailbox allows the system to send read receipts on behalf of this mailbox (0=false, 1=true).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.127. csp_MailboxCreate

Creates a UMSS mailbox for a user. This procedure is not intended for use by clients. It is used internally by csp_UserCreate.

Additional Information

The parameters @IsPrimary, @MailboxStoreObjectId, and @UserObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@IsPrimary	In	inherit	smallint (2 bytes)	A flag indicating whether this mailbox is the primary mailbox of the user.
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The unique identifier of the MailboxStore object to which this mailbox belongs.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User account object to which this mailbox belongs.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Description	In	ignore	nvarchar (255 characters)	
Optional	@MailboxId	Out	inherit	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.
Optional	@WebdavUrl	In	inherit	lvarchar (256 characters)	Relative URL for mailbox access on server.

Exceptions

csp_MailboxCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@IsPrimary, @MailboxStoreObjectId, and @UserObjectId) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxStoreObjectId for the specified MailboxStore was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Description

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsPrimary

Property Name	Value
Description:	A flag indicating whether this mailbox is the primary mailbox of the user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.IsPrimary
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.IsPrimary." If "tbl_MailboxMap.IsPrimary" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxStoreObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxStoreObjectId." If "tbl_MailboxMap.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User account object to which this mailbox belongs.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.UserObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.UserObjectId." If "tbl_MailboxMap.UserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@WebdavUrl

Property Name	Value
Description:	Relative URL for mailbox access on server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.WebdavUrl
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.WebdavUrl." If "tbl_MailboxMap.WebdavUrl" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.128. csp_MailboxMapCreate

Creates a mapping of a user with their mailboxid in Unity Message Store Solution (UMSS) or other message store such as Exchange or Domino.

Additional Information

To create a mailbox mapping for a user, provide the @MailboxStoreObjectId, @MailboxId and @UserObjectId parameters.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxId	In	inherit	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The unique identifier of the MailboxStore object to which this mailbox belongs.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User account object to which this mailbox belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@IsPrimary	In	inherit	smallint (2 bytes)	A flag indicating whether this mailbox is the primary mailbox of the user.
Optional	@MailboxLoginType	In	inherit	int (4 bytes)	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)
Optional	@MailboxPassword	In	inherit	varchar (254 characters)	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.
Optional	@WebdavUrl	In	inherit	lvarchar (256 characters)	Relative URL for mailbox access on server.

Exceptions

csp_MailboxMapCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@MailboxId, @MailboxStoreObjectId, and @UserObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxStoreObjectId for the specified MailboxStore was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsPrimary

Property Name	Value
Description:	A flag indicating whether this mailbox is the primary mailbox of the user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.IsPrimary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.IsPrimary." If "tbl_MailboxMap.IsPrimary" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@MailboxLoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxLoginType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailboxLoginType
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxLoginType." If "tbl_MailboxMap.MailboxLoginType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MailboxPassword

Property Name	Value
Description:	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxPassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxPassword." If "tbl_MailboxMap.MailboxPassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxStoreObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxStoreObjectId." If "tbl_MailboxMap.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User account object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.UserObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.UserObjectId." If "tbl_MailboxMap.UserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@WebdavUrl

Property Name	Value
Description:	Relative URL for mailbox access on server.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.WebdavUrl
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.WebdavUrl." If "tbl_MailboxMap.WebdavUrl" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.129. csp_MailboxMapDelete

Deletes a specified mapping of a mailbox with a user.

Additional Information

The identifier of the mailbox store and mailbox must be provided via the input parameters.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxId	In	inherit	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The unique identifier of the MailboxStore object to which this mailbox belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_MailboxMapDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@MailboxId and @MailboxStoreObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxId for the specified MailboxStore was not found. The names of the object (Mailbox map), table (tbl_MailboxMap), and columns (MailboxStoreObjectId and MailboxId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.

Property Name	Value
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxStoreObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxStoreObjectId." If "tbl_MailboxMap.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.130. csp_MailboxMapModify

Updates the attributes of a specified instance of a MailBoxMap object based on the values passed in via the parameters.

Additional Information

The identifier of the MailboxStore, User and Mailbox must be provided via the input parameters.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxId	In	inherit	nvarchar (110 characters)	The identifier of a single mailbox on the specified mailbox store.
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The unique identifier of the MailboxStore object to which this mailbox belongs.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsPrimary	In	inherit	smallint (2 bytes)	A flag indicating whether this mailbox is the primary mailbox of the user.
Optional	@LastGuiAccessTime	In	inherit	datetime (8 bytes)	The last time the user accessed their this mailbox through the GUI.
Optional	@LastTuiAccessTime	In	inherit	datetime (8 bytes)	The last time the user accessed their this mailbox through the TUI.
Optional	@MailboxLoginType	In	inherit	int (4 bytes)	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)
Optional	@MailboxPassword	In	inherit	varchar (254 characters)	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.
Optional	@WebdavUrl	In	inherit	lvarchar (256 characters)	Relative URL for mailbox access on server.

Exceptions

csp_MailboxMapModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@MailboxId, @MailboxStoreObjectId, and @UserObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxId for the specified MailboxStore was not found. The names of the object (Mailbox map), table (tbl_MailboxMap), and columns (MailboxStoreObjectId and MailboxId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsPrimary

Property Name	Value
Description:	A flag indicating whether this mailbox is the primary mailbox of the user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.IsPrimary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.IsPrimary." If "tbl_MailboxMap.IsPrimary" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LastGuiAccessTime

Property Name	Value
Description:	The last time the user accessed their this mailbox through the GUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.LastGuiAccessTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.LastGuiAccessTime." If "tbl_MailboxMap.LastGuiAccessTime" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LastTuiAccessTime

Property Name	Value
Description:	The last time the user accessed their this mailbox through the TUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.LastTuiAccessTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.LastTuiAccessTime." If "tbl_MailboxMap.LastTuiAccessTime" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailboxId

Property Name	Value
Description:	The identifier of a single mailbox on the specified mailbox store.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MailboxLoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxLoginType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailboxLoginType
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxLoginType." If "tbl_MailboxMap.MailboxLoginType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MailboxPassword

Property Name	Value
Description:	For non-UMSS mailbox stores, the password for conversations to use to logon and retrieve messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxPassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxPassword." If "tbl_MailboxMap.MailboxPassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxStoreObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxStoreObjectId." If "tbl_MailboxMap.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@WebdavUrl

Property Name	Value
Description:	Relative URL for mailbox access on server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.WebdavUrl
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.WebdavUrl." If "tbl_MailboxMap.WebdavUrl" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.131. csp_MailboxModify

Modifies the settings for the specified mailbox, mailboxstore pair.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxId	In	inherit	nvarchar (110 characters)	The objectid of the mailbox for which settings are to be modified.
Required	@MailboxStoreId	In	inherit	char (36 characters)	The unique identifier of the MailboxStore object to which this mailbox belongs.
Optional	@AuditAlias	In	explicit-withdefault	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	explicit-withdefault	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@MailboxLoginType	In	inherit	int (4 bytes)	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)
Optional	@MessageAgingPolicy ObjectId	In	explicit	char (36 characters)	The policy object used to age the mailbox. If null, then no policy will be applied.
Optional	@Mounted	In	ignore	smallint (2 bytes)	A flag indicating whether the mailbox is mounted (0=false,1=true).
Optional	@NotificationType	In	ignore	smallint (2 bytes)	Indicates the notification type (0=Classical, 1=Modern).
Optional	@SendReadReceipts	In	ignore	smallint (2 bytes)	If set to 1 then notifications will be enabled for this user
Optional	@WebdavUrl	In	inherit	lvarchar (256 characters)	Relative URL for mailbox access on server.

Exceptions

csp_MailboxModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@mailboxid and @mailboxstoreid) is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	The specified mailbox was not found in the specified mailbox store. The names of the object (User), parameter (@mailboxid), table (tbl_LocationVMS), and column (MailboxId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "'UnityDirDb'."
Default Value:	'UnityDirDb'
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "'UnityDirDb'."
Default Value:	'UnityDirDb'
Direction:	In
Update Column Value From Parameter:	False

@MailboxId

Property Name	Value
Description:	The objectid of the mailbox for which settings are to be modified.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MailboxLoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxLoginType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailboxLoginType

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxLoginType." If "tbl_MailboxMap.MailboxLoginType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MailboxStoreId

Property Name	Value
Description:	The unique identifier of the MailboxStore object to which this mailbox belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxStoreObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxStoreObjectId." If "tbl_MailboxMap.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MessageAgingPolicyObjectId

Property Name	Value
Description:	The policy object used to age the mailbox. If null, then no policy will be applied.
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@Mounted

Property Name	Value
Description:	A flag indicating whether the mailbox is mounted (0=false,1=true).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@NotificationType

Property Name	Value
Description:	Indicates the notification type (0=Classical, 1=Modern).
Notes:	See UnityMbxDb documentation for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@SendReadReceipts

Property Name	Value
Description:	If set to 1 then notifications will be enabled for this user
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

@WebdavUrl

Property Name	Value
Description:	Relative URL for mailbox access on server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.WebdavUrl
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.WebdavUrl." If "tbl_MailboxMap.WebdavUrl" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.132. csp_MailboxQuotaGet

Retrieves the quotas for a specific UMSS mailbox.

Additional Information

The parameters @MailboxId and @MailboxStoreObjectId must be provided.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxId	In	inherit	nvarchar (110 characters)	Mailbox to retrieve quota from.
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Receive	Out	ignore	int (4 bytes)	The mailbox size (in bytes) receive limit.
Optional	@Send	Out	ignore	int (4 bytes)	The mailbox size (in bytes) send limit.
Optional	@StoreDefault	Out	ignore	smallint (2 bytes)	Uses store default if set
Optional	@Warn	Out	ignore	int (4 bytes)	The mailbox size (in bytes) warning limit.

Exceptions

csp_MailboxQuotaGet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@MailboxId and @MailboxStoreObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxStore object specified by the @MailboxStoreObjectId was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.
1037	EXCEPTION_MAILSTORE_NOT_MOUNTED	The specified mailstore is not currently mounted.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MailboxId

Property Name	Value
Description:	Mailbox to retrieve quota from.
Notes:	This must be the id of a mailbox that is assigned to a user via tbl_MailboxMap.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MailboxStoreObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Receive

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@Send

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@StoreDefault

Property Name	Value
Description:	Uses store default if set
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@Warn

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.133. csp_MailboxQuotaSet

Sets the quotas for a specific UMSS mailbox.

Additional Information

The parameters @MailboxId, @MailboxStoreObjectId, @Receive, @Send and @Warning must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxId	In	inherit	nvarchar (110 characters)	Mailbox to retrieve quota from.
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Required	@Receive	In	ignore	int (4 bytes)	The mailbox size (in bytes) receive limit.
Required	@Send	In	ignore	int (4 bytes)	The mailbox size (in bytes) send limit.
Required	@Warn	In	ignore	int (4 bytes)	The mailbox size (in bytes) warning limit.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MailboxQuotaSet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@MailboxId, @MailboxStoreObjectId, @Receive, @Send, and @Warning) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxStore object specified by the @MailboxStoreObjectId was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.
1037	EXCEPTION_MAILSTORE_NOT_MOUNTED	The specified mailstore is not currently mounted.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailboxId

Property Name	Value
Description:	Mailbox to retrieve quota from.
Notes:	This must be the id of a mailbox that is assigned to a user via tbl_MailboxMap.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MailboxStoreObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Receive

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Send

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Warn

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.134. csp_MailboxStoreAttributesGet

Retrieves attributes from a specified UMSS mail database.

Additional Information

The parameter @MailboxStoreObjectId must be provided.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The mail store from which to retrieve attribute information.
Optional	@AuditAlias	In	explicit-with default	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	explicit-with default	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Creation	Out	ignore	datetime (8 bytes)	The date and time the database was created.
Optional	@Mounted	Out	ignore	smallint (2 bytes)	A flag indicating whether the mail database is mounted (0=false, 1=true).
Optional	@NumMailboxes	Out	ignore	int (4 bytes)	The number of mailboxes currently in the mail database.
Optional	@SizeInKB	Out	ignore	bigint (8 bytes)	The size of mail database in kilobytes.

Exceptions

csp_MailboxStoreAttributesGet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @MailboxStoreObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxStore object specified by the @MailboxStoreObjectId was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "'UnityDirDb'."
Default Value:	'UnityDirDb'
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "'UnityDirDb'."
Default Value:	'UnityDirDb'
Direction:	In
Update Column Value From Parameter:	False

@Creation

Property Name	Value
Description:	The date and time the database was created.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@MailboxStoreObjectId

Property Name	Value
Description:	The mail store from which to retrieve attribute information.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Mounted

Property Name	Value
Description:	A flag indicating whether the mail database is mounted (0=false,1=true).
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@NumMailboxes

Property Name	Value
Description:	The number of mailboxes currently in the mail database.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@SizeInKB

Property Name	Value
Description:	The size of mail database in kilobytes.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	bigint (8 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.135. csp_MailboxStoreAttributesSet

Sets the attributes for a UMSS mail database.

Additional Information

Currently the only attribute that can be set is "Mounted."

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The mail store for which to set the attribute information.
Required	@Mounted	In	ignore	smallint (2 bytes)	A flag indicating whether the mail database is mounted (0=false, 1=true).
Optional	@AuditAlias	In	explicit-with-default	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	explicit-with-default	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MailboxStoreAttributesSet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@MailboxStoreObjectId and @Mounted) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxStore object specified by the @MailboxStoreObjectId was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "'UnityDirDb'."
Default Value:	'UnityDirDb'
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "'UnityDirDb'."
Default Value:	'UnityDirDb'
Direction:	In
Update Column Value From Parameter:	False

@MailboxStoreObjectId

Property Name	Value
Description:	The mail store for which to set the attribute information.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Mounted

Property Name	Value
Description:	A flag indicating whether the mail database is mounted (0=false,1=true).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.136. csp_MailboxStoreMapCreate

Creates a new MailboxStoreMap object by inserting a new row into tbl_MailboxStoreMap. A MailboxStoreMap object maps a mailbox database with a grouping of mailboxes for administrative purposes.

Additional Information

The parameters @Alias and @Server must be provided.

For a MailboxStoreType of "WebDav," a ServiceAlias, ServicePassword and Server is required. (It is possible to set WebDAV with no password, but Connection requires it.)

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Server	In	inherit	lvarchar (256 characters)	The name of the server on which the mailbox store resides.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@DbInstance	In	inherit	lvarchar (256 characters)	The name of the dbinstance on which the mailbox store resides.
Optional	@DialString	In	inherit	nvarchar (40 characters)	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	A descriptive name for the Message Store.
Optional	@MailboxStoreType	In	inherit	int (4 bytes)	The type of mailbox store (e.g., UMSS).
Optional	@MailDatabase	In	inherit	lvarchar (512 characters)	The name of the mailbox database, such as "UnityMbxDb1."
Optional	@Mounted	In	inherit	smallint (2 bytes)	A flag indicating whether the mailbox store is mounted.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Optional	@RequiredSecurity	In	inherit	int (4 bytes)	The method of encryption that Cisco Unity Connection will use on a mailstore connection.
Optional	@ServiceAlias	In	inherit	lvarchar (256 characters)	The unique text name (alias) for a service to use to logon to mailbox store for message retrieval.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ServicePassword	In	inherit	varchar (254 characters)	The password for a service to use to logon to mailbox store for message retrieval.

Exceptions

csp_MailboxStoreMapCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Alias and @Server) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DbInstance

Property Name	Value
Description:	The name of the dbinstance on which the mailbox store resides.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.DbInstance
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.DbInstance." If "tbl_MailboxStoreMap.DbInstance" can be NULL, then explicit NULL is allowed.
Default Value:	ciscountry
Direction:	In
Update Column Value From Parameter:	True

@DialString

Property Name	Value
Description:	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.DialString

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.DialString." If "tbl_MailboxStoreMap.DialString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	A descriptive name for the Message Store.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.DisplayName." If "tbl_MailboxStoreMap.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailboxStoreType

Property Name	Value
Description:	The type of mailbox store (e.g., UMSS).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.MailboxStoreType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailboxStoreType

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.MailboxStoreType." If "tbl_MailboxStoreMap.MailboxStoreType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MailDatabase

Property Name	Value
Description:	The name of the mailbox database, such as "UnityMbxDb1."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.MailDatabase
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (512 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.MailDatabase." If "tbl_MailboxStoreMap.MailDatabase" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Mounted

Property Name	Value
Description:	A flag indicating whether the mailbox store is mounted.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.Mounted
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.Mounted." If "tbl_MailboxStoreMap.Mounted" can be NULL, then explicit NULL is allowed.
Default Value:	1

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@RequiredSecurity

Property Name	Value
Description:	The method of encryption that Cisco Unity Connection will use on a mailstore connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.RequiredSecurity
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailstoreConnectionEncryption
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.RequiredSecurity." If "tbl_MailboxStoreMap.RequiredSecurity" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Server

Property Name	Value
Description:	The name of the server on which the mailbox store resides.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.Server
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.Server." If "tbl_MailboxStoreMap.Server" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ServiceAlias

Property Name	Value
Description:	The unique text name (alias) for a service to use to logon to mailbox store for message retrieval.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ServiceAlias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ServiceAlias." If "tbl_MailboxStoreMap.ServiceAlias" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ServicePassword

Property Name	Value
Description:	The password for a service to use to logon to mailbox store for message retrieval.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ServicePassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ServicePassword." If "tbl_MailboxStoreMap.ServicePassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.137. csp_MailboxStoreMapDelete

Deletes a MailboxStoreMap object from tbl_MailboxStoreMap as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_MailboxStoreMapDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MailboxStoreMap object was not found. The names of the object (Mailbox store map), table (tbl_MailboxStoreMap), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MailboxStoreMap), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.138. csp_MailboxStoreMapModify

Updates the attributes of a MailboxStoreMap object based on the values passed in via the parameters. The @ObjectId parameter identifies the MailboxStoreMap object that is updated.

Additional Information

For a MailboxStoreType of "WebDav," a ServiceAlias, ServicePassword and Server is required. (It is possible to set WebDAV with no password, but Connection requires it.)

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@DbInstance	In	inherit	lvarchar (256 characters)	The name of the dbinstance on which the mailbox store resides.
Optional	@DialString	In	inherit	nvarchar (40 characters)	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	A descriptive name for the Message Store.
Optional	@MailboxStoreType	In	inherit	int (4 bytes)	The type of mailbox store (e.g., UMSS).
Optional	@MailDatabase	In	inherit	lvarchar (512 characters)	The name of the mailbox database, such as "UnityMbxDb1."
Optional	@Mounted	In	inherit	smallint (2 bytes)	A flag indicating whether the mailbox store is mounted.
Optional	@RequiredSecurity	In	inherit	int (4 bytes)	The method of encryption that Cisco Unity Connection will use on a mailstore connection.
Optional	@Server	In	inherit	lvarchar (256 characters)	The name of the server on which the mailbox store resides.
Optional	@ServiceAlias	In	inherit	lvarchar (256 characters)	The unique text name (alias) for a service to use to logon to mailbox store for message retrieval.
Optional	@ServicePassword	In	inherit	varchar (254 characters)	The password for a service to use to logon to mailbox store for message retrieval.

Exceptions

csp_MailboxStoreMapModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MailboxStoreMap object was not found. The names of the object (Mailbox store map), table (tbl_MailboxStoreMap), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DbInstance

Property Name	Value
Description:	The name of the dbinstance on which the mailbox store resides.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.DbInstance
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.DbInstance." If "tbl_MailboxStoreMap.DbInstance" can be NULL, then explicit NULL is allowed.
Default Value:	ciscounity
Direction:	In
Update Column Value From Parameter:	True

@DialString

Property Name	Value
Description:	The number dialed by Unity Connection to access the Cisco Unified MeetingPlace Express system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.DialString
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.DialString." If "tbl_MailboxStoreMap.DialString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	A descriptive name for the Message Store.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.DisplayName." If "tbl_MailboxStoreMap.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailboxStoreType

Property Name	Value
Description:	The type of mailbox store (e.g., UMSS).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.MailboxStoreType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailboxStoreType
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.MailboxStoreType." If "tbl_MailboxStoreMap.MailboxStoreType" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@MailDatabase

Property Name	Value
Description:	The name of the mailbox database, such as "UnityMbxDb1."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.MailDatabase
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (512 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.MailDatabase." If "tbl_MailboxStoreMap.MailDatabase" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Mounted

Property Name	Value
Description:	A flag indicating whether the mailbox store is mounted.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.Mounted
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.Mounted." If "tbl_MailboxStoreMap.Mounted" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MailboxStore object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@RequiredSecurity

Property Name	Value
Description:	The method of encryption that Cisco Unity Connection will use on a mailstore connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.RequiredSecurity
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailstoreConnectionEncryption
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.RequiredSecurity." If "tbl_MailboxStoreMap.RequiredSecurity" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Server

Property Name	Value
Description:	The name of the server on which the mailbox store resides.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.Server
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.Server." If "tbl_MailboxStoreMap.Server" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ServiceAlias

Property Name	Value
Description:	The unique text name (alias) for a service to use to logon to mailbox store for message retrieval.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ServiceAlias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ServiceAlias." If "tbl_MailboxStoreMap.ServiceAlias" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ServicePassword

Property Name	Value
Description:	The password for a service to use to logon to mailbox store for message retrieval.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ServicePassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ServicePassword." If "tbl_MailboxStoreMap.ServicePassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.139. csp_MailboxStoreQuotaGet

Retrieves the warn, receive, and send quotas from a UMSS mail database.

Additional Information

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The mail store from which to retrieve attribute information.
Optional	@AuditAlias	In	explicit-withdefault	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	explicit-withdefault	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Receive	Out	ignore	int (4 bytes)	The mailbox size (in bytes) receive limit.
Optional	@Send	Out	ignore	int (4 bytes)	The mailbox size (in bytes) send limit.
Optional	@Warn	Out	ignore	int (4 bytes)	The mailbox size (in bytes) warning limit.

Exceptions

csp_MailboxStoreQuotaGet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @MailboxStoreObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxStore object specified by the @MailboxStoreObjectId was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.
1037	EXCEPTION_MAILSTORE_NOT_MOUNTED	The specified mailstore is not currently mounted.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "UnityDirDb".
Default Value:	'UnityDirDb'
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "UnityDirDb".
Default Value:	'UnityDirDb'
Direction:	In
Update Column Value From Parameter:	False

@MailboxStoreObjectId

Property Name	Value
Description:	The mail store from which to retrieve attribute information.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Receive

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@Send

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	
Developer Notes:	
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@Warn

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.140. csp_MailboxStoreQuotaSet

Sets the warn, receive, and send quotas for a mail database.

Additional Information

The parameters @MailboxStoreObjectId, @Receive, @Send, and @Warn must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MailboxStoreObjectId	In	inherit	char (36 characters)	The mail store for which to set the attribute information.
Required	@Receive	In	ignore	int (4 bytes)	The mailbox size (in bytes) receive limit.
Required	@Send	In	ignore	int (4 bytes)	The mailbox size (in bytes) send limit.
Required	@Warn	In	ignore	int (4 bytes)	The mailbox size (in bytes) warning limit.
Optional	@AuditAlias	In	explicit-with-default	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	explicit-with-default	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MailboxStoreQuotaSet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @MailboxStoreObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MailboxStore object specified by the @MailboxStoreObjectId was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.
1037	EXCEPTION_MAILSTORE_NOT_MOUNTED	The specified mailstore is not currently mounted.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "UnityDirDb".
Default Value:	'UnityDirDb'
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "UnityDirDb".
Default Value:	'UnityDirDb'
Direction:	In
Update Column Value From Parameter:	False

@MailboxStoreObjectId

Property Name	Value
Description:	The mail store for which to set the attribute information.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxStoreMap.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxStoreMap.ObjectId." If "tbl_MailboxStoreMap.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Receive

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Send

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	
Developer Notes:	
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Warn

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	A value of -1 indicates this size is unlimited.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.141. csp_MediaPortCreate

Creates a new MediaPort object by inserting a new row into tbl_MediaPort.

Additional Information

Parameters @MediaPortGroupId and @VmsServerObjectId must be provided.

Device indexes (SkinnyTSPDeviceIndex and RTPWavDeviceId for Skinny integration, or DialogicTSPDeviceIndex for Dialogic integration) are assigned numbers sequentially, starting at zero. A search is made for lowest SkinnyTSPDeviceIndex and RTPWavDeviceId, or DialogicTSPDeviceIndex on the VMS Server. Numbering starts at zero and any gaps found in the number sequence will be filled in. For Skinny integrations, a check is made to ensure that the number generated for the SkinnyTSPDeviceIndex and RTPWavDeviceId does not exceed the total number of devices as specified by the values of tbl_VMSServer.TotalSkinnyDevices and tbl_VMSServer.TotalRTPWavDevices. If it does exceed the total number of devices, an exception is thrown.

Port numbers are assigned numbers sequentially, starting at one. Like device indexes, any gaps in the numbering sequence of the port numbers will be filled in.

If the integration type is Skinny (TelephonyIntegrationMethodEnum = 1), SkinnyDoMediaEncryption is set based on the value of SkinnySecurityModeEnum. If SkinnySecurityModeEnum is set to either "Authenticated" or "Encrypted," SkinnyDoMediaEncryption is set to 1 (Encrypted).

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MediaPortGroupObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaPortGroup object to which this port belongs.
Required	@VmsServerObjectId	In	inherit	char (36 characters)	The unique identifier of the VMSServer object to which this line belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CapAnswer	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is capable of answering calls.
Optional	@CapDeliverAmis	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of delivering AMIS messages.
Optional	@CapEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is enabled during normal operation.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@CapMWI	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of turning MWIs on and off.
Optional	@CapNotification	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of notifying subscribers of messages.
Optional	@CapTrapConnection	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of enabling subscribers to use the phone as a recording and playback device in Cisco Unity Connection web applications and e-mail clients.
Optional	@Extension	In	inherit	varchar (128 characters)	The dialable number (extension) of this line/port.
Optional	@HuntOrder	In	inherit	smallint (2 bytes)	The position of this line in the hunt group as configured on the switch, with the highest numbers representing the lines that are first ("use me first") in the hunt group. Ports can have the same HuntOrder, and in that case ports will be selected on a round-robin (or longest-idle) basis.
Optional	@NoLicenseCheck	In	explicit-withdefault	smallint (2 bytes)	Set to 1 to circumvent licensing check.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Optional	@PortNumInGroup	In	explicit-withdefault	smallint (2 bytes)	The port number of this line as assigned by Cisco Unity Connection.
Optional	@SkinnyDeviceCertificate	In	explicit-withdefault	lvarchar (8000 characters)	The X.509 certificate for this device as a PEM format string (base-64 encoded).
Optional	@SkinnyDevicePrivateKey	In	explicit-withdefault	lvarchar (8000 characters)	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Optional	@SkinnySecurityModenum	In	inherit	smallint (2 bytes)	The security mode used for Skinny protocol sessions.

Exceptions

csp_MediaPortCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@MediaPortGroupObjectId and @VmsServerObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	A MediaPortGroup object with a TelephonyIntegrationMethodEnum matching @TelephonyIntegrationMethodEnum was not found. The names of the object (Media port group), table (tbl_MediaPortGroup), and column (ObjectId) are included with the exception message.
1011	EXCEPTION_SPECIAL_MEDIADVICE_LIMITEXCEEDED	There are two conditions that can cause EXCEPTION_SPECIALMEDIADVICE_LIMITEXCEEDED to be thrown: 1. The numbering of SkinnyTSPDevices exceeds the total number of devices as specified by tbl_VmsServer.TotalSkinnyTSPDevices. The name of the parameter used in the calculation of the SkinnyTSPDeviceIndex is included with the exception message. 2. The numbering of RTPWavDevices exceeds the total number of devices as specified by tbl_VmsServer.TotalRTPWavDevices. The name of the parameter used in the calculation of the RTPWavDeviceIndex is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CapAnswer

Property Name	Value
Description:	A flag indicating whether the media port is capable of answering calls.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapAnswer
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapAnswer." If "tbl_MediaPort.CapAnswer" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CapDeliverAmis

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of delivering AMIS messages.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapDeliverAmis
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapDeliverAmis." If "tbl_MediaPort.CapDeliverAmis" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CapEnabled

Property Name	Value
Description:	A flag indicating whether the media port is enabled during normal operation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapEnabled." If "tbl_MediaPort.CapEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@CapMWI

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of turning MWIs on and off.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapMWI

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapMWI." If "tbl_MediaPort.CapMWI" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CapNotification

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of notifying subscribers of messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapNotification
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapNotification." If "tbl_MediaPort.CapNotification" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CapTrapConnection

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of enabling subscribers to use the phone as a recording and playback device in Cisco Unity Connection web applications and e-mail clients.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapTrapConnection
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapTrapConnection." If "tbl_MediaPort.CapTrapConnection" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Extension

Property Name	Value
Description:	The dialable number (extension) of this line/port.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.Extension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.Extension." If "tbl_MediaPort.Extension" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@HuntOrder

Property Name	Value
Description:	The position of this line in the hunt group as configured on the switch, with the highest numbers representing the lines that are first ("use me first") in the hunt group. Ports can have the same HuntOrder, and in that case ports will be selected on a round-robin (or longest-idle) basis.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.HuntOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.HuntOrder." If "tbl_MediaPort.HuntOrder" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object to which this port belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.MediaPortGroupObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.MediaPortGroupObjectId." If "tbl_MediaPort.MediaPortGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NoLicenseCheck

Property Name	Value
Description:	Set to 1 to circumvent licensing check.
Notes:	License checks are performed in the background as well, this is only for temporarily adding ports before a license is purchased.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0."
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.ObjectId." If "tbl_MediaPort.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PortNumInGroup

Property Name	Value
Description:	The port number of this line as assigned by Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.PortNumInGroup
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "NULL."
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SkinnyDeviceCertificate

Property Name	Value
Description:	The X.509 certificate for this device as a PEM format string (base-64 encoded).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.SkinnyDeviceCertificate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (8000 characters)
Custom Type:	
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "NULL."
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SkinnyDevicePrivateKey

Property Name	Value
Description:	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.SkinnyDevicePrivateKey
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (8000 characters)
Custom Type:	
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "NULL."
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SkinnySecurityModeEnum

Property Name	Value
Description:	The security mode used for Skinny protocol sessions.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.SkinnySecurityModeEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SkinnySecurityMode
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.SkinnySecurityModeEnum." If "tbl_MediaPort.SkinnySecurityModeEnum" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object to which this line belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.VmsServerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.VmsServerObjectId." If "tbl_MediaPort.VmsServerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.142. csp_MediaPortDelete

Deletes a MediaPort object from tbl_MediaPort as specified by the @ObjectId parameter.

Additional Information

References to notification MWI objects are removed prior to deleting the MediaPort.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MediaPortDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MediaPort object was not found. The names of the object (Media port), table (tbl_MediaPort), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MediaPort), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.ObjectId." If "tbl_MediaPort.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.143. csp_MediaPortGroup_SuggestDisplayName

Autogenerates the default display name for a MediaPortGroup.

Additional Information

This procedure is used by the Phone System Integration Create Wizard to create a useful default name for the media port group. The user has the ability to change the name if they desire through the wizard. This procedure is not called directly by a client, but rather is called by csp_MediaPortGroupCreate if NULL is passed for the MediaPortGroup.DisplayName.

The root of the suggested port group name is derived differently depending on a few factors:

- * If @Root is NULL and the new port group is being created based on copying an existing port group -- the suggested DisplayName will be the display name of the specified port group stripped of any trailing digits. For example, if the existing port group has DisplayName "PortGroup-1", the root of the suggested name will be "PortGroup-".
- * If @Root is NULL and @MediaSwitchObjectId contains a valid Media Switch -- the suggested DisplayName will be the display name of the specified MediaSwitch with a dash appended.
- * If @Root is not passed in and both @MediaSwitchObjectId and @NamedLikeMediaPortGroupObjectId are NULL -- the suggested DisplayName will be "PortGroup."

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DisplayName	Out	inherit	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@MediaSwitchObjectId	In	ignore	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Optional	@NamedLikeMediaPortGroupObjectId	In	ignore	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Optional	@Root	In	ignore	nvarchar (64 characters)	The preferred name for an object such as a user, distribution list, personal contact, credential policy, etc. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Exceptions

csp_MediaPortGroup_SuggestDisplayName will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaSwitchModel object was not found. The names of the parameter (@MediaSwitchModelObjectId), table (tbl_MediaSwitchModel), and column (ObjectId) are included with the exception message.

Parameter Properties

@DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.DisplayName." If "tbl_MediaPortGroup.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NamedLikeMediaPortGroupObjectid

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Root

Property Name	Value
Description:	The preferred name for an object such as a user, distribution list, personal contact, credential policy, etc. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

6.144. csp_MediaPortGroupCodecCreate

Create a row in tbl_MediaPortGroupCodec

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@MediaPortGroupObjec tId	In	inherit	char (36 characters)	The unique identifier of the MediaPortGroup object that is mapped to the specified RtpCodecDef.
Optional	@ObjectId	Out	inherit	char (36 characters)	Primary key
Optional	@Preference	In	inherit	int (4 bytes)	Preference ranking for this codec relative to other codecs supported for the port group. Lowest value of Preference is the most preferred.
Optional	@PreferredPacketSizeM s	In	inherit	int (4 bytes)	Specifies the default packet size (in milliseconds) when negotiating this codec for SIP. The setting is used in the following situations: 1) No incoming SDP ptime attribute in incoming SDP offer. 2) Cisco Unity Connection initiated SDP offer. If the other party in the SIP negotiation provides a ptime attribute in the SDP before Cisco Unity Connection has a chance to do it, Cisco Unity Connection honors the request and this setting does not come into play.
Optional	@RtpCodecDefObjectId	In	inherit	char (36 characters)	The unique identifier of the RtpCodecDefinition object that is mapped to the specified MediaPortGroup.

Exceptions

csp_MediaPortGroupCodecCreate does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object that is mapped to the specified RtpCodecDef.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.MediaPortGroupObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.MediaPortGroupObjectId." If "tbl_MediaPortGroupCodec.MediaPortGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Primary key
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.ObjectId." If "tbl_MediaPortGroupCodec.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Preference

Property Name	Value
Description:	Preference ranking for this codec relative to other codecs supported for the port group. Lowest value of Preference is the most preferred.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.Preference
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.Preference." If "tbl_MediaPortGroupCodec.Preference" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@PreferredPacketSizeMs

Property Name	Value
Description:	Specifies the default packet size (in milliseconds) when negotiating this codec for SIP. The setting is used in the following situations: 1) No incoming SDPptime attribute in incoming SDP offer. 2) Cisco Unity Connection initiated SDP offer. If the other party in the SIP negotiation provides aptime attribute in the SDP before Cisco Unity Connection has a chance to do it, Cisco Unity Connection honors the request and this setting does not come into play.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.PreferredPacketSizeMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	RTTPPacketSizeMs
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.PreferredPacketSizeMs." If "tbl_MediaPortGroupCodec.PreferredPacketSizeMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RtpCodecDefObjectId

Property Name	Value
Description:	The unique identifier of the RtpCodecDefinition object that is mapped to the specified MediaPortGroup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.RtpCodecDefObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.RtpCodecDefObjectId." If "tbl_MediaPortGroupCodec.RtpCodecDefObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.145. csp_MediaPortGroupCodecDelete

Delete a row in tbl_MediaPortGroupCodec

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Primary key
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_MediaPortGroupCodecDelete does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Primary key
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.ObjectId." If "tbl_MediaPortGroupCodec.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.146. csp_MediaPortGroupCodecModify

Modify a row in tbl_MediaPortGroupCodec

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Primary key
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@MediaPortGroupObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaPortGroup object that is mapped to the specified RtpCodecDef.
Optional	@Preference	In	inherit	int (4 bytes)	Preference ranking for this codec relative to other codecs supported for the port group. Lowest value of Preference is the most preferred.
Optional	@PreferredPacketSizes	In	inherit	int (4 bytes)	Specifies the default packet size (in milliseconds) when negotiating this codec for SIP. The setting is used in the following situations: 1) No incoming SDP ptime attribute in incoming SDP offer. 2) Cisco Unity Connection initiated SDP offer. If the other party in the SIP negotiation provides a ptime attribute in the SDP before Cisco Unity Connection has a chance to do it, Cisco Unity Connection honors the request and this setting does not come into play.
Optional	@RtpCodecDefObjectId	In	inherit	char (36 characters)	The unique identifier of the RtpCodecDefinition object that is mapped to the specified MediaPortGroup.

Exceptions

csp_MediaPortGroupCodecModify does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MediaPortGroupObjectld

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object that is mapped to the specified RtpCodecDef.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.MediaPortGroupObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.MediaPortGroupObjectId." If "tbl_MediaPortGroupCodec.MediaPortGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Primary key
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.ObjectId." If "tbl_MediaPortGroupCodec.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Preference

Property Name	Value
Description:	Preference ranking for this codec relative to other codecs supported for the port group. Lowest value of Preference is the most preferred.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.Preference
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.Preference." If "tbl_MediaPortGroupCodec.Preference" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@PreferredPacketSizeMs

Property Name	Value
Description:	Specifies the default packet size (in milliseconds) when negotiating this codec for SIP. The setting is used in the following situations: 1) No incoming SDPptime attribute in incoming SDP offer. 2) Cisco Unity Connection initiated SDP offer. If the other party in the SIP negotiation provides aptime attribute in the SDP before Cisco Unity Connection has a chance to do it, Cisco Unity Connection honors the request and this setting does not come into play.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.PreferredPacketSizeMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	RTTPPacketSizeMs
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.PreferredPacketSizeMs." If "tbl_MediaPortGroupCodec.PreferredPacketSizeMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RtpCodecDefObjectId

Property Name	Value
Description:	The unique identifier of the RtpCodecDefinition object that is mapped to the specified MediaPortGroup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupCodec.RtpCodecDefObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupCodec.RtpCodecDefObjectId." If "tbl_MediaPortGroupCodec.RtpCodecDefObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.147. csp_MediaPortGroupCreate

Creates a new MediaPortGroup object by inserting a new row into tbl_MediaPortGroup. The new MediaPortGroup object is created by one of three methods: either from a template (tbl_MediaPortGroupTemplate), an existing MediaPortGroup object or from scratch based on the values contained in the input parameters.

Additional Information

The parameter @MediaSwitchObjectId must be provided.

If @DisplayName is NULL, a name will be automatically generated by calling csp_MediaPortGroup_SuggestDisplayName. See csp_MediaPortGroup_SuggestDisplayName. If the integration method is PIMG and the new media port group is not being copied from an existing port group, the suggested name will begin with "PIMG-". If the new media port group is being copied from an existing port group, then the suggested name will be derived from that of the port group that is copied.

This stored procedure is different than most 'Create' stored procedures in that it doesn't create a new instance of an object based solely on the information from input parameters. Rather it creates a new MediaPortGroup from either a template (tbl_MediaPortGroupTemplate), copying an existing MediaPortGroup object or from scratch based on the information from the input parameters.

To create a new MediaPortGroup from a template, provide the target tbl_MediaPortGroupTemplate.ObjectId via the @MediaPortGroupTemplateObjectId parameter. This uses csp_private_MediaPortGroupCreateFromTemplate to create the new MediaPortGroup object from the template. If an input parameter contains a non_NULL or non-Default value, it will override the value of the corresponding template column value.

To create a new MediaPortGroup from an existing MediaPortGroup object, provide the ObjectId of the MediaPortGroup object to copy via the @CopyThisMediaPortGroupObjectId. If an input parameter contains a non_NULL or non-Default value, it will override the value of the corresponding column value.

When creating a new MediaPortGroup from an existing MediaPortGroup object, it is mandatory that the MediaSwitch is the same for both the MediaPortGroup that is copied and the new MediaPortGroup.

If both @MediaPortGroupTemplateObjectId and @CopyThisMediaPortGroupObjectId parameters are NULL, a new MediaPortGroup object is created based on the information contained in the input parameters.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object to which this MediaPortGroup belongs. The MediaSwitch represents the PBX/switch at the other end of the phone lines.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AgcTargetDB	In	inherit	smallint (2 bytes)	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CcmDoAutoFailback	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Optional	@CopyThisMediaPortGroupObjectId	In	ignore	char (36 characters)	Optional object from which to create new MediaPortGroup.
Optional	@DelayBeforeOpeningMs	In	inherit	smallint (2 bytes)	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Optional	@DisplayName	In	ignore	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DtmfDialInterDigitDelayMs	In	inherit	int (4 bytes)	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.
Optional	@EnableAGC	In	ignore	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.
Optional	@EnableMWI	In	inherit	smallint (2 bytes)	A flag indicating whether this port group can transmit message waiting indicator (MWI) on/off messages to the switch.
Optional	@MediaPortGroupTemplateObjectId	In	inherit	char (36 characters)	Optional template from which to create the new MediaPortGroup.
Optional	@MwiMaxConcurrentRequests	In	inherit	smallint (2 bytes)	The maximum number of MWI requests that can be in progress at any instant.
Optional	@MwiMinRequestIntervalMs	In	inherit	int (4 bytes)	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MwiOffCode	In	inherit	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).
Optional	@MwiOnCode	In	inherit	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Optional	@MwiReqPortSpecific	In	inherit	smallint (2 bytes)	A flag indicating whether MWI requests require a MediaPort.
Optional	@MwiRetryCountOnSuccess	In	inherit	smallint (2 bytes)	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Optional	@MwiRetryIntervalOnSuccessMs	In	inherit	smallint (2 bytes)	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see MWIRetryIntervalCountOnSuccess.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Optional	@OutgoingGuardTimeMs	In	inherit	int (4 bytes)	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Optional	@OutgoingPostDialDelayMs	In	inherit	int (4 bytes)	The delay (in milliseconds) after dialing an outgoing call.
Optional	@OutgoingPreDialDelayMs	In	inherit	int (4 bytes)	The delay (in milliseconds) before dialing.
Optional	@PortNumMax	In	inherit	int (4 bytes)	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.
Optional	@SipAuthenticateAsUser	In	inherit	nvarchar (64 characters)	The user name used for SIP authentication.
Optional	@SipAuthenticatePassword	In	inherit	lvarchar (256 characters)	The password to use during SIP authentication.
Optional	@SipContactLineNumber	In	inherit	nvarchar (64 characters)	The dialable (extension) number of the lines in this group, i.e., pilot number.
Optional	@SipDoAuthenticate	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SipRegisterWithProxy Server	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.
Optional	@SipTransportProtocol Enum	In	inherit	smallint (2 bytes)	The transport protocol Cisco Unity Connection should use for the SIP integration.
Optional	@SkinnyDevicePrefix	In	inherit	nvarchar (48 characters)	The prefix Cisco Unity Connection uses to generate Skinny device name for ports belonging to this group.
Optional	@TelephonyIntegration MethodEnum	In	inherit	smallint (2 bytes)	The method used by lines in this group to integrate with the switch.
Optional	@WaitForCallInfoMs	In	inherit	int (4 bytes)	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.

Exceptions

csp_MediaPortGroupCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @MediaSwitchObjectId is NULL. The name of the missing parameter is included with the exception message.
1003	EXCEPTION_PARAMETER_INVALID	The values of @MediaPortGroupTemplateObjectId and @CopyThisMediaPortGroupObjectId are both non-NULL. One of these parameters must contain a NULL value. The names of the missing parameters and their respective values (GUID) are included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	<p>There are three conditions that can cause a Object Not found exception to be thrown:</p> <ol style="list-style-type: none"> 1. The target MediaPortGroup that is to be copied, which is specified by @CopyThisMediaPortGroupObjectId was not found. The names of the object (Media port group), table (tbl_MediaPortGroup), and column (ObjectId) are included with the exception message. 2. The MediaSwitch specified by @MediaSwitchObjectId either was not found or does not match the MediaSwitch associated with the target MediaPortGroup that is to be copied. The names of the object (Media port group), table (tbl_MediaPortGroup), and column (MediaSwitchObjectId) are included with the exception message. 3. From csp_private_MediaPortGroupCreateFromTemplate: The MediaPortGroupTemplate specified by the @MediaPortGroupTemplateObjectId was not found. The names of the object (Media port group template), table (tbl_MediaPortGroupTemplate), and column (MediaPortGroupTemplateObjectId) are included with the exception message.

Parameter Properties

@AgcTargetDB

Property Name	Value
Description:	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.AgcTargetDB
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.AgcTargetDB." If "tbl_MediaPortGroup.AgcTargetDB" can be NULL, then explicit NULL is allowed.
Default Value:	-26
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CcmDoAutoFailback

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.CcmDoAutoFailback
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.CcmDoAutoFailback." If "tbl_MediaPortGroup.CcmDoAutoFailback" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CopyThisMediaPortGroupObjectId

Property Name	Value
Description:	Optional object from which to create new MediaPortGroup.
Notes:	If present and the objectId of the MediaPortGroup specified by this parameter is found in tbl_MediaPortGroup, the new MediaPortGroup will be created using the values of this object, which may be overridden via the input parameters.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DelayBeforeOpeningMs

Property Name	Value
Description:	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.DelayBeforeOpeningMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.DelayBeforeOpeningMs." If "tbl_MediaPortGroup.DelayBeforeOpeningMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	If NULL, autogenerate a "suggested" display name for the port group.
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfDialInterDigitDelayMs

Property Name	Value
Description:	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.DtmfDialInterDigitDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.DtmfDialInterDigitDelayMs." If "tbl_MediaPortGroup.DtmfDialInterDigitDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@EnableAGC

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.EnableAGC
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableMWI

Property Name	Value
Description:	A flag indicating whether this port group can transmit message waiting indicator (MWI) on/off messages to the switch.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.EnableMWI
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.EnableMWI." If "tbl_MediaPortGroup.EnableMWI" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MediaPortGroupTemplateObjectId

Property Name	Value
Description:	Optional template from which to create the new MediaPortGroup.
Notes:	If present and the objectId of the template specified by this parameter is found in tbl_MediaPortGroupTemplate, the new MediaPortGroup will be created using the values of the template, which may be overridden via the input parameters.
Business Rules:	Must exist in vw_MediaPortGroupTemplate
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MediaPortGroupTemplateObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MediaPortGroupTemplateObjectId." If "tbl_MediaPortGroup.MediaPortGroupTemplateObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to which this MediaPortGroup belongs. The MediaSwitch represents the PBX/switch at the other end of the phone lines.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MediaSwitchObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MediaSwitchObjectId." If "tbl_MediaPortGroup.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MwiMaxConcurrentRequests

Property Name	Value
Description:	The maximum number of MWI requests that can be in progress at any instant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiMaxConcurrentRequests
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiMaxConcurrentRequests." If "tbl_MediaPortGroup.MwiMaxConcurrentRequests" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MwiMinRequestIntervalMs

Property Name	Value
Description:	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_MediaPortGroup.MwiMinRequestIntervalMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiMinRequestIntervalMs." If "tbl_MediaPortGroup.MwiMinRequestIntervalMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MwiOffCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiOffCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	MwiCode
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiOffCode." If "tbl_MediaPortGroup.MwiOffCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MwiOnCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiOnCode

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	MwiCode
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiOnCode." If "tbl_MediaPortGroup.MwiOnCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MwiReqPortSpecific

Property Name	Value
Description:	A flag indicating whether MWI requests require a MediaPort.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiReqPortSpecific
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiReqPortSpecific." If "tbl_MediaPortGroup.MwiReqPortSpecific" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MwiRetryCountOnSuccess

Property Name	Value
Description:	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiRetryCountOnSuccess
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiRetryCountOnSuccess." If "tbl_MediaPortGroup.MwiRetryCountOnSuccess" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MwiRetryIntervalOnSuccessMs

Property Name	Value
Description:	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see MWIRetryIntervalCountOnSuccess.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiRetryIntervalOnSuccessMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiRetryIntervalOnSuccessMs." If "tbl_MediaPortGroup.MwiRetryIntervalOnSuccessMs" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.ObjectId." If "tbl_MediaPortGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@OutgoingGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.OutgoingGuardTimeMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.OutgoingGuardTimeMs." If "tbl_MediaPortGroup.OutgoingGuardTimeMs" can be NULL, then explicit NULL is allowed.
Default Value:	2500
Direction:	In
Update Column Value From Parameter:	True

@OutgoingPostDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) after dialing an outgoing call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.OutgoingPostDialDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.OutgoingPostDialDelayMs." If "tbl_MediaPortGroup.OutgoingPostDialDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@OutgoingPreDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) before dialing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.OutgoingPreDialDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.OutgoingPreDialDelayMs." If "tbl_MediaPortGroup.OutgoingPreDialDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@PortNumMax

Property Name	Value
Description:	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.PortNumMax
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.PortNumMax." If "tbl_MediaPortGroup.PortNumMax" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SipAuthenticateAsUser

Property Name	Value
Description:	The user name used for SIP authentication.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipAuthenticateAsUser
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipAuthenticateAsUser." If "tbl_MediaPortGroup.SipAuthenticateAsUser" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SipAuthenticatePassword

Property Name	Value
Description:	The password to use during SIP authentication.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipAuthenticatePassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipAuthenticatePassword." If "tbl_MediaPortGroup.SipAuthenticatePassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SipContactLineName

Property Name	Value
Description:	The dialable (extension) number of the lines in this group, i.e., pilot number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipContactLineName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipContactLineName." If "tbl_MediaPortGroup.SipContactLineName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SipDoAuthenticate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipDoAuthenticate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipDoAuthenticate." If "tbl_MediaPortGroup.SipDoAuthenticate" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SipRegisterWithProxyServer

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipRegisterWithProxyServer
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipRegisterWithProxyServer." If "tbl_MediaPortGroup.SipRegisterWithProxyServer" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SipTransportProtocolEnum

Property Name	Value
Description:	The transport protocol Cisco Unity Connection should use for the SIP integration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipTransportProtocolEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SIPTransportProtocol

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipTransportProtocolEnum." If "tbl_MediaPortGroup.SipTransportProtocolEnum" can be NULL, then explicit NULL is allowed.
Default Value:	10
Direction:	In
Update Column Value From Parameter:	True

@SkinnyDevicePrefix

Property Name	Value
Description:	The prefix Cisco Unity Connection uses to generate Skinny device name for ports belonging to this group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SkinnyDevicePrefix
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (48 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SkinnyDevicePrefix." If "tbl_MediaPortGroup.SkinnyDevicePrefix" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used by lines in this group to integrate with the switch.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.TelephonyIntegrationMethodEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TelephonyIntegrationMethod

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.TelephonyIntegrationMethodEnum." If "tbl_MediaPortGroup.TelephonyIntegrationMethodEnum" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@WaitForCallInfoMs

Property Name	Value
Description:	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.WaitForCallInfoMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.WaitForCallInfoMs." If "tbl_MediaPortGroup.WaitForCallInfoMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.148. csp_MediaPortGroupDelete

Deletes a MediaPortGroup from tbl_MediaPortGroup as specified by the @ObjectId parameter.

Additional Information

References to notification MWI objects are removed prior to deleting the MediaPortGroup.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MediaPortGroupDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MediaPortGroup object was not found. The names of the object (Media port group), table (tbl_MediaPortGroup), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MediaPortGroup), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.ObjectId." If "tbl_MediaPortGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.149. csp_MediaPortGroupIPPortCreate

Creates a new MediaPortGroupIPPort object by inserting a new row into tbl_MediaPortGroupIPPort.

Additional Information

The parameters @MediaPortGroupObjectId and @VmsServerObjectId must be provided.

If @IpPort is NULL, IpPort will be automatically assigned by calling csp_MediaPortGroupIPPort_GetNextAvailablePort.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@IpPortPurposeEnum	In	inherit	smallint (2 bytes)	The purpose for which this IP port is used.
Required	@MediaPortGroupObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaPortGroup object that will open a socket using this IP port.
Required	@VmsServerObjectId	In	inherit	char (36 characters)	The unique identifier of the VMSServer object on which this IP port is located.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IpPort	In	ignore	int (4 bytes)	The IP port number.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.

Exceptions

csp_MediaPortGroupIPPortCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@IpPortPurposeEnum, @MediaPortGroupObjectId, and @VmsServerObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IpPort

Property Name	Value
Description:	The IP port number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupIPPort.IpPort
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IpPortPurposeEnum

Property Name	Value
Description:	The purpose for which this IP port is used.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupIPPort.IpPortPurposeEnum
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	IPPortPurpose
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupIPPort.IpPortPurposeEnum." If "tbl_MediaPortGroupIPPort.IpPortPurposeEnum" can be NULL, then explicit NULL is allowed.
Default Value:	500
Direction:	In
Update Column Value From Parameter:	True

@MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object that will open a socket using this IP port.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupIPPort.MediaPortGroupObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupIPPort.MediaPortGroupObjectId." If "tbl_MediaPortGroupIPPort.MediaPortGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupIPPort.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupIPPort.ObjectId." If "tbl_MediaPortGroupIPPort.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@VmsServerObjectId

Property Name	Value
Description:	The unique identifier of the VMSServer object on which this IP port is located.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupIPPort.VmsServerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupIPPort.VmsServerObjectId." If "tbl_MediaPortGroupIPPort.VmsServerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.150. csp_MediaPortGroupIPPortDelete

Deletes a MediaPortGroupIPPort object from tbl_MediaPortGroupIPPort as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MediaPortGroupIPPortDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MediaPortGroupIPPort object was not found. The names of the object (Media port group IP Port), table (tbl_MediaPortGroupIPPort), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MediaPortGroupIPPort), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupIPPort.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupIPPort.ObjectId." If "tbl_MediaPortGroupIPPort.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.151. csp_MediaPortGroupIPPortModify

Updates the attributes of a MediaPortGroupIPPort object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPortGroupIPPort object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IpPort	In	inherit	int (4 bytes)	The IP port number.

Exceptions

csp_MediaPortGroupIPPortModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaPortGroupIPPort object was not found. The names of the object (Media port group IP Port), table (tbl_MediaPortGroupIPPort), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IpPort

Property Name	Value
Description:	The IP port number.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_MediaPortGroupIPPort.IpPort
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupIPPort.IpPort." If "tbl_MediaPortGroupIPPort.IpPort" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupIPPort object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupIPPort.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupIPPort.ObjectId." If "tbl_MediaPortGroupIPPort.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.152. csp_MediaPortGroupModify

Updates the attributes of a MediaPortGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPortGroup object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Optional	@AgcTargetDB	In	inherit	smallint (2 bytes)	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CcmDoAutoFailback	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Optional	@DelayBeforeOpeningMs	In	inherit	smallint (2 bytes)	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DtmfDialInterDigitDelayMs	In	inherit	int (4 bytes)	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@EnableAGC	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.
Optional	@EnableMWI	In	inherit	smallint (2 bytes)	A flag indicating whether this port group can transmit message waiting indicator (MWI) on/off messages to the switch.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object to which this MediaPortGroup belongs. The MediaSwitch represents the PBX/switch at the other end of the phone lines.
Optional	@MwiMaxConcurrentRequests	In	inherit	smallint (2 bytes)	The maximum number of MWI requests that can be in progress at any instant.
Optional	@MwiMinRequestIntervalMs	In	inherit	int (4 bytes)	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.
Optional	@MwiOffCode	In	inherit	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).
Optional	@MwiOnCode	In	inherit	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Optional	@MwiReqPortSpecific	In	inherit	smallint (2 bytes)	A flag indicating whether MWI requests require a MediaPort.
Optional	@MwiRetryCountOnSuccess	In	inherit	smallint (2 bytes)	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Optional	@MwiRetryIntervalOnSuccessMs	In	inherit	smallint (2 bytes)	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see MWIRetryIntervalCountOnSuccess.
Optional	@OutgoingGuardTimeMs	In	inherit	int (4 bytes)	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Optional	@OutgoingPostDialDelayMs	In	inherit	int (4 bytes)	The delay (in milliseconds) after dialing an outgoing call.
Optional	@OutgoingPreDialDelayMs	In	inherit	int (4 bytes)	The delay (in milliseconds) before dialing.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@PortNumMax	In	inherit	int (4 bytes)	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.
Optional	@SipAuthenticateAsUser	In	inherit	nvarchar (64 characters)	The user name used for SIP authentication.
Optional	@SipAuthenticatePassword	In	inherit	lvarchar (256 characters)	The password to use during SIP authentication.
Optional	@SipContactLineName	In	inherit	nvarchar (64 characters)	The dialable (extension) number of the lines in this group, i.e., pilot number.
Optional	@SipDoAuthenticate	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Optional	@SipRegisterWithProxyServer	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.
Optional	@SipTransportProtocolEnum	In	inherit	smallint (2 bytes)	The transport protocol Cisco Unity Connection should use for the SIP integration.
Optional	@SkinnyDevicePrefix	In	inherit	nvarchar (48 characters)	The prefix Cisco Unity Connection uses to generate Skinny device name for ports belonging to this group.
Optional	@WaitForCallInfoMs	In	inherit	int (4 bytes)	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.

Exceptions

csp_MediaPortGroupModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaPortGroup object was not found. The names of the object (Media port group), table (tbl_MediaPortGroup), and column (ObjectId) are included with the exception message.

Parameter Properties

@AgcTargetDB

Property Name	Value
Description:	The average decibel (dB) level that a recorded message should have after application of automatic gain control (AGC). This is the "nominal gain" for all recordings processed by AGC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.AgcTargetDB
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.AgcTargetDB." If "tbl_MediaPortGroup.AgcTargetDB" can be NULL, then explicit NULL is allowed.
Default Value:	-26
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CcmDoAutoFailback

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.CcmDoAutoFailback
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.CcmDoAutoFailback." If "tbl_MediaPortGroup.CcmDoAutoFailback" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DelayBeforeOpeningMs

Property Name	Value
Description:	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.DelayBeforeOpeningMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.DelayBeforeOpeningMs." If "tbl_MediaPortGroup.DelayBeforeOpeningMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this MediaPortGroup. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.DisplayName." If "tbl_MediaPortGroup.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfDialInterDigitDelayMs

Property Name	Value
Description:	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.DtmfDialInterDigitDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.DtmfDialInterDigitDelayMs." If "tbl_MediaPortGroup.DtmfDialInterDigitDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@EnableAGC

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.EnableAGC
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.EnableAGC." If "tbl_MediaPortGroup.EnableAGC" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableMWI

Property Name	Value
Description:	A flag indicating whether this port group can transmit message waiting indicator (MWI) on/off messages to the switch.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.EnableMWI
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.EnableMWI." If "tbl_MediaPortGroup.EnableMWI" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to which this MediaPortGroup belongs. The MediaSwitch represents the PBX/switch at the other end of the phone lines.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MediaSwitchObjectId." If "tbl_MediaPortGroup.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MwiMaxConcurrentRequests

Property Name	Value
Description:	The maximum number of MWI requests that can be in progress at any instant.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiMaxConcurrentRequests
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiMaxConcurrentRequests." If "tbl_MediaPortGroup.MwiMaxConcurrentRequests" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MwiMinRequestIntervalMs

Property Name	Value
Description:	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiMinRequestIntervalMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiMinRequestIntervalMs." If "tbl_MediaPortGroup.MwiMinRequestIntervalMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MwiOffCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiOffCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	MwiCode
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiOffCode." If "tbl_MediaPortGroup.MwiOffCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MwiOnCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiOnCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	MwiCode
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiOnCode." If "tbl_MediaPortGroup.MwiOnCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MwiReqPortSpecific

Property Name	Value
Description:	A flag indicating whether MWI requests require a MediaPort.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_MediaPortGroup.MwiReqPortSpecific
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiReqPortSpecific." If "tbl_MediaPortGroup.MwiReqPortSpecific" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MwiRetryCountOnSuccess

Property Name	Value
Description:	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.MwiRetryCountOnSuccess
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiRetryCountOnSuccess." If "tbl_MediaPortGroup.MwiRetryCountOnSuccess" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MwiRetryIntervalOnSuccessMs

Property Name	Value
Description:	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see MWIRetryIntervalCountOnSuccess.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_MediaPortGroup.MwiRetryIntervalOnSuccessMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.MwiRetryIntervalOnSuccessMs." If "tbl_MediaPortGroup.MwiRetryIntervalOnSuccessMs" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.ObjectId." If "tbl_MediaPortGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@OutgoingGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.OutgoingGuardTimeMs

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.OutgoingGuardTimeMs." If "tbl_MediaPortGroup.OutgoingGuardTimeMs" can be NULL, then explicit NULL is allowed.
Default Value:	2500
Direction:	In
Update Column Value From Parameter:	True

@OutgoingPostDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) after dialing an outgoing call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.OutgoingPostDialDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.OutgoingPostDialDelayMs." If "tbl_MediaPortGroup.OutgoingPostDialDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@OutgoingPreDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) before dialing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.OutgoingPreDialDelayMs
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.OutgoingPreDialDelayMs." If "tbl_MediaPortGroup.OutgoingPreDialDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@PortNumMax

Property Name	Value
Description:	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.PortNumMax
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.PortNumMax." If "tbl_MediaPortGroup.PortNumMax" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SipAuthenticateAsUser

Property Name	Value
Description:	The user name used for SIP authentication.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipAuthenticateAsUser
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipAuthenticateAsUser." If "tbl_MediaPortGroup.SipAuthenticateAsUser" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SipAuthenticatePassword

Property Name	Value
Description:	The password to use during SIP authentication.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipAuthenticatePassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipAuthenticatePassword." If "tbl_MediaPortGroup.SipAuthenticatePassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SipContactLineName

Property Name	Value
Description:	The dialable (extension) number of the lines in this group, i.e., pilot number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipContactLineName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipContactLineName." If "tbl_MediaPortGroup.SipContactLineName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SipDoAuthenticate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipDoAuthenticate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipDoAuthenticate." If "tbl_MediaPortGroup.SipDoAuthenticate" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SipRegisterWithProxyServer

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipRegisterWithProxyServer
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipRegisterWithProxyServer." If "tbl_MediaPortGroup.SipRegisterWithProxyServer" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SipTransportProtocolEnum

Property Name	Value
Description:	The transport protocol Cisco Unity Connection should use for the SIP integration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SipTransportProtocolEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SIPTransportProtocol
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SipTransportProtocolEnum." If "tbl_MediaPortGroup.SipTransportProtocolEnum" can be NULL, then explicit NULL is allowed.
Default Value:	10
Direction:	In
Update Column Value From Parameter:	True

@SkinnyDevicePrefix

Property Name	Value
Description:	The prefix Cisco Unity Connection uses to generate Skinny device name for ports belonging to this group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.SkinnyDevicePrefix
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (48 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.SkinnyDevicePrefix." If "tbl_MediaPortGroup.SkinnyDevicePrefix" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@WaitForCallInfoMs

Property Name	Value
Description:	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroup.WaitForCallInfoMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroup.WaitForCallInfoMs." If "tbl_MediaPortGroup.WaitForCallInfoMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.153. csp_MediaPortGroupTemplateCreate

Creates a new MediaPortGroupTemplate object by inserting a new row into tbl_MediaPortGroupTemplate.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Copy_CCMDDoAutoFailback	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Optional	@Copy_DelayBeforeOpeningMs	In	inherit	smallint (2 bytes)	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Optional	@Copy_DTMFDialInterDigitDelayMs	In	inherit	int (4 bytes)	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.
Optional	@Copy_EnableAGC	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.
Optional	@Copy_EnableMWI	In	inherit	smallint (2 bytes)	A flag indicating whether ports in this group can transmit message waiting indicator (MWI) on/off messages to the switch via inband integration method (through use of DTMF).
Optional	@Copy_MWIMinRequestIntervalMs	In	inherit	int (4 bytes)	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Copy_MWIOffCode	In	inherit	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).
Optional	@Copy_MWIONCode	In	inherit	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Optional	@Copy_MWIReqPortSpecific	In	inherit	smallint (2 bytes)	A flag indicating whether MWI requests require a MediaPort.
Optional	@Copy_MWIRetryCountOnSuccess	In	inherit	smallint (2 bytes)	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Optional	@Copy_MWIRetryIntervalOnSuccessMs	In	inherit	smallint (2 bytes)	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see Copy_MWIRetryIntervalCountOnSuccess.
Optional	@Copy_OutgoingGuardTimeMs	In	inherit	int (4 bytes)	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Optional	@Copy_OutgoingPostDialDelayMs	In	inherit	int (4 bytes)	The delay (in milliseconds) after dialing an outgoing call.
Optional	@Copy_OutgoingPreDialDelayMs	In	inherit	int (4 bytes)	The delay (in milliseconds) before dialing.
Optional	@Copy_PortNumMax	In	inherit	int (4 bytes)	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.
Optional	@Copy_SIPDoAuthenticate	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Optional	@Copy_SIPRegisterWithProxyServer	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.
Optional	@Copy_SIPTransportProtocolEnum	In	inherit	smallint (2 bytes)	The transport protocol Cisco Unity Connection should use for the SIP integration.
Optional	@Copy_TelephonyIntegrationMethodEnum	In	inherit	smallint (2 bytes)	The method used by lines in this group to integrate with the switch.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Copy_WaitForCallInfoMs	In	inherit	int (4 bytes)	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.
Optional	@MediaSwitchModelObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitchModel object to which this template applies.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupTemplate object.
Optional	@TemplateDescriptionDefault	In	inherit	nvarchar (256 characters)	A description of the MediaPortGroupTemplate to aid the user in the selection of a template for the purpose of creating a new MediaPortGroup. Information such as Cisco Unity Connection system requirements and PBX requirements are contained in this column.
Optional	@TemplateDescriptionLoc	In	inherit	nvarchar (256 characters)	The short name of template description used to retrieve the localized version of the template description from tbl_LocalizedText.
Optional	@TemplateNameDefault	In	inherit	nvarchar (256 characters)	The name/title of the template.
Optional	@TemplateNameLoc	In	inherit	nvarchar (256 characters)	The short name of template name used to retrieve the localized version of the template name from tbl_LocalizedText.

Exceptions

csp_MediaPortGroupTemplateCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Copy_CCMDDoAutoFailback

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_CCMDdoAutoFailback
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_CCMDdoAutoFailback." If "tbl_MediaPortGroupTemplate.Copy_CCMDdoAutoFailback" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Copy_DelayBeforeOpeningMs

Property Name	Value
Description:	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_DelayBeforeOpeningMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_DelayBeforeOpeningMs." If "tbl_MediaPortGroupTemplate.Copy_DelayBeforeOpeningMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_DTMFDialInterDigitDelayMs

Property Name	Value
Description:	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_DTMFDialInterDigitDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_DTMFDialInterDigitDelayMs." If "tbl_MediaPortGroupTemplate.Copy_DTMFDialInterDigitDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@Copy_EnableAGC

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection should apply software-based gain control when recording messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_EnableAGC
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_EnableAGC." If "tbl_MediaPortGroupTemplate.Copy_EnableAGC" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_EnableMWI

Property Name	Value
Description:	A flag indicating whether ports in this group can transmit message waiting indicator (MWI) on/off messages to the switch via inband integration method (through use of DTMF).

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_EnableMWI
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_EnableMWI." If "tbl_MediaPortGroupTemplate.Copy_EnableMWI" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIMinRequestIntervalMs

Property Name	Value
Description:	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIMinRequestIntervalMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIMinRequestIntervalMs." If "tbl_MediaPortGroupTemplate.Copy_MWIMinRequestIntervalMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIOffCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIOffCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	MwiCode
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIOffCode." If "tbl_MediaPortGroupTemplate.Copy_MWIOffCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIONCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIONCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	MwiCode
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIONCode." If "tbl_MediaPortGroupTemplate.Copy_MWIONCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIReqPortSpecific

Property Name	Value
Description:	A flag indicating whether MWI requests require a MediaPort.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIReqPortSpecific
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIReqPortSpecific." If "tbl_MediaPortGroupTemplate.Copy_MWIReqPortSpecific" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIRetryCountOnSuccess

Property Name	Value
Description:	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIRetryCountOnSuccess
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIRetryCountOnSuccess." If "tbl_MediaPortGroupTemplate.Copy_MWIRetryCountOnSuccess" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIRetryIntervalOnSuccessMs

Property Name	Value
Description:	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see Copy_MWIRetryIntervalCountOnSuccess.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIRetryIntervalOnSuccessMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIRetryIntervalOnSuccessMs." If "tbl_MediaPortGroupTemplate.Copy_MWIRetryIntervalOnSuccessMs" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@Copy_OutgoingGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_OutgoingGuardTimeMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_OutgoingGuardTimeMs." If "tbl_MediaPortGroupTemplate.Copy_OutgoingGuardTimeMs" can be NULL, then explicit NULL is allowed.
Default Value:	2500
Direction:	In
Update Column Value From Parameter:	True

@Copy_OutgoingPostDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) after dialing an outgoing call.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_OutgoingPostDialDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_OutgoingPostDialDelayMs." If "tbl_MediaPortGroupTemplate.Copy_OutgoingPostDialDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_OutgoingPreDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) before dialing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_OutgoingPreDialDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_OutgoingPreDialDelayMs." If "tbl_MediaPortGroupTemplate.Copy_OutgoingPreDialDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_PortNumMax

Property Name	Value
Description:	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_PortNumMax
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_PortNumMax." If "tbl_MediaPortGroupTemplate.Copy_PortNumMax" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_SIPDoAuthenticate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_SIPDoAuthenticate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_SIPDoAuthenticate." If "tbl_MediaPortGroupTemplate.Copy_SIPDoAuthenticate" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_SIPRegisterWithProxyServer

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_SIPRegisterWithProxyServer
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_SIPRegisterWithProxyServer." If "tbl_MediaPortGroupTemplate.Copy_SIPRegisterWithProxyServer" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_SIPTransportProtocolEnum

Property Name	Value
Description:	The transport protocol Cisco Unity Connection should use for the SIP integration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_SIPTransportProtocolEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SIPTransportProtocol
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_SIPTransportProtocolEnum." If "tbl_MediaPortGroupTemplate.Copy_SIPTransportProtocolEnum" can be NULL, then explicit NULL is allowed.
Default Value:	10
Direction:	In
Update Column Value From Parameter:	True

@Copy_TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used by lines in this group to integrate with the switch.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_TelephonyIntegrationMethodEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TelephonyIntegrationMethod
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_TelephonyIntegrationMethodEnum." If "tbl_MediaPortGroupTemplate.Copy_TelephonyIntegrationMethodEnum" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Copy_WaitForCallInfoMs

Property Name	Value
Description:	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_WaitForCallInfoMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_WaitForCallInfoMs." If "tbl_MediaPortGroupTemplate.Copy_WaitForCallInfoMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchModelObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchModel object to which this template applies.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.MediaSwitchModelObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.MediaSwitchModelObjectId." If "tbl_MediaPortGroupTemplate.MediaSwitchModelObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupTemplate object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.ObjectId." If "tbl_MediaPortGroupTemplate.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@TemplateDescriptionDefault

Property Name	Value
Description:	A description of the MediaPortGroupTemplate to aid the user in the selection of a template for the purpose of creating a new MediaPortGroup. Information such as Cisco Unity Connection system requirements and PBX requirements are contained in this column.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.TemplateDescriptionDefault
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.TemplateDescriptionDefault." If "tbl_MediaPortGroupTemplate.TemplateDescriptionDefault" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TemplateDescriptionLoc

Property Name	Value
Description:	The short name of template description used to retrieve the localized version of the template description from tbl_LocalizedText.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.TemplateDescriptionLoc
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.TemplateDescriptionLoc." If "tbl_MediaPortGroupTemplate.TemplateDescriptionLoc" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TemplateNameDefault

Property Name	Value
Description:	The name/title of the template.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.TemplateNameDefault
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.TemplateNameDefault." If "tbl_MediaPortGroupTemplate.TemplateNameDefault" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TemplateNameLoc

Property Name	Value
Description:	The short name of template name used to retrieve the localized version of the template name from tbl_LocalizedText.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.TemplateNameLoc
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.TemplateNameLoc." If "tbl_MediaPortGroupTemplate.TemplateNameLoc" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.154. csp_MediaPortGroupTemplateDelete

Deletes a MediaPortGroupTemplate object from tbl_MediaPortGroupTemplate as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupTemplate object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MediaPortGroupTemplateDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MediaPortGroupTemplate object was not found. The names of the object (Media port group template), table (tbl_MediaPortGroupTemplate), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MediaPortGroupTemplate), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupTemplate object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.ObjectId." If "tbl_MediaPortGroupTemplate.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.155. csp_MediaPortGroupTemplateModify

Updates the attributes of a MediaPortGroupTemplate object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPortGroupTemplate object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupTemplate object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Copy_CCMDAutoFailback	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Optional	@Copy_DelayBeforeOpeningMs	In	inherit	smallint (2 bytes)	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Optional	@Copy_DTMFDialInterDigitDelayMs	In	inherit	int (4 bytes)	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.
Optional	@Copy_EnableAGC	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should apply software-based gain control when recording messages.
Optional	@Copy_EnableMWI	In	inherit	smallint (2 bytes)	A flag indicating whether ports in this group can transmit message waiting indicator (MWI) on/off messages to the switch via inband integration method (through use of DTMF).

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Copy_MWIMinRequestIntervalMs	In	inherit	int (4 bytes)	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.
Optional	@Copy_MWIOffCode	In	inherit	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).
Optional	@Copy_MWIONCode	In	inherit	nvarchar (128 characters)	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Optional	@Copy_MWIReqPortSpecific	In	inherit	smallint (2 bytes)	A flag indicating whether MWI requests require a MediaPort.
Optional	@Copy_MWIRetryCountOnSuccess	In	inherit	smallint (2 bytes)	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Optional	@Copy_MWIRetryIntervalOnSuccessMs	In	inherit	smallint (2 bytes)	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see Copy_MWIRetryIntervalCountOnSuccess.
Optional	@Copy_OutgoingGuardTimeMs	In	inherit	int (4 bytes)	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Optional	@Copy_OutgoingPostDialDelayMs	In	inherit	int (4 bytes)	The delay (in milliseconds) after dialing an outgoing call.
Optional	@Copy_OutgoingPreDialDelayMs	In	inherit	int (4 bytes)	The delay (in milliseconds) before dialing.
Optional	@Copy_PortNumMax	In	inherit	int (4 bytes)	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.
Optional	@Copy_SIPDoAuthenticate	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Optional	@Copy_SIPRegisterWithProxyServer	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.
Optional	@Copy_SIPTransportProtocolEnum	In	inherit	smallint (2 bytes)	The transport protocol Cisco Unity Connection should use for the SIP integration.
Optional	@Copy_TelephonyIntegrationMethodEnum	In	inherit	smallint (2 bytes)	The method used by lines in this group to integrate with the switch.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Copy_WaitForCallInfoMs	In	inherit	int (4 bytes)	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.
Optional	@MediaSwitchModelObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitchModel object to which this template applies.
Optional	@TemplateDescriptionDefault	In	inherit	nvarchar (256 characters)	A description of the MediaPortGroupTemplate to aid the user in the selection of a template for the purpose of creating a new MediaPortGroup. Information such as Cisco Unity Connection system requirements and PBX requirements are contained in this column.
Optional	@TemplateDescriptionLoc	In	inherit	nvarchar (256 characters)	The short name of template description used to retrieve the localized version of the template description from tbl_LocalizedText.
Optional	@TemplateNameDefault	In	inherit	nvarchar (256 characters)	The name/title of the template.
Optional	@TemplateNameLoc	In	inherit	nvarchar (256 characters)	The short name of template name used to retrieve the localized version of the template name from tbl_LocalizedText.

Exceptions

csp_MediaPortGroupTemplateModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaPortGroupTemplate object was not found. The names of the object (Media port group template), table (tbl_MediaPortGroupTemplate), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Copy_CCMDAutoFailback

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should automatically re-register (i.e. failback) with a higher-precedence CCM server if one becomes available. This is pertinent if a Cisco Unity Connection Skinny device is currently registered to a CCM server that is not the primary server.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_CCMDDoAutoFailback
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_CCMDDoAutoFailback." If "tbl_MediaPortGroupTemplate.Copy_CCMDDoAutoFailback" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Copy_DelayBeforeOpeningMs

Property Name	Value
Description:	The delay (in milliseconds) after a call is connected before playing the opening greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_DelayBeforeOpeningMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_DelayBeforeOpeningMs." If "tbl_MediaPortGroupTemplate.Copy_DelayBeforeOpeningMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_DTMFDialInterDigitDelayMs

Property Name	Value
Description:	The amount of time (in milliseconds) between DTMF digits when sending DTMF to the PBX.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_DTMFDialInterDigitDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_DTMFDialInterDigitDelayMs." If "tbl_MediaPortGroupTemplate.Copy_DTMFDialInterDigitDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@Copy_EnableAGC

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection should apply software-based gain control when recording messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_EnableAGC
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_EnableAGC." If "tbl_MediaPortGroupTemplate.Copy_EnableAGC" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_EnableMWI

Property Name	Value
Description:	A flag indicating whether ports in this group can transmit message waiting indicator (MWI) on/off messages to the switch via inband integration method (through use of DTMF).

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_EnableMWI
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_EnableMWI." If "tbl_MediaPortGroupTemplate.Copy_EnableMWI" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIMinRequestIntervalMs

Property Name	Value
Description:	The minimum amount of time (in milliseconds) between sending MWI on/off requests to the switch.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIMinRequestIntervalMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIMinRequestIntervalMs." If "tbl_MediaPortGroupTemplate.Copy_MWIMinRequestIntervalMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIOffCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to deactivate (extinguish) a message waiting indicator (MWI).

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIOffCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	MwiCode
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIOffCode." If "tbl_MediaPortGroupTemplate.Copy_MWIOffCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIONCode

Property Name	Value
Description:	The access code that Cisco Unity Connection uses to activate (light) a message waiting indicator (MWI).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIONCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	MwiCode
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIONCode." If "tbl_MediaPortGroupTemplate.Copy_MWIONCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIReqPortSpecific

Property Name	Value
Description:	A flag indicating whether MWI requests require a MediaPort.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIReqPortSpecific
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIReqPortSpecific." If "tbl_MediaPortGroupTemplate.Copy_MWIReqPortSpecific" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIRetryCountOnSuccess

Property Name	Value
Description:	The number of times Cisco Unity Connection should repeat activating/deactivating an MWI upon success.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIRetryCountOnSuccess
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIRetryCountOnSuccess." If "tbl_MediaPortGroupTemplate.Copy_MWIRetryCountOnSuccess" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_MWIRetryIntervalOnSuccessMs

Property Name	Value
Description:	The minimum time interval (in milliseconds) between repeated transmissions of MWI on/off, see Copy_MWIRetryIntervalCountOnSuccess.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_MWIRetryIntervalOnSuccessMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_MWIRetryIntervalOnSuccessMs." If "tbl_MediaPortGroupTemplate.Copy_MWIRetryIntervalOnSuccessMs" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@Copy_OutgoingGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) a port in this group must be on-hook before the Cisco Unity Connection will allow an outgoing call on that port.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_OutgoingGuardTimeMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_OutgoingGuardTimeMs." If "tbl_MediaPortGroupTemplate.Copy_OutgoingGuardTimeMs" can be NULL, then explicit NULL is allowed.
Default Value:	2500
Direction:	In
Update Column Value From Parameter:	True

@Copy_OutgoingPostDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) after dialing an outgoing call.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_OutgoingPostDialDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_OutgoingPostDialDelayMs." If "tbl_MediaPortGroupTemplate.Copy_OutgoingPostDialDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_OutgoingPreDialDelayMs

Property Name	Value
Description:	The delay (in milliseconds) before dialing.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_OutgoingPreDialDelayMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_OutgoingPreDialDelayMs." If "tbl_MediaPortGroupTemplate.Copy_OutgoingPreDialDelayMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_PortNumMax

Property Name	Value
Description:	Specifies the maximum allowable value for tbl_MediaPort.PortNumInGroup for rows in that table that belong to this port group. Value of zero means that the number of ports is unlimited, subject to any other restrictions that may apply.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_PortNumMax
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_PortNumMax." If "tbl_MediaPortGroupTemplate.Copy_PortNumMax" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_SIPDoAuthenticate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should authenticate with the remote endpoint.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_SIPDoAuthenticate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_SIPDoAuthenticate." If "tbl_MediaPortGroupTemplate.Copy_SIPDoAuthenticate" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_SIPRegisterWithProxyServer

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should register with a SIP proxy server.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_SIPRegisterWithProxyServer
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_SIPRegisterWithProxyServer." If "tbl_MediaPortGroupTemplate.Copy_SIPRegisterWithProxyServer" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Copy_SIPTransportProtocolEnum

Property Name	Value
Description:	The transport protocol Cisco Unity Connection should use for the SIP integration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_SIPTransportProtocolEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SIPTransportProtocol
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_SIPTransportProtocolEnum." If "tbl_MediaPortGroupTemplate.Copy_SIPTransportProtocolEnum" can be NULL, then explicit NULL is allowed.
Default Value:	10
Direction:	In
Update Column Value From Parameter:	True

@Copy_TelephonyIntegrationMethodEnum

Property Name	Value
Description:	The method used by lines in this group to integrate with the switch.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_TelephonyIntegrationMethodEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TelephonyIntegrationMethod
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_TelephonyIntegrationMethodEnum." If "tbl_MediaPortGroupTemplate.Copy_TelephonyIntegrationMethodEnum" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Copy_WaitForCallInfoMs

Property Name	Value
Description:	Number of milliseconds to wait for call information (CallerID, CalledID, etc.) to arrive after answering the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.Copy_WaitForCallInfoMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.Copy_WaitForCallInfoMs." If "tbl_MediaPortGroupTemplate.Copy_WaitForCallInfoMs" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchModelObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchModel object to which this template applies.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.MediaSwitchModelObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.MediaSwitchModelObjectId." If "tbl_MediaPortGroupTemplate.MediaSwitchModelObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPortGroupTemplate object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.ObjectId." If "tbl_MediaPortGroupTemplate.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TemplateDescriptionDefault

Property Name	Value
Description:	A description of the MediaPortGroupTemplate to aid the user in the selection of a template for the purpose of creating a new MediaPortGroup. Information such as Cisco Unity Connection system requirements and PBX requirements are contained in this column.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.TemplateDescriptionDefault
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.TemplateDescriptionDefault." If "tbl_MediaPortGroupTemplate.TemplateDescriptionDefault" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TemplateDescriptionLoc

Property Name	Value
Description:	The short name of template description used to retrieve the localized version of the template description from tbl_LocalizedText.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.TemplateDescriptionLoc
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.TemplateDescriptionLoc." If "tbl_MediaPortGroupTemplate.TemplateDescriptionLoc" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TemplateNameDefault

Property Name	Value
Description:	The name/title of the template.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.TemplateNameDefault
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.TemplateNameDefault." If "tbl_MediaPortGroupTemplate.TemplateNameDefault" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TemplateNameLoc

Property Name	Value
Description:	The short name of template name used to retrieve the localized version of the template name from tbl_LocalizedText.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPortGroupTemplate.TemplateNameLoc
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPortGroupTemplate.TemplateNameLoc." If "tbl_MediaPortGroupTemplate.TemplateNameLoc" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.156. csp_MediaPortModify

Updates the attributes of a MediaPort object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaPort object that is updated.

Additional Information

This procedure does not update the SkinnyTSPDeviceIndex and RTPWavDeviceId columns in tbl_MediaPort.

SkinnyDoMediaEncryption is updated based on the value of SkinnySecurityModeEnum. If SkinnySecurityModeEnum is set to either "Authenticated" or "Encrypted," SkinnyDoMediaEncryption is set to 1 (Encrypted).

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CapAnswer	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is capable of answering calls.
Optional	@CapDeliverAmis	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of delivering AMIS messages.
Optional	@CapEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is enabled during normal operation.
Optional	@CapMWI	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of turning MWIs on and off.
Optional	@CapNotification	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of notifying subscribers of messages.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@CapTrapConnection	In	inherit	smallint (2 bytes)	A flag indicating whether the media port is capable of performing the function of enabling subscribers to use the phone as a recording and playback device in Cisco Unity Connection web applications and e-mail clients.
Optional	@Extension	In	inherit	varchar (128 characters)	The dialable number (extension) of this line/port.
Optional	@HuntOrder	In	inherit	smallint (2 bytes)	The position of this line in the hunt group as configured on the switch, with the highest numbers representing the lines that are first ("use me first") in the hunt group. Ports can have the same HuntOrder, and in that case ports will be selected on a round-robin (or longest-idle) basis.
Optional	@PortNumInGroup	In	inherit	smallint (2 bytes)	The port number of this line as assigned by Cisco Unity Connection.
Optional	@SkinnyDeviceCertificate	In	inherit	lvarchar (8000 characters)	The X.509 certificate for this device as a PEM format string (base-64 encoded).
Optional	@SkinnyDevicePrivateKey	In	inherit	lvarchar (8000 characters)	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Optional	@SkinnySecurityModeEnum	In	inherit	smallint (2 bytes)	The security mode used for Skinny protocol sessions.

Exceptions

csp_MediaPortModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaPort object was not found. The names of the object (Media port), table (tbl_MediaPort), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CapAnswer

Property Name	Value
Description:	A flag indicating whether the media port is capable of answering calls.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapAnswer
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapAnswer." If "tbl_MediaPort.CapAnswer" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CapDeliverAmis

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of delivering AMIS messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapDeliverAmis
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapDeliverAmis." If "tbl_MediaPort.CapDeliverAmis" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CapEnabled

Property Name	Value
Description:	A flag indicating whether the media port is enabled during normal operation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapEnabled

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapEnabled." If "tbl_MediaPort.CapEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@CapMWI

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of turning MWIs on and off.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapMWI
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapMWI." If "tbl_MediaPort.CapMWI" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CapNotification

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of notifying subscribers of messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapNotification
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapNotification." If "tbl_MediaPort.CapNotification" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CapTrapConnection

Property Name	Value
Description:	A flag indicating whether the media port is capable of performing the function of enabling subscribers to use the phone as a recording and playback device in Cisco Unity Connection web applications and e-mail clients.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.CapTrapConnection
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.CapTrapConnection." If "tbl_MediaPort.CapTrapConnection" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Extension

Property Name	Value
Description:	The dialable number (extension) of this line/port.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.Extension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.Extension." If "tbl_MediaPort.Extension" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@HuntOrder

Property Name	Value
Description:	The position of this line in the hunt group as configured on the switch, with the highest numbers representing the lines that are first ("use me first") in the hunt group. Ports can have the same HuntOrder, and in that case ports will be selected on a round-robin (or longest-idle) basis.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.HuntOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.HuntOrder." If "tbl_MediaPort.HuntOrder" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaPort object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.ObjectId." If "tbl_MediaPort.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@PortNumInGroup

Property Name	Value
Description:	The port number of this line as assigned by Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.PortNumInGroup
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.PortNumInGroup." If "tbl_MediaPort.PortNumInGroup" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SkinnyDeviceCertificate

Property Name	Value
Description:	The X.509 certificate for this device as a PEM format string (base-64 encoded).
Notes:	
Business Rules:	
Developer Notes:	Do not upd col with param value. Sproc code handles as special case.
Reference Table/Column:	tbl_MediaPort.SkinnyDeviceCertificate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (8000 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.SkinnyDeviceCertificate." If "tbl_MediaPort.SkinnyDeviceCertificate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	False

@SkinnyDevicePrivateKey

Property Name	Value
Description:	The RSA private key matching the public key in SkinnyDeviceCertificate in PEM format (base-64 encoded string).
Notes:	
Business Rules:	
Developer Notes:	Do not upd col with param value. Sproc code handles as special case.
Reference Table/Column:	tbl_MediaPort.SkinnyDevicePrivateKey
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (8000 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.SkinnyDevicePrivateKey." If "tbl_MediaPort.SkinnyDevicePrivateKey" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	False

@SkinnySecurityModeEnum

Property Name	Value
Description:	The security mode used for Skinny protocol sessions.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaPort.SkinnySecurityModeEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SkinnySecurityMode
Null Handling:	Inherit - inherit parameter value from "tbl_MediaPort.SkinnySecurityModeEnum." If "tbl_MediaPort.SkinnySecurityModeEnum" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.157. csp_MediaRemoteServiceCreate

Creates a new MediaRemoteService object by inserting a new row into tbl_MediaRemoteService.

Additional Information

The parameter @HostOrIPAddress must be provided.

One and only one of MediaPortGroupObjectId and MediaSwitchObjectId must be non-NULL. The other must be NULL. MediaRemoteServiceEnum is the discriminator that determines which of the two columns must be non-NULL:

- MediaRemoteServiceEnum == CCMAXL: MediaSwitchObjectId NOT NULL, MediaPortGroupObjectID NULL.
- MediaRemoteServiceEnum <> CCMAXL: MediaSwitchObjectId NULL, MediaPortGroupObjectID NOT NULL.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@HostOrIPAddress	In	inherit	lvarchar (256 characters)	The DNS name or IP address of the computer hosting the remote service.
Required	@MediaRemoteServiceEnum	In	inherit	smallint (2 bytes)	The type of IP service.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The name of the service. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@MediaPortGroupObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaPortGroup object to which this row corresponds.
Optional	@MediaServerName	In	inherit	nvarchar (128 characters)	The preferred name of the media server, if applicable.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object to which this row corresponds.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.
Optional	@Port	In	inherit	int (4 bytes)	The IP port at which the service is found.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Precedence	In	inherit	int (4 bytes)	A ranking of priority for rows in this table with identical [MediaSwitchObject, MediaPortGroupObjectId, MediaRemoteServiceEnum] in which connection is attempted to them, that is, as primary, secondary, etc.
Optional	@SkinnyStateMachineEnum	In	inherit	smallint (2 bytes)	A flag indicating whether this MediaPortGroup is integrated with Cisco Unified Communications Manager or Cisco CallManager Express. This is used to switch on a special state engine in the Skinny TSP for Cisco CallManager Express.
Optional	@TlsPort	In	inherit	int (4 bytes)	The IP port at which the service is found. Cisco Unity Connection must negotiate a TLS session when using this port.

Exceptions

csp_MediaRemoteServiceCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @HostOrIPAddress is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The name of the service. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.DisplayName." If "tbl_MediaRemoteService.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@HostOrIPAddress

Property Name	Value
Description:	The DNS name or IP address of the computer hosting the remote service .
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.HostOrIPAddress
Required/Optional Parameter:	Required
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.HostOrIPAddress." If "tbl_MediaRemoteService.HostOrIPAddress" can be NULL, then explicit NULL is allowed.
Default Value:	127.0.0.1
Direction:	In
Update Column Value From Parameter:	True

@MediaPortGroupObjectId

Property Name	Value
Description:	The unique identifier of the MediaPortGroup object to which this row corresponds.
Notes:	
Business Rules:	<ul style="list-style-type: none"> - MediaRemoteServiceEnum == CCMAXL: MediaSwitchObjectId NOT NULL, MediaPortGroupObjectId NULL. - MediaRemoteServiceEnum <> CCMAXL: MediaSwitchObjectId NULL, MediaPortGroupObjectId NOT NULL.
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.MediaPortGroupObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.MediaPortGroupObjectId." If "tbl_MediaRemoteService.MediaPortGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MediaRemoteServiceEnum

Property Name	Value
Description:	The type of IP service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.MediaRemoteServiceEnum
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MediaRemoteService
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.MediaRemoteServiceEnum." If "tbl_MediaRemoteService.MediaRemoteServiceEnum" can be NULL, then explicit NULL is allowed.
Default Value:	100
Direction:	In
Update Column Value From Parameter:	True

@MediaServerName

Property Name	Value
Description:	The preferred name of the media server, if applicable.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.MediaServerName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.MediaServerName." If "tbl_MediaRemoteService.MediaServerName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to which this row corresponds.
Notes:	
Business Rules:	<ul style="list-style-type: none"> - MediaRemoteServiceEnum == CCMAXL: MediaSwitchObjectId NOT NULL, MediaPortGroupObjectID NULL. - MediaRemoteServiceEnum <> CCMAXL: MediaSwitchObjectId NULL, MediaPortGroupObjectID NOT NULL.
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.MediaSwitchObjectId." If "tbl_MediaRemoteService.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.ObjectId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.ObjectId." If "tbl_MediaRemoteService.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Port

Property Name	Value
Description:	The IP port at which the service is found.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.Port
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.Port." If "tbl_MediaRemoteService.Port" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Precedence

Property Name	Value
Description:	A ranking of priority for rows in this table with identical [MediaSwitchObject, MediaPortGroupObjectId, MediaRemoteServiceEnum] in which connection is attempted to them, that is, as primary, secondary, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.Precedence
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.Precedence." If "tbl_MediaRemoteService.Precedence" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SkinnyStateMachineEnum

Property Name	Value
Description:	A flag indicating whether this MediaPortGroup is integrated with Cisco Unified Communications Manager or Cisco CallManager Express. This is used to switch on a special state engine in the Skinny TSP for Cisco CallManager Express.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.SkinnyStateMachineEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SkinnyStateMachine
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.SkinnyStateMachineEnum." If "tbl_MediaRemoteService.SkinnyStateMachineEnum" can be NULL, then explicit NULL is allowed.
Default Value:	10
Direction:	In
Update Column Value From Parameter:	True

@TlsPort

Property Name	Value
Description:	The IP port at which the service is found. Cisco Unity Connection must negotiate a TLS session when using this port.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.TlsPort
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.TlsPort." If "tbl_MediaRemoteService.TlsPort" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.158. csp_MediaRemoteServiceDelete

Deletes a MediaRemoteService object from tbl_MediaRemoteService as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MediaRemoteServiceDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MediaRemoteService object was not found. The names of the object (Media remote service), table (tbl_MediaRemoteService), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MediaRemoteService), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.ObjectId." If "tbl_MediaRemoteService.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.159. csp_MediaRemoteServiceModify

Updates the attributes of a MediaRemoteService object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaRemoteService object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The name of the service. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@HostOrIPAddress	In	inherit	lvarchar (256 characters)	The DNS name or IP address of the computer hosting the remote service .
Optional	@MediaServerName	In	inherit	nvarchar (128 characters)	The preferred name of the media server, if applicable.
Optional	@Port	In	inherit	int (4 bytes)	The IP port at which the service is found.
Optional	@Precedence	In	inherit	int (4 bytes)	A ranking of priority for rows in this table with identical [MediaSwitchObject, MediaPortGroupObjectId, MediaRemoteServiceEnum] in which connection is attempted to them, that is, as primary, secondary, etc.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SkinnyStateMachineEnum	In	inherit	smallint (2 bytes)	A flag indicating whether this MediaPortGroup is integrated with Cisco Unified Communications Manager or Cisco CallManager Express. This is used to switch on a special state engine in the Skinny TSP for Cisco CallManager Express.
Optional	@TlsPort	In	inherit	int (4 bytes)	The IP port at which the service is found. Cisco Unity Connection must negotiate a TLS session when using this port.

Exceptions

csp_MediaRemoteServiceModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaRemoteService object was not found. The names of the object (Media remote service), table (tbl_MediaRemoteService), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The name of the service. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.DisplayName." If "tbl_MediaRemoteService.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@HostOrIPAddress

Property Name	Value
Description:	The DNS name or IP address of the computer hosting the remote service .
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.HostOrIPAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvARCHAR (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.HostOrIPAddress." If "tbl_MediaRemoteService.HostOrIPAddress" can be NULL, then explicit NULL is allowed.
Default Value:	127.0.0.1
Direction:	In
Update Column Value From Parameter:	True

@MediaServerName

Property Name	Value
Description:	The preferred name of the media server, if applicable.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.MediaServerName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.MediaServerName." If "tbl_MediaRemoteService.MediaServerName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaRemoteService object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.ObjectId." If "tbl_MediaRemoteService.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Port

Property Name	Value
Description:	The IP port at which the service is found.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.Port
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.Port." If "tbl_MediaRemoteService.Port" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Precedence

Property Name	Value
Description:	A ranking of priority for rows in this table with identical [MediaSwitchObject, MediaPortGroupObjectId, MediaRemoteServiceEnum] in which connection is attempted to them, that is, as primary, secondary, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.Precedence
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.Precedence." If "tbl_MediaRemoteService.Precedence" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SkinnyStateMachineEnum

Property Name	Value
Description:	A flag indicating whether this MediaPortGroup is integrated with Cisco Unified Communications Manager or Cisco CallManager Express. This is used to switch on a special state engine in the Skinny TSP for Cisco CallManager Express.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.SkinnyStateMachineEnum
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SkinnyStateMachine
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.SkinnyStateMachineEnum." If "tbl_MediaRemoteService.SkinnyStateMachineEnum" can be NULL, then explicit NULL is allowed.
Default Value:	10
Direction:	In
Update Column Value From Parameter:	True

@TlsPort

Property Name	Value
Description:	The IP port at which the service is found. Cisco Unity Connection must negotiate a TLS session when using this port.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaRemoteService.TlsPort
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaRemoteService.TlsPort." If "tbl_MediaRemoteService.TlsPort" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.160. csp_MediaSwitch_SuggestDisplayName

Autogenerates the default display name for a MediaSwitch.

Additional Information

The parameter @MediaSwitchModelObjectId must be provided.

This procedure is used by the Phone System Integration Create Wizard to create a useful default name for the phone system. The user has the ability to change the name if they desire through the wizard. This procedure is not called directly by a client, but rather is called by csp_MediaSwitchCreate if NULL is passed for the MediaSwitch.DisplayName.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MediaSwitchModelObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.
Optional	@DisplayName	Out	inherit	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Exceptions

csp_MediaSwitch_SuggestDisplayName will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @MediaSwitchModelObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaSwitch object was not found. The names of the parameter (@MediaSwitchObjectId), table (tbl_MediaSwitch), and column (ObjectId) are included with the exception message.

Parameter Properties

@DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.DisplayName." If "tbl_MediaSwitch.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@MediaSwitchModelObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.ObjectId." If "tbl_MediaSwitchModel.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.161. csp_MediaSwitchCreate

Creates a new MediaSwitch object by inserting a new row into tbl_MediaSwitch.

Additional Information

The parameter @MediaSwitchModelObjectId must be provided.

If @DisplayName is NULL, a name will be automatically generated by calling csp_MediaSwitch_SuggestDisplayName. See csp_MediaSwitch_SuggestDisplayName.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@MediaSwitchModelObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitchModel object for this telephone switch/network.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallLoopDTMF	In	inherit	nvarchar (16 characters)	The name of the 4th Column DTMF tone used for Reject Forward Notification and Supervised Call Loop Detection.
Optional	@CallLoopForwardNotificationDetect	In	inherit	smallint (2 bytes)	A flag indicating whether Reject Forwarded Notification is enabled.
Optional	@CallLoopGuardTimeMs	In	inherit	int (4 bytes)	The amount of time (in milliseconds) i.e. "guard time" used for Rejecting Forwarded Notifications and Supervised Transfer Call Loop Detection.
Optional	@CallLoopSupervisedTransferDetect	In	inherit	smallint (2 bytes)	A flag indicating whether Supervised Transfer Call Loop Detection is enabled.
Optional	@CcmAXLPassword	In	inherit	varchar (254 characters)	The password (encrypted) for the CcmAXLUser used to connect to a AXL Web service on a Cisco Call Manager cluster.
Optional	@CcmAXLUser	In	inherit	nvarchar (128 characters)	The user name used to connect to AXL Web service on a Cisco Call Manager cluster.
Optional	@CcmCtiPassword	In	inherit	varchar (254 characters)	The password (encrypted) for the CcmCtiUser.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@CcmCtiUser	In	inherit	nvarchar (128 characters)	The user name for a Call Manager user that is assigned CTI access to one or more CCM devices.
Optional	@CcmVersion	In	inherit	nvarchar (16 characters)	The product version of the Cisco Unified Communications Manager switch.
Optional	@DefaultTRaPSwitch	In	inherit	smallint (2 bytes)	Use this as default TRaP switch for administrators?
Optional	@DisplayName	In	ignore	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@EnablePhoneApplications	In	inherit	smallint (2 bytes)	A flag indicating whether IP phone applications are enabled for this switch (e.g., integration).
Optional	@MwiAlwaysUpdate	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will always send a "set MWI" message to the switch whenever the mailbox contents change, even if the Cisco Unity Connection database record indicates the MWI is already in the correct state.
Optional	@MwiForceOff	In	inherit	smallint (2 bytes)	A flag that indicates whether all User MWI devices falling on this phone system should be unconditionally off.
Optional	@MwiPortMemory	In	inherit	smallint (2 bytes)	A flag indicating whether the switch requires that Cisco Unity Connection send MWI "off" requests to the same PBX port as the MWI "on" requests.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.

Exceptions

csp_MediaSwitchCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @MediaSwitchModelObjectId is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallLoopDTMF

Property Name	Value
Description:	The name of the 4th Column DTMF tone used for Reject Forward Notification and Supervised Call Loop Detection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CallLoopDTMF
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (16 characters)
Custom Type:	DtmfColumn
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CallLoopDTMF." If "tbl_MediaSwitch.CallLoopDTMF" can be NULL, then explicit NULL is allowed.
Default Value:	A
Direction:	In
Update Column Value From Parameter:	True

@CallLoopForwardNotificationDetect

Property Name	Value
Description:	A flag indicating whether Reject Forwarded Notification is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CallLoopForwardNotificationDetect
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CallLoopForwardNotificationDetect." If "tbl_MediaSwitch.CallLoopForwardNotificationDetect" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CallLoopGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) i.e. "guard time" used for Rejecting Forwarded Notifications and Supervised Transfer Call Loop Detection.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CallLoopGuardTimeMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CallLoopGuardTimeMs." If "tbl_MediaSwitch.CallLoopGuardTimeMs" can be NULL, then explicit NULL is allowed.
Default Value:	2500
Direction:	In
Update Column Value From Parameter:	True

@CallLoopSupervisedTransferDetect

Property Name	Value
Description:	A flag indicating whether Supervised Transfer Call Loop Detection is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CallLoopSupervisedTransferDetect
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CallLoopSupervisedTransferDetect." If "tbl_MediaSwitch.CallLoopSupervisedTransferDetect" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CcmAXLPassword

Property Name	Value
Description:	The password (encrypted) for the CcmAXLUser used to connect to a AXL Web service on a Cisco Call Manager cluster.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CcmAXLPassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CcmAXLPassword." If "tbl_MediaSwitch.CcmAXLPassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmAXLUser

Property Name	Value
Description:	The user name used to connect to AXL Web service on a Cisco Call Manager cluster.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CcmAXLUser
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CcmAXLUser." If "tbl_MediaSwitch.CcmAXLUser" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmCtiPassword

Property Name	Value
Description:	The password (encrypted) for the CcmCtiUser.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_MediaSwitch.CcmCtiPassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CcmCtiPassword." If "tbl_MediaSwitch.CcmCtiPassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmCtiUser

Property Name	Value
Description:	The user name for a Call Manager user that is assigned CTI access to one or more CCM devices.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CcmCtiUser
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CcmCtiUser." If "tbl_MediaSwitch.CcmCtiUser" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmVersion

Property Name	Value
Description:	The product version of the Cisco Unified Communications Manager switch.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CcmVersion
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (16 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CcmVersion." If "tbl_MediaSwitch.CcmVersion" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultTRaPSwitch

Property Name	Value
Description:	Use this as default TRaP switch for administrators?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.DefaultTRaPSwitch
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.DefaultTRaPSwitch." If "tbl_MediaSwitch.DefaultTRaPSwitch" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	If NULL, autogenerate a "suggested" display name for the phone system.
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EnablePhoneApplications

Property Name	Value
Description:	A flag indicating whether IP phone applications are enabled for this switch (e.g., integration).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.EnablePhoneApplications
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.EnablePhoneApplications." If "tbl_MediaSwitch.EnablePhoneApplications" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchModelObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchModel object for this telephone switch/network.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.MediaSwitchModelObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.MediaSwitchModelObjectId." If "tbl_MediaSwitch.MediaSwitchModelObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MwiAlwaysUpdate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will always send a "set MWI" message to the switch whenever the mailbox contents change, even if the Cisco Unity Connection database record indicates the MWI is already in the correct state.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.MwiAlwaysUpdate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.MwiAlwaysUpdate." If "tbl_MediaSwitch.MwiAlwaysUpdate" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MwiForceOff

Property Name	Value
Description:	A flag that indicates whether all User MWI devices falling on this phone system should be unconditionally off.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.MwiForceOff
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.MwiForceOff." If "tbl_MediaSwitch.MwiForceOff" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@MwiPortMemory

Property Name	Value
Description:	A flag indicating whether the switch requires that Cisco Unity Connection send MWI "off" requests to the same PBX port as the MWI "on" requests.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.MwiPortMemory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.MwiPortMemory." If "tbl_MediaSwitch.MwiPortMemory" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.ObjectId." If "tbl_MediaSwitch.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

6.162. csp_MediaSwitchDelete

Deletes a MediaSwitch object from tbl_MediaSwitch as specified by the @ObjectId parameter.

Additional Information

Before deleting the media switch, several checks are made for references to this switch by other objects that would cause delete to fail. If references are found, an error message is generated specifying exactly which object is referenced. The SA looks for these specific errors to offer the administrator to run the Delete Phone System wizard.

MediaPortGroup and MediaSwitchTrunk objects associated with this switch are also deleted. All MediaPort objects owned by the deleted MediaPortGroups will be automatically deleted by SQL via the FK Cascade Delete constraint.

References to notification MWI objects are removed prior to deleting the MediaSwitch.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MediaSwitchDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MediaSwitch object was not found. The names of the object (Media switch), table (tbl_MediaSwitch), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MediaSwitch), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.
1038	EXCEPTION_SWITCH_REF_SUBSCRIBER	Switch could not be deleted because it is referenced by a user.
1039	EXCEPTION_SWITCH_REF_SUBSCRIBER_TEMPLATE	Switch could not be deleted because it is referenced by a user template.
1040	EXCEPTION_SWITCH_REF_NOTIFICATION_PAGER	Switch could not be deleted because it is referenced by a pager notification device on a user or user template.
1041	EXCEPTION_SWITCH_REF_NOTIFICATION_PHONE	Switch could not be deleted because it is referenced by a phone notification device on a user or user template.
1042	EXCEPTION_SWITCH_REF_SUBSCRIBER_TRANSFER_OPTION	Switch could not be deleted because the transfer settings of a user or user template refer to it.
1043	EXCEPTION_SWITCH_REF_CALLHANDLER	Switch could not be deleted because the transfer settings of a call handler or call handler template refer to it.
1046	EXCEPTION_SWITCH_REF_NOTIFICATION_MWI	Switch could not be deleted because it is referenced by a notification mwi on a user or user template.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.ObjectId." If "tbl_MediaSwitch.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.163. csp_MediaSwitchManufacturerCreate

Creates a new MediaSwitchManufacturer object by inserting a new row into tbl_MediaSwitchManufacturer.

Additional Information

The parameter @DisplayName must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the switch manufacturer to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.

Exceptions

csp_MediaSwitchManufacturerCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the switch manufacturer to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchManufacturer.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchManufacturer.DisplayName." If "tbl_MediaSwitchManufacturer.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchManufacturer.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchManufacturer.ObjectId." If "tbl_MediaSwitchManufacturer.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

6.164. csp_MediaSwitchManufacturerDelete

Deletes a MediaSwitchManufacturer object from tbl_MediaSwitchManufacturer as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MediaSwitchManufacturerDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MediaSwitchManufacturer object was not found. The names of the object (Media switch manufacturer), table (tbl_MediaSwitchManufacturer), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MediaSwitchManufacturer), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchManufacturer.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchManufacturer.ObjectId." If "tbl_MediaSwitchManufacturer.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.165. csp_MediaSwitchManufacturerModify

Updates the attributes of a MediaSwitchManufacturer object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitchManufacturer object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the switch manufacturer to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Exceptions

csp_MediaSwitchManufacturerModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaSwitchManufacturer object was not found. The names of the object (Media switch manufacturer), table (tbl_MediaSwitchManufacturer), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the switch manufacturer to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchManufacturer.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchManufacturer.DisplayName." If "tbl_MediaSwitchManufacturer.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchManufacturer.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchManufacturer.ObjectId." If "tbl_MediaSwitchManufacturer.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.166. csp_MediaSwitchManufacturerSet

Creates a new MediaSwitchManufacturer object or updates the attributes of an existing MediaSwitchManufacturer object in tbl_MediaSwitchManufacturer.

Additional Information

The value of @ObjectId determines whether this procedure executes csp_MediaSwitchManufacturerCreate to create a new object or csp_MediaSwitchManufacturerModify to update an existing object. If @ObjectId is NULL, a new MediaSwitchManufacturer is created. Otherwise this procedure updates the attributes of an existing MediaSwitchManufacturer object specified by @ObjectId.

Business Rules

If @ObjectId is NULL, a new MediaSwitchManufacturer is created. Otherwise the attributes of an existing MediaSwitchManufacturer object specified by @ObjectId are updated.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the switch manufacturer to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.

Exceptions

csp_MediaSwitchManufacturerSet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	There are two conditions that can cause EXCEPTION_PARAMETER_NULL_REQUIRED to be thrown: 1. From csp_MediaSwitchManufacturerCreate: The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message. 2. From csp_MediaSwitchManufacturerModify: The value of the required parameter @ObjectId NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	From csp_MediaSwitchManufacturerModify: The specified MediaSwitchManufacturer object was not found. The names of the object (Media switch manufacturer), table (tbl_MediaSwitchManufacturer), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	The preferred text name of the switch manufacturer to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchManufacturer.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchManufacturer.DisplayName." If "tbl_MediaSwitchManufacturer.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchManufacturer object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchManufacturer.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchManufacturer.ObjectId." If "tbl_MediaSwitchManufacturer.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

6.167. csp_MediaSwitchMigrate

Migrates subscribers from one media switch to another. This procedure updates the `MediaSwitchObjectId` column in the following tables by replacing the value of the `MediaSwitchObjectId` that matches the `@FromMediaSwitchObjectId` to the value of `@ToMediaSwitchObjectId`:

- * `tbl_TransferOption`
- * `tbl_UserSubscriber`
- * `tbl_NotificationMwi`
- * `tbl_NotificationDevicePager`
- * `tbl_NotificationDeviceConversation`

Additional Information

The parameters `@FromMediaSwitchObjectId` and `@ToMediaSwitchObjectId` must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@FromMediaSwitchObjectId	In	ignore	char (36 characters)	Switch to migrate subscribers from.
Required	@ToMediaSwitchObjectId	In	ignore	char (36 characters)	Switch to migrate subscribers from.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

`csp_MediaSwitchMigrate` will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	<code>EXCEPTION_PARAMETER_NULL_REQUIRED</code>	The value of one of the required parameters (<code>@FromMediaSwitchObjectId</code> and <code>@ToMediaSwitchObjectId</code>) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@FromMediaSwitchObjectId

Property Name	Value
Description:	Switch to migrate subscribers from.
Notes:	An ObjectId is generated using newid().

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ToMediaSwitchObjectid

Property Name	Value
Description:	Switch to migrate subscribers from.
Notes:	An Objectid is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.168. csp_MediaSwitchModelCreate

Creates a new MediaSwitchModel object by inserting a new row into tbl_MediaSwitchModel.

Additional Information

The parameter @DisplayName must be provided.

If @MediaSwitchManufacturerObjectId is NULL, this model applies to ALL switch manufacturers.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DefaultMediaSwitchDisplayName	In	inherit	nvarchar (40 characters)	The default value for the display name of a media switch (tbl_MediaSwitch.DisplayName) when a MediaSwitch object of this model is created.
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the switch model to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. Examples: "Unified Communications Manager," "MD110."
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@MediaSwitchManufacturerObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitchManufacturer who manufactures this switch model.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.

Exceptions

csp_MediaSwitchModelCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@DefaultMediaSwitchDisplayName

Property Name	Value
Description:	The default value for the display name of a media switch (tbl_MediaSwitch.DisplayName) when a MediaSwitch object of this model is created.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.DefaultMediaSwitchDisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.DefaultMediaSwitchDisplayName." If "tbl_MediaSwitchModel.DefaultMediaSwitchDisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of the switch model to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. Examples: "Unified Communications Manager," "MD110."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.DisplayName." If "tbl_MediaSwitchModel.DisplayName" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchManufacturerObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchManufacturer who manufactures this switch model.
Notes:	
Business Rules:	If NULL, this model applies to any switch manufacturer.
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId." If "tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.ObjectId." If "tbl_MediaSwitchModel.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	Out
Update Column Value From Parameter:	True

6.169. csp_MediaSwitchModelDelete

Deletes a MediaSwitchModel object from tbl_MediaSwitchModel as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MediaSwitchModelDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MediaSwitchModel object was not found. The names of the object (Media switch model), table (tbl_MediaSwitchModel), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MediaSwitchModel), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.ObjectId." If "tbl_MediaSwitchModel.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.170. csp_MediaSwitchModelModify

Updates the attributes of a MediaSwitchModel object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitchModel object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DefaultMediaSwitchDisplayName	In	inherit	nvarchar (40 characters)	The default value for the display name of a media switch (tbl_MediaSwitch.DisplayName) when a MediaSwitch object of this model is created.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the switch model to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. Examples: "Unified Communications Manager," "MD110."
Optional	@MediaSwitchManufacturerObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitchManufacturer who manufactures this switch model.

Exceptions

csp_MediaSwitchModelModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaSwitchModel object was not found. The names of the object (Media switch model), table (tbl_MediaSwitchModel), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultMediaSwitchDisplayName

Property Name	Value
Description:	The default value for the display name of a media switch (tbl_MediaSwitch.DisplayName) when a MediaSwitch object of this model is created.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.DefaultMediaSwitchDisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.DefaultMediaSwitchDisplayName." If "tbl_MediaSwitchModel.DefaultMediaSwitchDisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of the switch model to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. Examples: "Unified Communications Manager," " MD110."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.DisplayName." If "tbl_MediaSwitchModel.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchManufacturerObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchManufacturer who manufactures this switch model.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId." If "tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectID

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.ObjectID
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.ObjectId." If "tbl_MediaSwitchModel.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.171. csp_MediaSwitchModelSet

Creates a new MediaSwitchModel object or updates the attributes of an existing MediaSwitchModel object in tbl_MediaSwitchModel.

Additional Information

The value of @ObjectId determines whether this procedure executes csp_MediaSwitchModelCreate to create a new object or csp_MediaSwitchModelModify to update an existing object. If @ObjectId is NULL, a new MediaSwitchModel is created. Otherwise this procedure updates the attributes of an existing MediaSwitchModel object specified by @ObjectId.

If @MediaSwitchManufacturerObjectId is NULL, this model applies to ALL switch manufacturers.

Business Rules

If @ObjectId is NULL, a new MediaSwitchModel is created. Otherwise the attributes of an existing MediaSwitchModel object specified by @ObjectId are updated.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DefaultMediaSwitchDisplayName	In	inherit	nvarchar (40 characters)	The default value for the display name of a media switch (tbl_MediaSwitch.DisplayName) when a MediaSwitch object of this model is created.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of the switch model to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. Examples: "Unified Communications Manager," "MD110."
Optional	@MediaSwitchManufacturerObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitchManufacturer who manufactures this switch model.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.

Exceptions

csp_MediaSwitchModelSet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	There are two conditions that can cause EXCEPTION_PARAMETER_NULL_REQUIRED to be thrown: 1. From csp_MediaSwitchModelCreate: The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message. 2. From csp_MediaSwitchModelModify: The value of the required parameter @ObjectId NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	From csp_MediaSwitchModelModify: The specified MediaSwitchModel object was not found. The names of the object (Media switch model), table (tbl_MediaSwitchModel), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultMediaSwitchDisplayName

Property Name	Value
Description:	The default value for the display name of a media switch (tbl_MediaSwitch.DisplayName) when a MediaSwitch object of this model is created.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.DefaultMediaSwitchDisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.DefaultMediaSwitchDisplayName." If "tbl_MediaSwitchModel.DefaultMediaSwitchDisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name of the switch model to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. Examples: "Unified Communications Manager," " MD110."
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.DisplayName." If "tbl_MediaSwitchModel.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchManufacturerObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitchManufacturer who manufactures this switch model.
Notes:	
Business Rules:	If NULL, this model applies to any switch manufacturer.
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId." If "tbl_MediaSwitchModel.MediaSwitchManufacturerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique identifier for a MediaSwitchModel object.
Notes:	

Property Name	Value
Business Rules:	If @ObjectId is NULL, a new MediaSwitchModel is created. Otherwise the attributes of an existing MediaSwitchModel object specified by @ObjectId are updated.
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchModel.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchModel.ObjectId." If "tbl_MediaSwitchModel.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.172. csp_MediaSwitchModify

Updates the attributes of a MediaSwitch object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitch object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallLoopDTMF	In	inherit	nvarchar (16 characters)	The name of the 4th Column DTMF tone used for Reject Forward Notification and Supervised Call Loop Detection.
Optional	@CallLoopForwardNotificationDetect	In	inherit	smallint (2 bytes)	A flag indicating whether Reject Forwarded Notification is enabled.
Optional	@CallLoopGuardTimeMs	In	inherit	int (4 bytes)	The amount of time (in milliseconds) i.e. "guard time" used for Rejecting Forwarded Notifications and Supervised Transfer Call Loop Detection.
Optional	@CallLoopSupervisedTransferDetect	In	inherit	smallint (2 bytes)	A flag indicating whether Supervised Transfer Call Loop Detection is enabled.
Optional	@CcmAXLPassword	In	inherit	varchar (254 characters)	The password (encrypted) for the CcmAXLUser used to connect to a AXL Web service on a Cisco Call Manager cluster.
Optional	@CcmAXLUser	In	inherit	nvarchar (128 characters)	The user name used to connect to AXL Web service on a Cisco Call Manager cluster.
Optional	@CcmCtiPassword	In	inherit	varchar (254 characters)	The password (encrypted) for the CcmCtiUser.
Optional	@CcmCtiUser	In	inherit	nvarchar (128 characters)	The user name for a Call Manager user that is assigned CTI access to one or more CCM devices.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@CcmVersion	In	inherit	nvarchar (16 characters)	The product version of the Cisco Unified Communications Manager switch.
Optional	@DefaultTRaPSwitch	In	inherit	smallint (2 bytes)	Use this as default TRaP switch for administrators?
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@EnablePhoneApplications	In	inherit	smallint (2 bytes)	A flag indicating whether IP phone applications are enabled for this switch (e.g., integration).
Optional	@MwiAlwaysUpdate	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will always send a "set MWI" message to the switch whenever the mailbox contents change, even if the Cisco Unity Connection database record indicates the MWI is already in the correct state.
Optional	@MwiForceOff	In	inherit	smallint (2 bytes)	A flag that indicates whether all User MWI devices falling on this phone system should be unconditionally off.
Optional	@MwiPortMemory	In	inherit	smallint (2 bytes)	A flag indicating whether the switch requires that Cisco Unity Connection send MWI "off" requests to the same PBX port as the MWI "on" requests.

Exceptions

csp_MediaSwitchModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaSwitch object was not found. The names of the object (Media switch), table (tbl_MediaSwitch), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallLoopDTMF

Property Name	Value
Description:	The name of the 4th Column DTMF tone used for Reject Forward Notification and Supervised Call Loop Detection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CallLoopDTMF
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (16 characters)
Custom Type:	DtmfColumn
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CallLoopDTMF." If "tbl_MediaSwitch.CallLoopDTMF" can be NULL, then explicit NULL is allowed.
Default Value:	A
Direction:	In
Update Column Value From Parameter:	True

@CallLoopForwardNotificationDetect

Property Name	Value
Description:	A flag indicating whether Reject Forwarded Notification is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CallLoopForwardNotificationDetect
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CallLoopForwardNotificationDetect." If "tbl_MediaSwitch.CallLoopForwardNotificationDetect" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CallLoopGuardTimeMs

Property Name	Value
Description:	The amount of time (in milliseconds) i.e. "guard time" used for Rejecting Forwarded Notifications and Supervised Transfer Call Loop Detection.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CallLoopGuardTimeMs
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CallLoopGuardTimeMs." If "tbl_MediaSwitch.CallLoopGuardTimeMs" can be NULL, then explicit NULL is allowed.
Default Value:	2500
Direction:	In
Update Column Value From Parameter:	True

@CallLoopSupervisedTransferDetect

Property Name	Value
Description:	A flag indicating whether Supervised Transfer Call Loop Detection is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CallLoopSupervisedTransferDetect
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CallLoopSupervisedTransferDetect." If "tbl_MediaSwitch.CallLoopSupervisedTransferDetect" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CcmAXLPassword

Property Name	Value
Description:	The password (encrypted) for the CcmAXLUser used to connect to a AXL Web service on a Cisco Call Manager cluster.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CcmAXLPassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CcmAXLPassword." If "tbl_MediaSwitch.CcmAXLPassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmAXLUser

Property Name	Value
Description:	The user name used to connect to AXL Web service on a Cisco Call Manager cluster.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CcmAXLUser
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CcmAXLUser." If "tbl_MediaSwitch.CcmAXLUser" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmCtiPassword

Property Name	Value
Description:	The password (encrypted) for the CcmCtiUser.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_MediaSwitch.CcmCtiPassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CcmCtiPassword." If "tbl_MediaSwitch.CcmCtiPassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmCtiUser

Property Name	Value
Description:	The user name for a Call Manager user that is assigned CTI access to one or more CCM devices.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CcmCtiUser
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CcmCtiUser." If "tbl_MediaSwitch.CcmCtiUser" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmVersion

Property Name	Value
Description:	The product version of the Cisco Unified Communications Manager switch.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.CcmVersion
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (16 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.CcmVersion." If "tbl_MediaSwitch.CcmVersion" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultTRaPSwitch

Property Name	Value
Description:	Use this as default TRaP switch for administrators?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.DefaultTRaPSwitch
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.DefaultTRaPSwitch." If "tbl_MediaSwitch.DefaultTRaPSwitch" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name (e.g., "Unified Communications Manager Cluster - Seattle") of the media switch to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.DisplayName." If "tbl_MediaSwitch.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EnablePhoneApplications

Property Name	Value
Description:	A flag indicating whether IP phone applications are enabled for this switch (e.g., integration).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.EnablePhoneApplications
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.EnablePhoneApplications." If "tbl_MediaSwitch.EnablePhoneApplications" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MwiAlwaysUpdate

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will always send a "set MWI" message to the switch whenever the mailbox contents change, even if the Cisco Unity Connection database record indicates the MWI is already in the correct state.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.MwiAlwaysUpdate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.MwiAlwaysUpdate." If "tbl_MediaSwitch.MwiAlwaysUpdate" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MwiForceOff

Property Name	Value
Description:	A flag that indicates whether all User MWI devices falling on this phone system should be unconditionally off.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.MwiForceOff
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.MwiForceOff." If "tbl_MediaSwitch.MwiForceOff" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@MwiPortMemory

Property Name	Value
Description:	A flag indicating whether the switch requires that Cisco Unity Connection send MWI "off" requests to the same PBX port as the MWI "on" requests.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.MwiPortMemory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.MwiPortMemory." If "tbl_MediaSwitch.MwiPortMemory" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaSwitch object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitch.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitch.ObjectId." If "tbl_MediaSwitch.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.173. csp_MediaSwitchTrunkCreate

Creates a new MediaSwitchTrunk object by inserting a new row into tbl_MediaSwitchTrunk.

Additional Information

The parameters @FromMediaSwitchObjectId and @ToMediaSwitchObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@FromMediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object on which the call originates.
Required	@ToMediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object to which the call is directed.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaTrunk object.
Optional	@TrunkAccessCode	In	inherit	nvarchar (10 characters)	The DTMF digit sequence Cisco Unity Connection uses to transfer a call from one switching system to another (FromMediaSwitchObjectId to ToMediaSwitchObjectId).

Exceptions

csp_MediaSwitchTrunkCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@FromMediaSwitchObjectId and @ToMediaSwitchObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FromMediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object on which the call originates.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchTrunk.FromMediaSwitchObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchTrunk.FromMediaSwitchObjectId." If "tbl_MediaSwitchTrunk.FromMediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaTrunk object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchTrunk.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchTrunk.ObjectId." If "tbl_MediaSwitchTrunk.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@ToMediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to which the call is directed.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchTrunk.ToMediaSwitchObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchTrunk.ToMediaSwitchObjectId." If "tbl_MediaSwitchTrunk.ToMediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TrunkAccessCode

Property Name	Value
Description:	The DTMF digit sequence Cisco Unity Connection uses to transfer a call from one switching system to another (FromMediaSwitchObjectId to ToMediaSwitchObjectId).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchTrunk.TrunkAccessCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (10 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchTrunk.TrunkAccessCode." If "tbl_MediaSwitchTrunk.TrunkAccessCode" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.174. csp_MediaSwitchTrunkDelete

Deletes a MediaSwitchTrunk object from tbl_MediaSwitchTrunk as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaTrunk object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MediaSwitchTrunkDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MediaSwitchTrunk object was not found. The names of the object (Media switch trunk), table (tbl_MediaSwitchTrunk), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MediaSwitchTrunk), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaTrunk object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchTrunk.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchTrunk.ObjectId." If "tbl_MediaSwitchTrunk.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.175. csp_MediaSwitchTrunkModify

Updates the Trunk Access Code attribute of a MediaSwitchTrunk object based on the values passed in via the parameters. The @ObjectId parameter identifies the MediaSwitch object that is updated.

Additional Information

The ToSwitch and FromSwitch cannot be modified.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MediaTrunk object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@TrunkAccessCode	In	inherit	nvarchar (10 characters)	The DTMF digit sequence Cisco Unity Connection uses to transfer a call from one switching system to another (FromMediaSwitchObjectId to ToMediaSwitchObjectId).

Exceptions

csp_MediaSwitchTrunkModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MediaSwitchTrunk object was not found. The names of the object (Media switch trunk), table (tbl_MediaSwitchTrunk), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MediaTrunk object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchTrunk.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchTrunk.ObjectId." If "tbl_MediaSwitchTrunk.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TrunkAccessCode

Property Name	Value
Description:	The DTMF digit sequence Cisco Unity Connection uses to transfer a call from one switching system to another (FromMediaSwitchObjectId to ToMediaSwitchObjectId).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MediaSwitchTrunk.TrunkAccessCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (10 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MediaSwitchTrunk.TrunkAccessCode." If "tbl_MediaSwitchTrunk.TrunkAccessCode" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.176. csp_MenuEntryCreate

Creates a new user input key mappings by inserting a new row into tbl_MenuEntry.

Additional Information

The parameters @CallHandlerObjectId and @TouchtoneKey must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	ignore	char (36 characters)	The unique identifier of the CallHandler object to which this menu entry belongs.
Required	@TouchtoneKey	In	inherit	nvarchar (32 characters)	The character on the touch-tone keypad that this menu entry corresponds to (*, #, 0,1...9).
Optional	@Action	In	ignore	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Locked	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection ignores additional input after callers press this key. Values: 0: Additional input accepted 1: Additional input ignored; Cisco Unity Connection performs the action assigned to the key.
Optional	@TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.

Exceptions

csp_MenuEntryCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@CallHandlerObjectId and @TouchtoneKey) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this menu entry belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MenuEntry.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Locked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection ignores additional input after callers press this key. Values: 0: Additional input accepted 1: Additional input ignored; Cisco Unity Connection performs the action assigned to the key.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MenuEntry.Locked
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MenuEntry.Locked." If "tbl_MenuEntry.Locked" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TouchtoneKey

Property Name	Value
Description:	The character on the touch-tone keypad that this menu entry corresponds to (*, #, 0,1...9).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MenuEntry.TouchtoneKey
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MenuEntry.TouchtoneKey." If "tbl_MenuEntry.TouchtoneKey" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.177. csp_MenuEntryModify

Updates the attributes of a MenuEntry object based on the values passed in via the parameters. Essentially, only the Locked attribute is updated. If @TargetConversation is specified, the associated CallAction object is updated. If @TargetHandlerObjectId is specified, the associated CallAction object is updated. If @Action is not NULL, the associated CallAction object is updated. The combination of the @CallHandlerObjectId and @TouchtoneKey parameters identifies the MenuEntry object that is updated.

Additional Information

The setting of the CallHandler.OneKeDelay attribute is checked. If it is set to 0, then @Locked must be set to 1.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which this menu entry belongs.
Required	@TouchtoneKey	In	inherit	nvarchar (32 characters)	The character on the touch-tone keypad that this menu entry corresponds to (*, #, 0,1...9).
Optional	@Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Locked	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection ignores additional input after callers press this key. Values: 0: Additional input accepted 1: Additional input ignored; Cisco Unity Connection performs the action assigned to the key.
Optional	@TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.

Exceptions

csp_MenuEntryModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@CallHandlerObjectId and @TouchtoneKey) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are three conditions that can cause an "Object Not Found" exception to be thrown: 1. The specified MenuEntry object was not found. The names of the object (Menu entry), table (tbl_MenuEntry), and columns (CallHandlerObjectId and TouchtoneKey) are included with the exception message. 2. The Conversation object specified by @TargetConversation was not found. The names of the object (Menu entry's target conversation), table (tbl_Conversation), and column (ConversationName) are included with the exception message. 3. The Handler object specified by @TargetHandlerObjectId was not found. The names of the object (Menu entry's target handler), table (tbl_Handler), and column (ObjectId) are included with the exception message.

Parameter Properties

@Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this menu entry belongs.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_MenuEntry.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_MenuEntry.CallHandlerObjectId." If "tbl_MenuEntry.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Locked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection ignores additional input after callers press this key. Values: 0: Additional input accepted 1: Additional input ignored; Cisco Unity Connection performs the action assigned to the key.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MenuEntry.Locked
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MenuEntry.Locked." If "tbl_MenuEntry.Locked" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TouchtoneKey

Property Name	Value
Description:	The character on the touch-tone keypad that this menu entry corresponds to (*, #, 0,1...9).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MenuEntry.TouchtoneKey

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MenuEntry.TouchtoneKey." If "tbl_MenuEntry.TouchtoneKey" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.178. csp_MessageAgingPolicyCreate

Creates a new message aging policy by inserting a new row into tbl_MessageAgingPolicy.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of this MessageAgingPolicy. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Enabled	In	inherit	smallint (2 bytes)	A flag indicating whether the policy is enabled.
Optional	@IsSystem	In	inherit	smallint (2 bytes)	A flag indicating whether this policy was created during default system configuration.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingPolicy object.

Exceptions

csp_MessageAgingPolicyCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	The text name of this MessageAgingPolicy. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingPolicy.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingPolicy.DisplayName." If "tbl_MessageAgingPolicy.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Enabled

Property Name	Value
Description:	A flag indicating whether the policy is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingPolicy.Enabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingPolicy.Enabled." If "tbl_MessageAgingPolicy.Enabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@IsSystem

Property Name	Value
Description:	A flag indicating whether this policy was created during default system configuration.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingPolicy.IsSystem
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingPolicy.IsSystem." If "tbl_MessageAgingPolicy.IsSystem" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingPolicy object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingPolicy.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingPolicy.ObjectId." If "tbl_MessageAgingPolicy.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

6.179. csp_MessageAgingPolicyDelete

Deletes a MessageAgingPolicy object from tbl_MessageAgingPolicy as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingPolicy object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MessageAgingPolicyDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause the Object Not Found exception to be thrown: 1. The MessageAgingPolicy object was not found. The names of the object (Message aging policy), table (tbl_MessageAgingPolicy), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MessageAgingPolicy), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingPolicy object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingPolicy.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingPolicy.ObjectId." If "tbl_MessageAgingPolicy.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.180. csp_MessageAgingPolicyModify

Updates the attributes of a MessageAgingPolicy object based on the values passed in via the parameters. The @ObjectId parameter identifies the MessageAgingPolicy object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingPolicy object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name of this MessageAgingPolicy. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@Enabled	In	inherit	smallint (2 bytes)	A flag indicating whether the policy is enabled.
Optional	@IsSystem	In	inherit	smallint (2 bytes)	A flag indicating whether this policy was created during default system configuration.

Exceptions

csp_MessageAgingPolicyModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	<p>There are two conditions that can cause the Object Not Found exception to be thrown:</p> <ol style="list-style-type: none"> 1. The MessageAgingPolicy object was not found. The names of the object (Message aging policy), table (tbl_MessageAgingPolicy), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MessageAgingPolicy), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	The text name of this MessageAgingPolicy. Used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingPolicy.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingPolicy.DisplayName." If "tbl_MessageAgingPolicy.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Enabled

Property Name	Value
Description:	A flag indicating whether the policy is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingPolicy.Enabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingPolicy.Enabled." If "tbl_MessageAgingPolicy.Enabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@IsSystem

Property Name	Value
Description:	A flag indicating whether this policy was created during default system configuration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingPolicy.IsSystem
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingPolicy.IsSystem." If "tbl_MessageAgingPolicy.IsSystem" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingPolicy object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingPolicy.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingPolicy.ObjectId." If "tbl_MessageAgingPolicy.ObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.181. csp_MessageAgingRuleApply

Ages messages in all the UnityMbxDbN databases, where the mailbox is subscribed to the associated policy and the messages meets the rule criteria for aging.

Additional Information

The @ObjectId parameter must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The method will apply this rule to all mailboxes subscribed to the Aging Policy associated with the Rule.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@NumMsgsAged	Out	ignore	int (4 bytes)	Number of messages that were aged.
Optional	@NumMsgsFailed	Out	ignore	int (4 bytes)	Number of messages that should have been aged, but failed.
Optional	@RunTime	Out	ignore	int (4 bytes)	Returns the amount of time in milliseconds that it took to age the messages.

Exceptions

csp_MessageAgingRuleApply will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MessageAgingRule object was not found. The names of the object (Message aging rule), table (tbl_MessageAgingRule), and column (ObjectId) are included with the exception message.
1029	EXCEPTION_AGING_RULE_DISABLED	The aging rule is disabled. The name of the rule that is disabled is returned with the exception.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@NumMsgsAged

Property Name	Value
Description:	Number of messages that were aged.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@NumMsgsFailed

Property Name	Value
Description:	Number of messages that should have been aged, but failed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The method will apply this rule to all mailboxes subscribed to the Aging Policy associated with the Rule.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.ObjectId

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.ObjectId." If "tbl_MessageAgingRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@RunTime

Property Name	Value
Description:	Returns the amount of time in milliseconds that it took to age the messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.182. csp_MessageAgingRuleCreate

Creates a new message aging rule by inserting a new row into tbl_MessageAgingRule.

Additional Information

The parameters @Days and @MessageAgingPolicyObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Days	In	inherit	int (4 bytes)	Age message older than this number of days.
Required	@MessageAgingPolicyObjectId	In	inherit	char (36 characters)	The objectid of the MessageAgingPolicy to which this rule belongs.
Optional	@Action	In	inherit	int (4 bytes)	Describes the action to take when the rule is applied.
Optional	@AgingTimeType	In	inherit	int (4 bytes)	This defines what column to use (modificationtime or arrivaltime) when calculating messages to age.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Deleted	In	inherit	smallint (2 bytes)	Apply this rule to messages where UnityMbxDb.tbl_FolderItem.Deleted is equal to this value.
Optional	@Enabled	In	inherit	smallint (2 bytes)	If not true, then don't apply this rule as part of the message aging policy
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingRule object.
Optional	@Recent	In	inherit	smallint (2 bytes)	Apply this rule to messages where tbl_FolderItem.Recent is equal to this value.
Optional	@Secure	In	inherit	smallint (2 bytes)	Apply this rule to messages where tbl_Message.Secure is equal to this value.
Optional	@Seen	In	inherit	smallint (2 bytes)	Apply this rule to messages where tbl_FolderItem.Seen is equal to this value.

Exceptions

csp_MessageAgingRuleCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Days and @MessageAgingPolicyObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@Action

Property Name	Value
Description:	Describes the action to take when the rule is applied.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	AgingRuleAction
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Action." If "tbl_MessageAgingRule.Action" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AgingTimeType

Property Name	Value
Description:	This defines what column to use (modificationtime or arrivaltime) when calculating messages to age.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.AgingTimeType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Custom Type:	AgingTimeType
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.AgingTimeType." If "tbl_MessageAgingRule.AgingTimeType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Days

Property Name	Value
Description:	Age message older than this number of days.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Days
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Days." If "tbl_MessageAgingRule.Days" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Deleted

Property Name	Value
Description:	Apply this rule to messages where UnityMbxDb.tbl_FolderItem.Deleted is equal to this value.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Deleted
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Deleted." If "tbl_MessageAgingRule.Deleted" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Enabled

Property Name	Value
Description:	If not true, then don't apply this rule as part of the message aging policy
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Enabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Enabled." If "tbl_MessageAgingRule.Enabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MessageAgingPolicyObjectId

Property Name	Value
Description:	The objectid of the MessageAgingPolicy to which this rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.MessageAgingPolicyObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.MessageAgingPolicyObjectId." If "tbl_MessageAgingRule.MessageAgingPolicyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingRule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.ObjectId." If "tbl_MessageAgingRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Recent

Property Name	Value
Description:	Apply this rule to messages where tbl_FolderItem.Recent is equal to this value.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Recent
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Recent." If "tbl_MessageAgingRule.Recent" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Secure

Property Name	Value
Description:	Apply this rule to messages where tbl_Message.Secure is equal to this value.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Secure
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Secure." If "tbl_MessageAgingRule.Secure" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Seen

Property Name	Value
Description:	Apply this rule to messages where tbl_FolderItem.Seen is equal to this value.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Seen
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Seen." If "tbl_MessageAgingRule.Seen" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.183. csp_MessageAgingRuleDelete

Deletes a MessageAgingRule object from tbl_MessageAgingRule as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingRule object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_MessageAgingRuleDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause the Object Not Found exception to be thrown: 1. The MessageAgingRule object was not found. The names of the object (Message aging rule), table (tbl_MessageAgingRule), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MessageAgingRule), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingRule object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.ObjectId." If "tbl_MessageAgingRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.184. csp_MessageAgingRuleModify

Updates the attributes of a MessageAgingRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the MessageAgingRule object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingRule object.
Optional	@Action	In	inherit	int (4 bytes)	Describes the action to take when the rule is applied.
Optional	@AgingTimeType	In	inherit	int (4 bytes)	This defines what column to use (modificationtime or arrivaltime) when calculating messages to age.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Days	In	inherit	int (4 bytes)	Age message older than this number of days.
Optional	@Deleted	In	inherit	smallint (2 bytes)	Apply this rule to messages where UnityMbxDb.tbl_FolderItem.Deleted is equal to this value.
Optional	@Enabled	In	inherit	smallint (2 bytes)	If not true, then don't apply this rule as part of the message aging policy
Optional	@MessageAgingPolicy ObjectId	In	inherit	char (36 characters)	The objectid of the MessageAgingPolicy to which this rule belongs.
Optional	@Recent	In	inherit	smallint (2 bytes)	Apply this rule to messages where tbl_FolderItem.Recent is equal to this value.
Optional	@Secure	In	inherit	smallint (2 bytes)	Apply this rule to messages where tbl_Message.Secure is equal to this value.
Optional	@Seen	In	inherit	smallint (2 bytes)	Apply this rule to messages where tbl_FolderItem.Seen is equal to this value.

Exceptions

csp_MessageAgingRuleModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause the Object Not Found exception to be thrown: 1. The MessageAgingRule object was not found. The names of the object (Message aging rule), table (tbl_MessageAgingRule), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_MessageAgingRule), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@Action

Property Name	Value
Description:	Describes the action to take when the rule is applied.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	AgingRuleAction
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Action." If "tbl_MessageAgingRule.Action" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AgingTimeType

Property Name	Value
Description:	This defines what column to use (modificationtime or arrivaltime) when calculating messages to age.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.AgingTimeType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	AgingTimeType
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.AgingTimeType." If "tbl_MessageAgingRule.AgingTimeType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Days

Property Name	Value
Description:	Age message older than this number of days.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Days
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Days." If "tbl_MessageAgingRule.Days" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Deleted

Property Name	Value
Description:	Apply this rule to messages where UnityMbxDb.tbl_FolderItem.Deleted is equal to this value.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Deleted
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Deleted." If "tbl_MessageAgingRule.Deleted" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Enabled

Property Name	Value
Description:	If not true, then don't apply this rule as part of the message aging policy
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Enabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Enabled." If "tbl_MessageAgingRule.Enabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MessageAgingPolicyObjectId

Property Name	Value
Description:	The objectid of the MessageAgingPolicy to which this rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.MessageAgingPolicyObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.MessageAgingPolicyObjectId." If "tbl_MessageAgingRule.MessageAgingPolicyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a MessageAgingRule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.ObjectId." If "tbl_MessageAgingRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Recent

Property Name	Value
Description:	Apply this rule to messages where tbl_FolderItem.Recent is equal to this value.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Recent
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Recent." If "tbl_MessageAgingRule.Recent" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Secure

Property Name	Value
Description:	Apply this rule to messages where tbl_Message.Secure is equal to this value.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Secure
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Secure." If "tbl_MessageAgingRule.Secure" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Seen

Property Name	Value
Description:	Apply this rule to messages where tbl_FolderItem.Seen is equal to this value.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MessageAgingRule.Seen
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_MessageAgingRule.Seen." If "tbl_MessageAgingRule.Seen" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.185. csp_NicknameCreate

Creates a new Nickname object by inserting a new row into tbl_Nickname.

Additional Information

The parameters @CanonicalName and @Nickname must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CanonicalName	In	inherit	nvarchar (64 characters)	The proper name for a contact or user for which a Nickname is associated.
Required	@Nickname	In	inherit	nvarchar (64 characters)	A nick name associated with the name.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Nickname object.

Exceptions

csp_NicknameCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@CanonicalName and @Nickname) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.

Property Name	Value
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CanonicalName

Property Name	Value
Description:	The proper name for a contact or user for which a Nickname is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Nickname.CanonicalName

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Nickname.CanonicalName." If "tbl_Nickname.CanonicalName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Nickname

Property Name	Value
Description:	A nick name associated with the name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Nickname.Nickname
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Nickname.Nickname." If "tbl_Nickname.Nickname" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Nickname object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Nickname.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Nickname.ObjectId." If "tbl_Nickname.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

6.186. csp_NicknameDelete

Deletes a Nickname object from tbl_Nickname as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Nickname object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_NicknameDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified Nickname object was not found. The names of the object (Nick Name), table (tbl_Nickname), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Nickname), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Nickname object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Nickname.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Nickname.ObjectId." If "tbl_Nickname.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.187. csp_NicknameModify

Updates the attributes of a Nickname object based on the values passed in via the parameters. The @ObjectId parameter identifies the Nickname object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Nickname object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	Component name for the auditing.
Optional	@CanonicalName	In	inherit	nvarchar (64 characters)	The proper name for a contact or user for which a Nickname is associated.
Optional	@Nickname	In	inherit	nvarchar (64 characters)	A nick name associated with the name.

Exceptions

csp_NicknameModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Nickname object was not found. The names of the object (Nick Name), table (tbl_Nickname), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CanonicalName

Property Name	Value
Description:	The proper name for a contact or user for which a Nickname is associated.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Nickname.CanonicalName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Nickname.CanonicalName." If "tbl_Nickname.CanonicalName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Nickname

Property Name	Value
Description:	A nick name associated with the name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Nickname.Nickname
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Nickname.Nickname." If "tbl_Nickname.Nickname" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Nickname object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Nickname.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Nickname.ObjectId." If "tbl_Nickname.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.188. csp_NotificationDeviceConversationCreate

Creates a new NotificationDeviceConversation object by inserting a new row into tbl_NotificationDeviceConversation. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition it also creates a new NotificationDevice object (base object for a NotificationDeviceConversation object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceConversation object contains the parameters and settings (phonenumbers, ringstowait, etc.) for a dialable phone notification device.

Additional Information

The parameters @DisplayName, @MediaSwitchObjectId, and @SubscriberObjectId must be provided.

Business Rules

If @Active = True, @PhoneNumber must be non-null.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2, "Work Phone, " etc.
Required	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object to use for notification.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this notification device belongs.
Optional	@Active	In	inherit	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).
Optional	@AfterDialDigits	In	inherit	nvarchar (32 characters)	The extra digits (if any) that Cisco Unity Connection will dial after the phone number.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BusyRetryInterval	In	inherit	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Conversation	In	inherit	nvarchar (64 characters)	The name of the Conversation Cisco Unity Connection will use when calling the subscriber to notify of new messages. This maps to one of the conversations in tbl_Conversation.
Optional	@DetectTransferLoop	In	inherit	smallint (2 bytes)	A flag indicating whether Unity can do a loop detect transfer to this device.
Optional	@DeviceName	In	inherit	nvarchar (12 characters)	The "DeviceName" of the notification device.
Optional	@DialDelay	In	inherit	int (4 bytes)	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Optional	@MaxBody	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.
Optional	@MaxSubject	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceConversation object.
Optional	@PhoneNumber	In	inherit	nvarchar (40 characters)	The phone number to dial, including the trunk access code (if any), of the device.
Optional	@PromptForId	In	inherit	smallint (2 bytes)	A flag indicating whether to prompt a subscriber for their Cisco Unity Connection ID, or just their password.
Optional	@RetriesOnBusy	In	inherit	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Optional	@RetriesOnRna	In	inherit	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Optional	@RingsToWait	In	inherit	int (4 bytes)	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Optional	@RnaRetryInterval	In	inherit	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TransmitForcedAuthorizationCode	In	inherit	smallint (2 bytes)	A flag indicating whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Optional	@WaitConnect	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.

Exceptions

csp_NotificationDeviceConversationCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DeviceName, @DisplayName, @MediaSwitchObjectId, and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Subscriber object was not found. The names of the object (Subscriber), table (tbl_UserSubscriber), and column (ObjectId) are included with the exception message.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	The specified configuration setting was not found. The name of the setting is included in the exception message.
1050	EXCEPTION_NOTIFICATION_PHONENUMBER_REQUIRED	The parameter @PhoneNumber must be provided for an "active" conversation type of notification device.

Parameter Properties

@Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.Active
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.Active." If "tbl_NotificationDevice.Active" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AfterDialDigits

Property Name	Value
Description:	The extra digits (if any) that Cisco Unity Connection will dial after the phone number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.AfterDialDigits
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	NotificationDeviceAfterDialDigits
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.AfterDialDigits." If "tbl_NotificationDeviceConversation.AfterDialDigits" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@BusyRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.BusyRetryInterval
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.BusyRetryInterval." If "tbl_NotificationDeviceConversation.BusyRetryInterval" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@Conversation

Property Name	Value
Description:	The name of the Conversation Cisco Unity Connection will use when calling the subscriber to notify of new messages. This maps to one of the conversations in tbl_Conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.Conversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.Conversation." If "tbl_NotificationDeviceConversation.Conversation" can be NULL, then explicit NULL is allowed.
Default Value:	SubNotify
Direction:	In
Update Column Value From Parameter:	True

@DetectTransferLoop

Property Name	Value
Description:	A flag indicating whether Unity can do a loop detect transfer to this device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.DetectTransferLoop
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.DetectTransferLoop." If "tbl_NotificationDeviceConversation.DetectTransferLoop" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DeviceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	NotificationDeviceName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DeviceName." If "tbl_NotificationDevice.DeviceName" can be NULL, then explicit NULL is allowed.
Default Value:	Other
Direction:	In
Update Column Value From Parameter:	True

@DialDelay

Property Name	Value
Description:	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.DialDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.DialDelay." If "tbl_NotificationDeviceConversation.DialDelay" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone, " etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DisplayName." If "tbl_NotificationDevice.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxBody." If "tbl_NotificationDevice.MaxBody" can be NULL, then explicit NULL is allowed.
Default Value:	512
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxSubject
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxSubject." If "tbl_NotificationDevice.MaxSubject" can be NULL, then explicit NULL is allowed.
Default Value:	64
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for notification.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.MediaSwitchObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.MediaSwitchObjectId." If "tbl_NotificationDeviceConversation.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceConversation object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.ObjectId." If "tbl_NotificationDeviceConversation.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PhoneNumber

Property Name	Value
Description:	The phone number to dial, including the trunk access code (if any), of the device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.PhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.PhoneNumber." If "tbl_NotificationDeviceConversation.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PromptForId

Property Name	Value
Description:	A flag indicating whether to prompt a subscriber for their Cisco Unity Connection ID, or just their password.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.PromptForId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.PromptForId." If "tbl_NotificationDeviceConversation.PromptForId" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RetriesOnBusy

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.RetriesOnBusy
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.RetriesOnBusy." If "tbl_NotificationDeviceConversation.RetriesOnBusy" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RetriesOnRna

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.RetriesOnRna
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.RetriesOnRna." If "tbl_NotificationDeviceConversation.RetriesOnRna" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RingsToWait

Property Name	Value
Description:	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.RingsToWait
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.RingsToWait." If "tbl_NotificationDeviceConversation.RingsToWait" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RnaRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.RnaRetryInterval
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.RnaRetryInterval." If "tbl_NotificationDeviceConversation.RnaRetryInterval" can be NULL, then explicit NULL is allowed.
Default Value:	15
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification device belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.SubscriberObjectId." If "tbl_NotificationDevice.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.TransmitForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.TransmitForcedAuthorizationCode." If "tbl_NotificationDeviceConversation.TransmitForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@WaitConnect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.WaitConnect
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.WaitConnect." If "tbl_NotificationDeviceConversation.WaitConnect" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

6.189. csp_NotificationDeviceConversationDelete

Deletes a NotificationDeviceConversation object from tbl_NotificationDeviceConversation and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.

Additional Information

This procedure uses the FK cascade delete constraint to delete the row in tbl_NotificationDeviceConversation.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_NotificationDeviceConversationDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified NotificationDevice object was not found. The names of the object (Notification device), table (tbl_NotificationDevice), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_NotificationDevice), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.ObjectId." If "tbl_NotificationDevice.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.190. csp_NotificationDeviceConversationModify

Updates the attributes of a NotificationDeviceConversation object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceConversation and NotificationDevice objects that are updated.

Additional Information

Business Rules

If device is active, must pass in a Phone Number or the table already contains a Phone number.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceConversation object.
Optional	@Active	In	inherit	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).
Optional	@AfterDialDigits	In	inherit	nvarchar (32 characters)	The extra digits (if any) that Cisco Unity Connection will dial after the phone number.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BusyRetryInterval	In	inherit	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Optional	@Conversation	In	inherit	nvarchar (64 characters)	The name of the Conversation Cisco Unity Connection will use when calling the subscriber to notify of new messages. This maps to one of the conversations in tbl_Conversation.
Optional	@DetectTransferLoop	In	inherit	smallint (2 bytes)	A flag indicating whether Unity can do a loop detect transfer to this device.
Optional	@DeviceName	In	inherit	nvarchar (12 characters)	The "DeviceName" of the notification device.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DialDelay	In	inherit	int (4 bytes)	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," "Pager 2," "Work Phone, " etc.
Optional	@MaxBody	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.
Optional	@MaxSubject	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object to use for notification.
Optional	@PhoneNumber	In	inherit	nvarchar (40 characters)	The phone number to dial, including the trunk access code (if any), of the device.
Optional	@PromptForId	In	inherit	smallint (2 bytes)	A flag indicating whether to prompt a subscriber for their Cisco Unity Connection ID, or just their password.
Optional	@RetriesOnBusy	In	inherit	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Optional	@RetriesOnRna	In	inherit	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Optional	@RingsToWait	In	inherit	int (4 bytes)	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Optional	@RnaRetryInterval	In	inherit	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Optional	@TransmitForcedAuthorizationCode	In	inherit	smallint (2 bytes)	A flag indicating whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@WaitConnect	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.

Exceptions

csp_NotificationDeviceConversationModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified NotificationDeviceConversation object was not found. The names of the object (Notification device conversation), table (tbl_NotificationDeviceConversation), and column (ObjectId) are included with the exception message.
1050	EXCEPTION_NOTIFICATION_PHONENUMBER_REQUIRED	The parameter @PhoneNumber must be provided or the column tbl_NotificationDeviceConversation must already contain a valid value for an "active" conversation type of notification device.

Parameter Properties

@Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.Active
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.Active." If "tbl_NotificationDevice.Active" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@AfterDialDigits

Property Name	Value
Description:	The extra digits (if any) that Cisco Unity Connection will dial after the phone number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.AfterDialDigits
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	NotificationDeviceAfterDialDigits
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.AfterDialDigits." If "tbl_NotificationDeviceConversation.AfterDialDigits" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@BusyRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.BusyRetryInterval
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.BusyRetryInterval." If "tbl_NotificationDeviceConversation.BusyRetryInterval" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@Conversation

Property Name	Value
Description:	The name of the Conversation Cisco Unity Connection will use when calling the subscriber to notify of new messages. This maps to one of the conversations in tbl_Conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.Conversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.Conversation." If "tbl_NotificationDeviceConversation.Conversation" can be NULL, then explicit NULL is allowed.
Default Value:	SubNotify
Direction:	In
Update Column Value From Parameter:	True

@DetectTransferLoop

Property Name	Value
Description:	A flag indicating whether Unity can do a loop detect transfer to this device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.DetectTransferLoop
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.DetectTransferLoop." If "tbl_NotificationDeviceConversation.DetectTransferLoop" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DeviceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	NotificationDeviceName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DeviceName." If "tbl_NotificationDevice.DeviceName" can be NULL, then explicit NULL is allowed.
Default Value:	Other
Direction:	In
Update Column Value From Parameter:	True

@DialDelay

Property Name	Value
Description:	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.DialDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.DialDelay." If "tbl_NotificationDeviceConversation.DialDelay" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2, "Work Phone, " etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DisplayName." If "tbl_NotificationDevice.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxBody." If "tbl_NotificationDevice.MaxBody" can be NULL, then explicit NULL is allowed.
Default Value:	512
Direction:	In
Update Column Value From Parameter:	True

@MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxSubject
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxSubject." If "tbl_NotificationDevice.MaxSubject" can be NULL, then explicit NULL is allowed.
Default Value:	64
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for notification.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.MediaSwitchObjectId." If "tbl_NotificationDeviceConversation.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceConversation object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.ObjectId." If "tbl_NotificationDeviceConversation.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PhoneNumber

Property Name	Value
Description:	The phone number to dial, including the trunk access code (if any), of the device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.PhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.PhoneNumber." If "tbl_NotificationDeviceConversation.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PromptForId

Property Name	Value
Description:	A flag indicating whether to prompt a subscriber for their Cisco Unity Connection ID, or just their password.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.PromptForId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.PromptForId." If "tbl_NotificationDeviceConversation.PromptForId" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RetriesOnBusy

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.RetriesOnBusy
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.RetriesOnBusy." If "tbl_NotificationDeviceConversation.RetriesOnBusy" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RetriesOnRna

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.RetriesOnRna
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.RetriesOnRna." If "tbl_NotificationDeviceConversation.RetriesOnRna" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RingsToWait

Property Name	Value
Description:	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.RingsToWait
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.RingsToWait." If "tbl_NotificationDeviceConversation.RingsToWait" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RnaRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.RnaRetryInterval
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.RnaRetryInterval." If "tbl_NotificationDeviceConversation.RnaRetryInterval" can be NULL, then explicit NULL is allowed.
Default Value:	15
Direction:	In
Update Column Value From Parameter:	True

@TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.TransmitForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.TransmitForcedAuthorizationCode." If "tbl_NotificationDeviceConversation.TransmitForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@WaitConnect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceConversation.WaitConnect
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceConversation.WaitConnect." If "tbl_NotificationDeviceConversation.WaitConnect" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

6.191. csp_NotificationDevicePagerCreate

Creates a new NotificationDevicePager object by inserting a new row into tbl_NotificationDevicePager. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDevicePager object) by inserting a new row in tbl_NotificationDevice. A NotificationDevicePager object contains the parameters and settings (sendcount, dialdelay, etc.) for a pager (via phone, not SMTP) notification device.

Additional Information

The parameters @DisplayName, @MediaSwitchObjectId, and @SubscriberObjectId must be provided.

Business Rules

If @Active = True, @PhoneNumber must be non-null.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone, " etc.
Required	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object to use for notification.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this notification device belongs.
Optional	@Active	In	inherit	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).
Optional	@AfterDialDigits	In	inherit	nvarchar (32 characters)	The extra digits (if any) that Cisco Unity Connection will dial after the phone number. For numeric pagers, the extra digits are shown on the pager display.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BusyRetryInterval	In	inherit	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DeviceName	In	inherit	nvarchar (12 characters)	The "DeviceName" of the notification device.
Optional	@DialDelay	In	inherit	int (4 bytes)	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Optional	@MaxBody	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.
Optional	@MaxSubject	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevicePager object.
Optional	@PhoneNumber	In	inherit	nvarchar (40 characters)	The phone number to dial, including the trunk access code, to send a page.
Optional	@RetriesOnBusy	In	inherit	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Optional	@RetriesOnRna	In	inherit	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Optional	@RingsToWait	In	inherit	int (4 bytes)	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Optional	@RnaRetryInterval	In	inherit	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Optional	@SendCallerId	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Optional	@SendCount	In	inherit	smallint (2 bytes)	A flag indicting whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TransmitForcedAuthorizationCode	In	inherit	smallint (2 bytes)	A flag indicting whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Optional	@WaitConnect	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.

Exceptions

csp_NotificationDevicePagerCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DeviceName, @DisplayName, @MediaSwitchObjectId, and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Subscriber object was not found. The names of the object (Subscriber), table (tbl_UserSubscriber), and column (ObjectId) are included with the exception message.
1050	EXCEPTION_NOTIFICATION_PHONENUMBER_REQUIRED	The parameter @PhoneNumber must be provided for an "active" pager type of notification device.

Parameter Properties

@Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.Active
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.Active." If "tbl_NotificationDevice.Active" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AfterDialDigits

Property Name	Value
Description:	The extra digits (if any) that Cisco Unity Connection will dial after the phone number. For numeric pagers, the extra digits are shown on the pager display.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.AfterDialDigits
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	NotificationDeviceAfterDialDigits
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.AfterDialDigits." If "tbl_NotificationDevicePager.AfterDialDigits" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@BusyRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.BusyRetryInterval
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.BusyRetryInterval." If "tbl_NotificationDevicePager.BusyRetryInterval" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DeviceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	NotificationDeviceName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DeviceName." If "tbl_NotificationDevice.DeviceName" can be NULL, then explicit NULL is allowed.
Default Value:	Other
Direction:	In
Update Column Value From Parameter:	True

@DialDelay

Property Name	Value
Description:	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.DialDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.DialDelay." If "tbl_NotificationDevicePager.DialDelay" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2, "Work Phone, " etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DisplayName." If "tbl_NotificationDevice.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxBody." If "tbl_NotificationDevice.MaxBody" can be NULL, then explicit NULL is allowed.
Default Value:	512
Direction:	In
Update Column Value From Parameter:	True

@MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxSubject
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxSubject." If "tbl_NotificationDevice.MaxSubject" can be NULL, then explicit NULL is allowed.
Default Value:	64
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for notification.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.MediaSwitchObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.MediaSwitchObjectId." If "tbl_NotificationDevicePager.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevicePager object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.ObjectId." If "tbl_NotificationDevicePager.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PhoneNumber

Property Name	Value
Description:	The phone number to dial, including the trunk access code, to send a page.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.PhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.PhoneNumber." If "tbl_NotificationDevicePager.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@RetriesOnBusy

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.RetriesOnBusy

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.RetriesOnBusy." If "tbl_NotificationDevicePager.RetriesOnBusy" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RetriesOnRna

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.RetriesOnRna
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.RetriesOnRna." If "tbl_NotificationDevicePager.RetriesOnRna" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RingsToWait

Property Name	Value
Description:	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.RingsToWait

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.RingsToWait." If "tbl_NotificationDevicePager.RingsToWait" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RnaRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.RnaRetryInterval
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.RnaRetryInterval." If "tbl_NotificationDevicePager.RnaRetryInterval" can be NULL, then explicit NULL is allowed.
Default Value:	15
Direction:	In
Update Column Value From Parameter:	True

@SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.SendCallerId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.SendCallerId." If "tbl_NotificationDevicePager.SendCallerId" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendCount

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.SendCount
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.SendCount." If "tbl_NotificationDevicePager.SendCount" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification device belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.SubscriberObjectId

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.SubscriberObjectId." If "tbl_NotificationDevice.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicting whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.TransmitForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.TransmitForcedAuthorizationCode." If "tbl_NotificationDevicePager.TransmitForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@WaitConnect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.WaitConnect

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.WaitConnect." If "tbl_NotificationDevicePager.WaitConnect" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

6.192. csp_NotificationDevicePagerDelete

Deletes a NotificationDevicePager object from tbl_NotificationDevicePager and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.

Additional Information

This procedure uses the FK cascade delete constraint to delete the row in tbl_NotificationDevicePager.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_NotificationDevicePagerDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified NotificationDevice object was not found. The names of the object (Notification device), table (tbl_NotificationDevice), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_NotificationDevice), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.ObjectId." If "tbl_NotificationDevice.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.193. csp_NotificationDevicePagerModify

Updates the attributes of a NotificationDevicePager object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDevicePager and NotificationDevice objects that are updated.

Additional Information

Business Rules

If device is active, must pass in a Phone Number or the table already contains a Phone number.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevicePager object.
Optional	@Active	In	inherit	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).
Optional	@AfterDialDigits	In	inherit	nvarchar (32 characters)	The extra digits (if any) that Cisco Unity Connection will dial after the phone number. For numeric pagers, the extra digits are shown on the pager display.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BusyRetryInterval	In	inherit	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Optional	@DeviceName	In	inherit	nvarchar (12 characters)	The "DeviceName" of the notification device.
Optional	@DialDelay	In	inherit	int (4 bytes)	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2, "Work Phone, " etc.
Optional	@MaxBody	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.
Optional	@MaxSubject	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object to use for notification.
Optional	@PhoneNumber	In	inherit	nvarchar (40 characters)	The phone number to dial, including the trunk access code, to send a page.
Optional	@RetriesOnBusy	In	inherit	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Optional	@RetriesOnRna	In	inherit	int (4 bytes)	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Optional	@RingsToWait	In	inherit	int (4 bytes)	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Optional	@RnaRetryInterval	In	inherit	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Optional	@SendCallerId	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Optional	@SendCount	In	inherit	smallint (2 bytes)	A flag indicting whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TransmitForcedAuthorizationCode	In	inherit	smallint (2 bytes)	A flag indicting whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Optional	@WaitConnect	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.

Exceptions

csp_NotificationDevicePagerModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified NotificationDevicePager object was not found. The names of the object (Notification device pager), table (tbl_NotificationDevicePager), and column (ObjectId) are included with the exception message.
1050	EXCEPTION_NOTIFICATION_PHONENUMBER_REQUIRED	The parameter @PhoneNumber must be provided or the column tbl_NotificationDevicePager must already contain a valid value for an "active" pager type of notification device.

Parameter Properties

@Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.Active
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.Active." If "tbl_NotificationDevice.Active" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AfterDialDigits

Property Name	Value
Description:	The extra digits (if any) that Cisco Unity Connection will dial after the phone number. For numeric pagers, the extra digits are shown on the pager display.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.AfterDialDigits
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	NotificationDeviceAfterDialDigits
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.AfterDialDigits." If "tbl_NotificationDevicePager.AfterDialDigits" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@BusyRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.BusyRetryInterval
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.BusyRetryInterval." If "tbl_NotificationDevicePager.BusyRetryInterval" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DeviceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	NotificationDeviceName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DeviceName." If "tbl_NotificationDevice.DeviceName" can be NULL, then explicit NULL is allowed.
Default Value:	Other
Direction:	In
Update Column Value From Parameter:	True

@DialDelay

Property Name	Value
Description:	The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.DialDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.DialDelay." If "tbl_NotificationDevicePager.DialDelay" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2, "Work Phone, " etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DisplayName." If "tbl_NotificationDevice.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxBody." If "tbl_NotificationDevice.MaxBody" can be NULL, then explicit NULL is allowed.
Default Value:	512
Direction:	In
Update Column Value From Parameter:	True

@MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxSubject
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxSubject." If "tbl_NotificationDevice.MaxSubject" can be NULL, then explicit NULL is allowed.
Default Value:	64
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for notification.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.MediaSwitchObjectId." If "tbl_NotificationDevicePager.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevicePager object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.ObjectId." If "tbl_NotificationDevicePager.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PhoneNumber

Property Name	Value
Description:	The phone number to dial, including the trunk access code, to send a page.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.PhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.PhoneNumber." If "tbl_NotificationDevicePager.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@RetriesOnBusy

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if it is busy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.RetriesOnBusy

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.RetriesOnBusy." If "tbl_NotificationDevicePager.RetriesOnBusy" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RetriesOnRna

Property Name	Value
Description:	The number of times Cisco Unity Connection will retry the notification device if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.RetriesOnRna
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.RetriesOnRna." If "tbl_NotificationDevicePager.RetriesOnRna" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RingsToWait

Property Name	Value
Description:	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.RingsToWait

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.RingsToWait." If "tbl_NotificationDevicePager.RingsToWait" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@RnaRetryInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.RnaRetryInterval
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.RnaRetryInterval." If "tbl_NotificationDevicePager.RnaRetryInterval" can be NULL, then explicit NULL is allowed.
Default Value:	15
Direction:	In
Update Column Value From Parameter:	True

@SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.SendCallerId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.SendCallerId." If "tbl_NotificationDevicePager.SendCallerId" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendCount

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.SendCount
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.SendCount." If "tbl_NotificationDevicePager.SendCount" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicting whether an authorization code should be transmitted to Cisco Call Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.TransmitForcedAuthorizationCode

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.TransmitForcedAuthorizationCode." If "tbl_NotificationDevicePager.TransmitForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@WaitConnect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection waits until it detects a connection before dialing the digits in AfterDialDigits.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevicePager.WaitConnect
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevicePager.WaitConnect." If "tbl_NotificationDevicePager.WaitConnect" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

6.194. csp_NotificationDeviceSMSCreate

Creates a new NotificationDeviceSMS object by inserting a new row into tbl_NotificationDeviceSMS. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDeviceSMS object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceSMS object contains the parameters and settings (sendcount, SMPPProviderObjectid, etc.) for a SMS notification device.

Additional Information

The parameters @DisplayName and @SubscriberObjectId must be provided.

This procedure makes a check to determine whether the specified SMPP Provider is active and that it can be used by the user.

Business Rules

* If @Active = True, @RecipientAddress must be non-null.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2, "Work Phone," etc.
Required	@SmppProviderObjectid	In	inherit	char (36 characters)	The unique identifier of the SMPPProvider object that is used by this notification device.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this notification device belongs.
Optional	@Active	In	inherit	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DeviceName	In	inherit	nvarchar (12 characters)	The "DeviceName" of the notification device.
Optional	@MaxBody	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MaxSubject	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMS object.
Optional	@RecipientAddress	In	inherit	lvarchar (320 characters)	The phone number of the SMS-compatible device to receive the message. In CUSA, this is referred to as the "To:" field.
Optional	@SendCallerId	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Optional	@SendCount	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Optional	@SenderAddress	In	inherit	nvarchar (40 characters)	The return phone number for the message notification. Typically, this column contains the number that the subscriber calls to check messages (i.e., pilot number for Cisco Unity Connection voice mail). If the SMPP Provider requires a source address for the server sending the message, the SMSC will overwrite this data with an IP address. In CUSA, this is referred to as the "From:" field.
Optional	@StaticText	In	inherit	lvarchar (256 characters)	The text message that the subscriber wants to receive in a Text Pager notification. For Text Pager notifications only. The SA refers to this as the "Send:" field. Typically holds email address. Also holds text for text pagers. SA text pager calls this 'send text'. It is empty for numeric pagers.

Exceptions

csp_NotificationDeviceSMSCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DeviceName, @DisplayName, @SMPPPProvider, and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	Returned if the SMPP Provider was not found.
1031	EXCEPTION_NOTIFICATION_TOADDRESS_REQUIRED	The value of @SmtpAddress must be non-null. The name of the parameter (@Smtpaddress), table (tbl_NotificationDeviceSMS) and column (SmtpAddress) are included with the exception message.
1307	EXCEPTION_RESOURCE_DISABLED	The SMPP provider is not enabled.
1308	EXCEPTION_RESOURCE_OWNER_INVALID	The user does not own the SMPP provider.

Parameter Properties

@Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.Active
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.Active." If "tbl_NotificationDevice.Active" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	

Property Name	Value
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DeviceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)

Property Name	Value
Custom Type:	NotificationDeviceName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DeviceName." If "tbl_NotificationDevice.DeviceName" can be NULL, then explicit NULL is allowed.
Default Value:	Other
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone," etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DisplayName." If "tbl_NotificationDevice.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxBody." If "tbl_NotificationDevice.MaxBody" can be NULL, then explicit NULL is allowed.
Default Value:	512
Direction:	In
Update Column Value From Parameter:	True

@MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxSubject
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxSubject." If "tbl_NotificationDevice.MaxSubject" can be NULL, then explicit NULL is allowed.
Default Value:	64
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMS object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.ObjectId." If "tbl_NotificationDeviceSMS.ObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@RecipientAddress

Property Name	Value
Description:	The phone number of the SMS-compatible device to receive the message. In CUSA, this is referred to as the "To:" field.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.SmtAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.SmtAddress." If "tbl_NotificationDeviceSMS.SmtAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SenderId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.SendCallerId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.SendCallerId." If "tbl_NotificationDeviceSMS.SendCallerId" can be NULL, then explicit NULL is allowed.
Default Value:	1

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@SendCount

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.SendCount
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.SendCount." If "tbl_NotificationDeviceSMS.SendCount" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SenderAddress

Property Name	Value
Description:	The return phone number for the message notification. Typically, this column contains the number that the subscriber calls to check messages (i.e., pilot number for Cisco Unity Connection voice mail). If the SMPP Provider requires a source address for the server sending the message, the SMSC will overwrite this data with an IP address. In CUSA, this is referred to as the "From:" field.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.PhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.PhoneNumber." If "tbl_NotificationDeviceSMS.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SmppProviderObjectId

Property Name	Value
Description:	The unique identifier of the SMPPProvider object that is used by this notification device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.SmppProviderObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.SmppProviderObjectId." If "tbl_NotificationDeviceSMS.SmppProviderObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@StaticText

Property Name	Value
Description:	The text message that the subscriber wants to receive in a Text Pager notification. For Text Pager notifications only. The SA refers to this as the "Send:" field. Typically holds email address. Also holds text for text pagers. SA text pager calls this 'send text'. It is empty for numeric pagers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.StaticText
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (256 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.StaticText." If "tbl_NotificationDeviceSMS.StaticText" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification device belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.SubscriberObjectId." If "tbl_NotificationDevice.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.195. csp_NotificationDeviceSMSDelete

Deletes a NotificationDeviceSMS object from tbl_NotificationDeviceSMS and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.

Additional Information

This procedure uses the FK cascade delete constraint to delete the row in tbl_NotificationDeviceSMS.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_NotificationDeviceSMSDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified NotificationDevice object was not found. The names of the object (Notification device), table (tbl_NotificationDevice), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_NotificationDevice), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.ObjectId." If "tbl_NotificationDevice.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.196. csp_NotificationDeviceSMSModify

Updates the attributes of a NotificationDeviceSMS object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceSMS and NotificationDevice objects that are updated.

Additional Information

This procedure makes a check to determine whether the specified SMPP Provider is active and that it can be used by the user.

Business Rules

If device is active, must pass in a RecipientAddress or the table already contains an SMTP address.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMS object.
Optional	@Active	In	inherit	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DeviceName	In	inherit	nvarchar (12 characters)	The "DeviceName" of the notification device.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2, "Work Phone," etc.
Optional	@MaxBody	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.
Optional	@MaxSubject	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.
Optional	@RecipientAddress	In	inherit	lvarchar (320 characters)	The phone number of the SMS-compatible device to receive the message. In CUSA, this is referred to as the "To:" field.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SendCallerId	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Optional	@SendCount	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Optional	@SenderAddress	In	inherit	nvarchar (40 characters)	The return phone number for the message notification. Typically, this column contains the number that the subscriber calls to check messages (i.e., pilot number for Cisco Unity Connection voice mail). If the SMPP Provider requires a source address for the server sending the message, the SMSC will overwrite this data with an IP address. In CUSA, this is referred to as the "From:" field.
Optional	@SmppProviderObjectId	In	inherit	char (36 characters)	The unique identifier of the SMPPProvider object that is used by this notification device.
Optional	@StaticText	In	inherit	lvarchar (256 characters)	The text message that the subscriber wants to receive in a Text Pager notification. For Text Pager notifications only. The SA refers to this as the "Send:" field. Typically holds email address. Also holds text for text pagers. SA text pager calls this 'send text'. It is empty for numeric pagers.

Exceptions

csp_NotificationDeviceSMSModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The specified NotificationDeviceSMS object was not found. The names of the object (Notification device sms), table (tbl_NotificationDeviceSMS), and column (ObjectId) are included with the exception message. Also returned if the Returned if the SMPP Provider was not found.
1031	EXCEPTION_NOTIFICATION_TOADDRESS_REQUIRED	The value of @SmtpAddress must be non-null. The name of the parameter (@Smtpaddress), table (tbl_NotificationDeviceSMS) and column (SmtpAddress) are included with the exception message.
1307	EXCEPTION_RESOURCE_DISABLED	The SMPP provider is not enabled.
1308	EXCEPTION_RESOURCE_OWNER_INVALID	The user does not own the SMPP provider.

Parameter Properties

@Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.Active
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.Active." If "tbl_NotificationDevice.Active" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	

Property Name	Value
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DeviceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)

Property Name	Value
Custom Type:	NotificationDeviceName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DeviceName." If "tbl_NotificationDevice.DeviceName" can be NULL, then explicit NULL is allowed.
Default Value:	Other
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone," etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DisplayName." If "tbl_NotificationDevice.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxBody." If "tbl_NotificationDevice.MaxBody" can be NULL, then explicit NULL is allowed.
Default Value:	512
Direction:	In
Update Column Value From Parameter:	True

@MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxSubject
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxSubject." If "tbl_NotificationDevice.MaxSubject" can be NULL, then explicit NULL is allowed.
Default Value:	64
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMS object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.ObjectId." If "tbl_NotificationDeviceSMS.ObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@RecipientAddress

Property Name	Value
Description:	The phone number of the SMS-compatible device to receive the message. In CUSA, this is referred to as the "To:" field.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.SmtAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.SmtAddress." If "tbl_NotificationDeviceSMS.SmtAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SenderId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.SendCallerId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.SendCallerId." If "tbl_NotificationDeviceSMS.SendCallerId" can be NULL, then explicit NULL is allowed.
Default Value:	1

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@SendCount

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.SendCount
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.SendCount." If "tbl_NotificationDeviceSMS.SendCount" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SenderAddress

Property Name	Value
Description:	The return phone number for the message notification. Typically, this column contains the number that the subscriber calls to check messages (i.e., pilot number for Cisco Unity Connection voice mail). If the SMPP Provider requires a source address for the server sending the message, the SMSC will overwrite this data with an IP address. In CUSA, this is referred to as the "From:" field.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.PhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.PhoneNumber." If "tbl_NotificationDeviceSMS.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SmppProviderObjectId

Property Name	Value
Description:	The unique identifier of the SMPPProvider object that is used by this notification device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.SmppProviderObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.SmppProviderObjectId." If "tbl_NotificationDeviceSMS.SmppProviderObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@StaticText

Property Name	Value
Description:	The text message that the subscriber wants to receive in a Text Pager notification. For Text Pager notifications only. The SA refers to this as the "Send:" field. Typically holds email address. Also holds text for text pagers. SA text pager calls this 'send text'. It is empty for numeric pagers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMS.StaticText
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (256 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMS.StaticText." If "tbl_NotificationDeviceSMS.StaticText" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.197. csp_NotificationDeviceSMTPCreate

Creates a new NotificationDeviceSMTP object by inserting a new row into tbl_NotificationDeviceSMTP. It also creates all the sub objects for a NotificationDevice such as a NotificationRule, NotificationRuleCriteria and NotificationRuleEvent. In addition, it also creates a new NotificationDevice object (base object for a NotificationDeviceSMTP object) by inserting a new row into tbl_NotificationDevice. A NotificationDeviceSMTP object contains the parameters and settings (sendcount, smtpaddress, etc.) for a SMTP notification device.

Additional Information

The parameters @DisplayName, and @SubscriberObjectId must be provided.

Business Rules

If @Active = True, @SmtpAddress must be non-null.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2, "Work Phone, " etc.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this notification device belongs.
Optional	@Active	In	inherit	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DeviceName	In	inherit	nvarchar (12 characters)	The "DeviceName" of the notification device.
Optional	@MaxBody	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.
Optional	@MaxSubject	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMTP object.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@PhoneNumber	In	inherit	varchar (40 characters)	The phone number or alphanumeric text (as applicable) for sending a notification message to a text-compatible cell phone or pager. In the SA, this is referred to as the "From:" field. Typically, this field contains the number that the subscriber calls to check messages.
Optional	@SendCallerId	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Optional	@SendCount	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Optional	@SendPcaLink	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include a link to the PCA with the notification message.
Optional	@SmtpAddress	In	inherit	lvarchar (320 characters)	The e-mail address of the text pager, text-compatible cell phone, or another e-mail account (such as a home e-mail address) to which the notification message is to be sent. In the SA, this is referred to as the "To:" field.
Optional	@StaticText	In	inherit	lvarchar (256 characters)	The actual text message that the subscriber wants to receive in a Text Pager notification. The SA refers to this as the "Send:" field.

Exceptions

csp_NotificationDeviceSMTPCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DeviceName, @DisplayName, and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.
1031	EXCEPTION_NOTIFICATION_TOADDRESS_REQUIRED	The value of @SmtpAddress must be non-null. The name of the parameter (@Smtpaddress), table (tbl_NotificationDeviceSmtp) and column (SmtpAddress) are included with the exception message.

Error #	Name	Description
1044	EXCEPTION_ADDRESS_IN_LOCAL_DOMAIN	A notification message cannot be addressed to the Cisco Unity Connection local domain. The specified SMTP address is included in the exception message.

Parameter Properties

@Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.Active
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.Active." If "tbl_NotificationDevice.Active" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DeviceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	NotificationDeviceName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DeviceName." If "tbl_NotificationDevice.DeviceName" can be NULL, then explicit NULL is allowed.
Default Value:	Other
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone, " etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DisplayName." If "tbl_NotificationDevice.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxBody." If "tbl_NotificationDevice.MaxBody" can be NULL, then explicit NULL is allowed.
Default Value:	512
Direction:	In
Update Column Value From Parameter:	True

@MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxSubject
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxSubject." If "tbl_NotificationDevice.MaxSubject" can be NULL, then explicit NULL is allowed.
Default Value:	64
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMTP object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.ObjectId." If "tbl_NotificationDeviceSMTP.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PhoneNumber

Property Name	Value
Description:	The phone number or alphanumeric text (as applicable) for sending a notification message to a text-compatible cell phone or pager. In the SA, this is referred to as the "From:" field. Typically, this field contains the number that the subscriber calls to check messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.PhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.PhoneNumber." If "tbl_NotificationDeviceSMTP.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.SendCallerId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.SendCallerId." If "tbl_NotificationDeviceSMTP.SendCallerId" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendCount

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.SendCount
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.SendCount." If "tbl_NotificationDeviceSMTP.SendCount" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendPcaLink

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a link to the PCA with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.SendPcaLink
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.SendPcaLink." If "tbl_NotificationDeviceSMTP.SendPcaLink" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SmtAddress

Property Name	Value
Description:	The e-mail address of the text pager, text-compatible cell phone, or another e-mail account (such as a home e-mail address) to which the notification message is to be sent. In the SA, this is referred to as the "To:" field.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.SmtAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	EmailAddress
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.SmtAddress." If "tbl_NotificationDeviceSMTP.SmtAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@StaticText

Property Name	Value
Description:	The actual text message that the subscriber wants to receive in a Text Pager notification. The SA refers to this as the "Send:" field.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.StaticText
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.StaticText." If "tbl_NotificationDeviceSMTP.StaticText" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification device belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.SubscriberObjectId." If "tbl_NotificationDevice.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.198. csp_NotificationDeviceSMTPDelete

Deletes a NotificationDeviceSMTP object from tbl_NotificationDeviceSMTP and the associated NotificationDevice object from tbl_NotificationDevice as specified by the @ObjectId parameter.

Additional Information

This procedure uses the FK cascade delete constraint to delete the row in tbl_NotificationDeviceSMTP.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_NotificationDeviceSMTPDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified NotificationDevice object was not found. The names of the object (Notification device), table (tbl_NotificationDevice), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_NotificationDevice), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDevice object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.ObjectId." If "tbl_NotificationDevice.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.199. csp_NotificationDeviceSMTPModify

Updates the attributes of a NotificationDeviceSMTP object and its associated NotificationDevice object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationDeviceSMTP and NotificationDevice objects that are updated.

Additional Information

Business Rules

If device is active, must pass in an SMTP address or the table already contains an SMTP address.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMTP object.
Optional	@Active	In	inherit	smallint (2 bytes)	A flag indicating whether the device is active or inactive (enabled/disabled).
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DeviceName	In	inherit	nvarchar (12 characters)	The "DeviceName" of the notification device.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2, "Work Phone, " etc.
Optional	@MaxBody	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'body' of a notification message.
Optional	@MaxSubject	In	inherit	int (4 bytes)	The maximum number of characters allowed in the 'subject' of a notification message.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@PhoneNumber	In	inherit	varchar (40 characters)	The phone number or alphanumeric text (as applicable) for sending a notification message to a text-compatible cell phone or pager. In the SA, this is referred to as the "From:" field. Typically, this field contains the number that the subscriber calls to check messages.
Optional	@SendCallerId	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Optional	@SendCount	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Optional	@SendPcaLink	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will include a link to the PCA with the notification message.
Optional	@SmtpAddress	In	inherit	lvarchar (320 characters)	The e-mail address of the text pager, text-compatible cell phone, or another e-mail account (such as a home e-mail address) to which the notification message is to be sent. In the SA, this is referred to as the "To:" field.
Optional	@StaticText	In	inherit	lvarchar (256 characters)	The actual text message that the subscriber wants to receive in a Text Pager notification. The SA refers to this as the "Send:" field.

Exceptions

csp_NotificationDeviceSMTPModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified NotificationDeviceSMTP object was not found. The names of the object (Notification device smtp), table (tbl_NotificationDeviceSMTP), and column (ObjectId) are included with the exception message.

Error #	Name	Description
1031	EXCEPTION_NOTIFICATION_TOADDRESS_REQUIRED	The value of @SmtpAddress must be non-null. The name of the parameter (@Smtpaddress), table (tbl_NotificationDeviceSMTP) and column (SmtpAddress) are included with the exception message.
1044	EXCEPTION_ADDRESS_IN_LOCAL_DOMAIN	A notification message cannot be addressed to the Cisco Unity Connection local domain. The specified SMTP address is included in the exception message.

Parameter Properties

@Active

Property Name	Value
Description:	A flag indicating whether the device is active or inactive (enabled/disabled).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.Active
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.Active." If "tbl_NotificationDevice.Active" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DeviceName

Property Name	Value
Description:	The "DeviceName" of the notification device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DeviceName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	NotificationDeviceName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DeviceName." If "tbl_NotificationDevice.DeviceName" can be NULL, then explicit NULL is allowed.
Default Value:	Other

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the notification device to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Home Phone," Pager 2," "Work Phone, " etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.DisplayName." If "tbl_NotificationDevice.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxBody

Property Name	Value
Description:	The maximum number of characters allowed in the 'body' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxBody
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxBody." If "tbl_NotificationDevice.MaxBody" can be NULL, then explicit NULL is allowed.
Default Value:	512
Direction:	In
Update Column Value From Parameter:	True

@MaxSubject

Property Name	Value
Description:	The maximum number of characters allowed in the 'subject' of a notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDevice.MaxSubject
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDevice.MaxSubject." If "tbl_NotificationDevice.MaxSubject" can be NULL, then explicit NULL is allowed.
Default Value:	64
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationDeviceSMTP object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.ObjectId." If "tbl_NotificationDeviceSMTP.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PhoneNumber

Property Name	Value
Description:	The phone number or alphanumeric text (as applicable) for sending a notification message to a text-compatible cell phone or pager. In the SA, this is referred to as the "From:" field. Typically, this field contains the number that the subscriber calls to check messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.PhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.PhoneNumber." If "tbl_NotificationDeviceSMTP.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SendCallerId

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include the caller id (if available) with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.SendCallerId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.SendCallerId." If "tbl_NotificationDeviceSMTP.SendCallerId" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendCount

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a count of each voice mail, fax, and e-mail message with the notification message. When the subscriber receives the notification, the message count appears as a line for each type of message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.SendCount
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.SendCount." If "tbl_NotificationDeviceSMTP.SendCount" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendPcaLink

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will include a link to the PCA with the notification message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.SendPcaLink
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.SendPcaLink." If "tbl_NotificationDeviceSMTP.SendPcaLink" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SmtAddress

Property Name	Value
Description:	The e-mail address of the text pager, text-compatible cell phone, or another e-mail account (such as a home e-mail address) to which the notification message is to be sent. In the SA, this is referred to as the "To:" field.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.SmtAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	EmailAddress
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.SmtAddress." If "tbl_NotificationDeviceSMTP.SmtAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@StaticText

Property Name	Value
Description:	The actual text message that the subscriber wants to receive in a Text Pager notification. The SA refers to this as the "Send:" field.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationDeviceSMTP.StaticText
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationDeviceSMTP.StaticText." If "tbl_NotificationDeviceSMTP.StaticText" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.200. csp_NotificationMwiCreate

Creates a new NotificationMwi object by inserting a new row into tbl_NotificationMwi. A NotificationMwi object contains the properties for one of a subscriber's notification devices.

Additional Information

The parameters @DisplayName and @SubscriberObjectId must be provided.

The trigger tr_NotificationMwi_Insert_Update performs some data validation.

Business Rules

- * A value of NULL in MwiExtension indicates that both the extension and media switch are inherited from the user.
- * Each user may have at most one MWI device set to inherit.
- * Both MwiExtension and MediaSwitchObjectId must contain non-null value if notification MWI is active and not inheriting extension from the user.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or "Lab Phone."
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this MWI belongs.
Optional	@Active	In	inherit	smallint (2 bytes)	Is this active?
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IncludeFaxMessages	In	inherit	smallint (2 bytes)	A flag indicating whether the MWI should be set for a FAX message.
Optional	@IncludeTextMessages	In	inherit	smallint (2 bytes)	A flag indicating whether the MWI should be set for a text message.
Optional	@IncludeVoiceMessages	In	inherit	smallint (2 bytes)	A flag indicating whether the MWI should be set for a voice message.
Optional	@MediaPortObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaPort object Cisco Unity Connection uses to set MWI.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MwiExtension	In	inherit	nvarchar (40 characters)	The phone number (extension) of the MWI to activate.
Optional	@MwiOn	In	inherit	smallint (2 bytes)	A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.
Optional	@UsePrimaryExtension	In	explicit-withdefault	smallint (2 bytes)	Set to 1 to indicate that the subscribers primary extension should be used instead of MwiExtension

Exceptions

csp_NotificationMwiCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	There are three conditions that can cause PARAMETER_NULL_REQUIRED to be thrown: 1. The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message. 2. The value of the parameter @MediaSwitchObjectId is NULL and @UsePrimaryExtension is False. @MediaSwitchObjectId must contain a non-null value when not inheriting the MWI extension from the user. The name of the missing parameter is included with the exception message. 3. The value of the parameter @MWIExtension is NULL and @UsePrimaryExtension is False. @MWIExtension must contain a non-null value when not inheriting the MWI extension from the user. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	

Parameter Properties

@Active

Property Name	Value
Description:	Is this active?

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.Active
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.Active." If "tbl_NotificationMwi.Active" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or " Lab Phone."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.DisplayName." If "tbl_NotificationMwi.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IncludeFaxMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a FAX message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.IncludeFaxMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.IncludeFaxMessages." If "tbl_NotificationMwi.IncludeFaxMessages" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IncludeTextMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a text message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.IncludeTextMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.IncludeTextMessages." If "tbl_NotificationMwi.IncludeTextMessages" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IncludeVoiceMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a voice message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.IncludeVoiceMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.IncludeVoiceMessages." If "tbl_NotificationMwi.IncludeVoiceMessages" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MediaPortObjectId

Property Name	Value
Description:	The unique identifier of the MediaPort object Cisco Unity Connection uses to set MWI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.MediaPortObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.MediaPortObjectId." If "tbl_NotificationMwi.MediaPortObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.MediaSwitchObjectId." If "tbl_NotificationMwi.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MwiExtension

Property Name	Value
Description:	The phone number (extension) of the MWI to activate.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.MwiExtension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123_Required
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.MwiExtension." If "tbl_NotificationMwi.MwiExtension" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MwiOn

Property Name	Value
Description:	A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.MwiOn
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.MwiOn." If "tbl_NotificationMwi.MwiOn" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.ObjectId." If "tbl_NotificationMwi.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this MWI belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.SubscriberObjectId." If "tbl_NotificationMwi.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UsePrimaryExtension

Property Name	Value
Description:	Set to 1 to indicate that the subscribers primary extension should be used instead of MwiExtension
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0."
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

6.201. csp_NotificationMwiDelete

Deletes a NotificationMwi object from tbl_NotificationMwi as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_NotificationMwiDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified NotificationMwi object was not found. The names of the object (Notification mwi), table (tbl_NotificationMwi), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_NotificationMwi), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.ObjectId." If "tbl_NotificationMwi.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.202. csp_NotificationMwiModify

Updates the attributes of a NotificationMwi object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationMwi object that is updated.

Additional Information

The trigger tr_NotificationMwi_Insert_Update performs some data validation.

Business Rules

- * A value of NULL in MwiExtension indicates that both the extension and media switch are inherited from the user.
- * Each user may have at most one MWI device set to inherit.
- * Both MwiExtension and MediaSwitchObjectId must contain non-null value if notification MWI is active and not inheriting extension from the user.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.
Optional	@Active	In	inherit	smallint (2 bytes)	Is this active?
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or "Lab Phone."
Optional	@IncludeFaxMessages	In	inherit	smallint (2 bytes)	A flag indicating whether the MWI should be set for a FAX message.
Optional	@IncludeTextMessages	In	inherit	smallint (2 bytes)	A flag indicating whether the MWI should be set for a text message.
Optional	@IncludeVoiceMessages	In	inherit	smallint (2 bytes)	A flag indicating whether the MWI should be set for a voice message.
Optional	@MediaPortObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaPort object Cisco Unity Connection uses to set MWI.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MwiExtension	In	inherit	nvarchar (40 characters)	The phone number (extension) of the MWI to activate.
Optional	@MwiOn	In	inherit	smallint (2 bytes)	A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.
Optional	@UsePrimaryExtension	In	ignore	smallint (2 bytes)	Set to 1 to indicate that the subscribers primary extension should be used instead of MwiExtension

Exceptions

csp_NotificationMwiModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	There are two conditions that can cause PARAMETER_NULL_REQUIRED to be thrown: 1. The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message. 2. The value of the parameter @MWIExtension is NULL and @UsePrimaryExtension is False. @MWIExtension must contain a non-null value when not inheriting the MWI extension from the user. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified NotificationMwi object was not found. The names of the object (Notification mwi), table (tbl_NotificationMwi), and column (ObjectId) are included with the exception message.

Parameter Properties

@Active

Property Name	Value
Description:	Is this active?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.Active
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.Active." If "tbl_NotificationMwi.Active" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or " Lab Phone."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.DisplayName." If "tbl_NotificationMwi.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IncludeFaxMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a FAX message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.IncludeFaxMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.IncludeFaxMessages." If "tbl_NotificationMwi.IncludeFaxMessages" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@IncludeTextMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a text message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.IncludeTextMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.IncludeTextMessages." If "tbl_NotificationMwi.IncludeTextMessages" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IncludeVoiceMessages

Property Name	Value
Description:	A flag indicating whether the MWI should be set for a voice message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.IncludeVoiceMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.IncludeVoiceMessages." If "tbl_NotificationMwi.IncludeVoiceMessages" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MediaPortObjectId

Property Name	Value
Description:	The unique identifier of the MediaPort object Cisco Unity Connection uses to set MWI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.MediaPortObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.MediaPortObjectId." If "tbl_NotificationMwi.MediaPortObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.MediaSwitchObjectId." If "tbl_NotificationMwi.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MwiExtension

Property Name	Value
Description:	The phone number (extension) of the MWI to activate.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.MwiExtension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123_Required
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.MwiExtension." If "tbl_NotificationMwi.MwiExtension" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MwiOn

Property Name	Value
Description:	A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.MwiOn
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.MwiOn." If "tbl_NotificationMwi.MwiOn" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationMwi object.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationMwi.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationMwi.ObjectId." If "tbl_NotificationMwi.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UsePrimaryExtension

Property Name	Value
Description:	Set to 1 to indicate that the subscribers primary extension should be used instead of MwiExtension
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.203. csp_NotificationRuleCreate

Creates a new NotificationRule object by inserting a new row into tbl_NotificationRule. A NotificationRule object specifies when and which NotificationDevice is used for notification of new messages.

Additional Information

The parameters @DisplayName, @NotificationDeviceObjectId, @ScheduleSetObjectId and @SubscriberObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The text name for this notification rule to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Required	@NotificationDeviceObjectId	In	inherit	char (36 characters)	The unique identifier of the NotificationDevice object to use.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this notification rule belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@FailRuleObjectId	In	inherit	char (36 characters)	The unique identifier of the NotificationRule object that Cisco Unity Connection will run if attempted notification to the device specified in this rule fails.
Optional	@InitialDelay	In	inherit	int (4 bytes)	The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationRule object.
Optional	@RepeatInterval	In	inherit	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait before re-notifying a subscriber of new messages.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@RepeatNotify	In	inherit	smallint (2 bytes)	A flag indicting whether Cisco Unity Connection begins a notification process immediately upon the arrival of each message that matches the specified criteria.
Optional	@ScheduleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the ScheduleSet object that specifies the schedule for this notification rule.

Exceptions

csp_NotificationRuleCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DisplayName , @NotificationDeviceObjectId , @ScheduleSetObjectId , and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified NotificationRule object was not found. The names of the object (Notification rule), table (tbl_NotificationRule), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name for this notification rule to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	Not relevant since there can only be one notification rule per notification device.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.DisplayName." If "tbl_NotificationRule.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FailRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object that Cisco Unity Connection will run if attempted notification to the device specified in this rule fails.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.FailRuleObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.FailRuleObjectId." If "tbl_NotificationRule.FailRuleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@InitialDelay

Property Name	Value
Description:	The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.InitialDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.InitialDelay." If "tbl_NotificationRule.InitialDelay" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@NotificationDeviceObjectId

Property Name	Value
Description:	The unique identifier of the NotificationDevice object to use.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.NotificationDeviceObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.NotificationDeviceObjectId." If "tbl_NotificationRule.NotificationDeviceObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationRule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.ObjectId." If "tbl_NotificationRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@RepeatInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait before re-notifying a subscriber of new messages.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.RepeatInterval
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.RepeatInterval." If "tbl_NotificationRule.RepeatInterval" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RepeatNotify

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection begins a notification process immediately upon the arrival of each message that matches the specified criteria.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.RepeatNotify
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.RepeatNotify." If "tbl_NotificationRule.RepeatNotify" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object that specifies the schedule for this notification rule.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.ScheduleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.ScheduleSetObjectId." If "tbl_NotificationRule.ScheduleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.SubscriberObjectId." If "tbl_NotificationRule.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.204. csp_NotificationRuleCriteriaCreate

Creates a new NotificationRuleCriteria object by inserting a new row into tbl_NotificationRuleCriteria. A NotificationRuleCriteria object specifies the criteria that will trigger a notification rule.

Additional Information

The parameters @NotificationCriteria and @NotificationRuleObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@NotificationCriteria	In	inherit	int (4 bytes)	The criteria under which a notification rule will run, such as when there is a pending voice mail message.
Required	@NotificationRuleObjectId	In	inherit	char (36 characters)	The unique identifier of the NotificationRule object for which this criteria applies.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_NotificationRuleCriteriaCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@NotificationCriteria and @NotificationRuleObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NotificationCriteria

Property Name	Value
Description:	The criteria under which a notification rule will run, such as when there is a pending voice mail message.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationRuleCriteria.NotificationCriteria
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	NotificationRuleCriteria
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRuleCriteria.NotificationCriteria." If "tbl_NotificationRuleCriteria.NotificationCriteria" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NotificationRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object for which this criteria applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRuleCriteria.NotificationRuleObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRuleCriteria.NotificationRuleObjectId." If "tbl_NotificationRuleCriteria.NotificationRuleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.205. csp_NotificationRuleCriteriaDelete

Deletes a NotificationRuleCriteria object from tbl_NotificationRuleCriteria as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@NotificationCriteria	In	inherit	int (4 bytes)	The criteria under which a notification rule will run, such as when there is a pending voice mail message.
Required	@NotificationRuleObjectId	In	inherit	char (36 characters)	The unique identifier of the NotificationRule object for which this criteria applies.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_NotificationRuleCriteriaDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@NotificationCriteria and @NotificationRuleObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified NotificationRuleCriteria object was not found. The names of the object (Notification rule criteria), table (tbl_NotificationRuleCriteria), and columns (NotificationCriteria and NotificationRuleObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_NotificationRuleCriteria), and the columns (NotificationCriteria and NotificationRuleObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NotificationCriteria

Property Name	Value
Description:	The criteria under which a notification rule will run, such as when there is a pending voice mail message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRuleCriteria.NotificationCriteria
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	NotificationRuleCriteria
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRuleCriteria.NotificationCriteria." If "tbl_NotificationRuleCriteria.NotificationCriteria" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NotificationRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object for which this criteria applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRuleCriteria.NotificationRuleObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRuleCriteria.NotificationRuleObjectId." If "tbl_NotificationRuleCriteria.NotificationRuleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.206. csp_NotificationRuleEventCreate

Creates a new NotificationRuleEvent object by inserting a new row into tbl_NotificationRuleEvent. A NotificationRuleEvent object specifies the message notification event for a notification rule that triggers notification rule.

Additional Information

The parameters @NotificationEvent and @NotificationRuleObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@NotificationEvent	In	inherit	int (4 bytes)	The actual event to enable for a notification rule, such as for the first urgent voice mail message.
Required	@NotificationRuleObjectId	In	inherit	char (36 characters)	The unique identifier of the NotificationRule object for which this event applies.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_NotificationRuleEventCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@NotificationEvent and @NotificationRuleObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@NotificationEvent

Property Name	Value
Description:	The actual event to enable for a notification rule, such as for the first urgent voice mail message.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationRuleEvent.NotificationEvent
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	NotificationRuleEvent
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRuleEvent.NotificationEvent." If "tbl_NotificationRuleEvent.NotificationEvent" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NotificationRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object for which this event applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRuleEvent.NotificationRuleObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRuleEvent.NotificationRuleObjectId." If "tbl_NotificationRuleEvent.NotificationRuleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.207. csp_NotificationRuleEventDelete

Deletes a NotificationRuleEvent object from tbl_NotificationRuleEvent as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@NotificationEvent	In	inherit	int (4 bytes)	The actual event to enable for a notification rule, such as for the first urgent voice mail message.
Required	@NotificationRuleObjectId	In	inherit	char (36 characters)	The unique identifier of the NotificationRule object for which this event applies.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_NotificationRuleEventDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@NotificationEvent and @NotificationRuleObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified NotificationRuleEvent object was not found. The names of the object (Notification rule event), table (tbl_NotificationRuleEvent), and columns (NotificationEvent and NotificationRuleObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_NotificationRuleEvent), and the columns (NotificationEvent and NotificationRuleObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NotificationEvent

Property Name	Value
Description:	The actual event to enable for a notification rule, such as for the first urgent voice mail message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRuleEvent.NotificationEvent
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	NotificationRuleEvent
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRuleEvent.NotificationEvent." If "tbl_NotificationRuleEvent.NotificationEvent" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NotificationRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object for which this event applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRuleEvent.NotificationRuleObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRuleEvent.NotificationRuleObjectId." If "tbl_NotificationRuleEvent.NotificationRuleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.208. csp_NotificationRuleModify

Updates the attributes of a NotificationRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the NotificationRule object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a NotificationRule object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The text name for this notification rule to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@FailRuleObjectId	In	inherit	char (36 characters)	The unique identifier of the NotificationRule object that Cisco Unity Connection will run if attempted notification to the device specified in this rule fails.
Optional	@InitialDelay	In	inherit	int (4 bytes)	The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).
Optional	@NotificationDeviceObjectId	In	inherit	char (36 characters)	The unique identifier of the NotificationDevice object to use.
Optional	@RepeatInterval	In	inherit	int (4 bytes)	The amount of time (in minutes) Cisco Unity Connection will wait before re-notifying a subscriber of new messages.
Optional	@RepeatNotify	In	inherit	smallint (2 bytes)	A flag indicting whether Cisco Unity Connection begins a notification process immediately upon the arrival of each message that matches the specified criteria.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ScheduleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the ScheduleSet object that specifies the schedule for this notification rule.
Optional	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this notification rule belongs.

Exceptions

csp_NotificationRuleModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified NotificationRule object was not found. The names of the object (Notification rule), table (tbl_NotificationRule), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The text name for this notification rule to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	Not relevant since there can only be one notification rule per notification device.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.DisplayName." If "tbl_NotificationRule.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FailRuleObjectId

Property Name	Value
Description:	The unique identifier of the NotificationRule object that Cisco Unity Connection will run if attempted notification to the device specified in this rule fails.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.FailRuleObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.FailRuleObjectId." If "tbl_NotificationRule.FailRuleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@InitialDelay

Property Name	Value
Description:	The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.InitialDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.InitialDelay." If "tbl_NotificationRule.InitialDelay" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@NotificationDeviceObjectId

Property Name	Value
Description:	The unique identifier of the NotificationDevice object to use.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.NotificationDeviceObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.NotificationDeviceObjectId." If "tbl_NotificationRule.NotificationDeviceObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectID

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a NotificationRule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.ObjectId." If "tbl_NotificationRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@RepeatInterval

Property Name	Value
Description:	The amount of time (in minutes) Cisco Unity Connection will wait before re-notifying a subscriber of new messages.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_NotificationRule.RepeatInterval
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.RepeatInterval." If "tbl_NotificationRule.RepeatInterval" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RepeatNotify

Property Name	Value
Description:	A flag indicting whether Cisco Unity Connection begins a notification process immediately upon the arrival of each message that matches the specified criteria.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.RepeatNotify
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.RepeatNotify." If "tbl_NotificationRule.RepeatNotify" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object that specifies the schedule for this notification rule.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.ScheduleSetObjectId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.ScheduleSetObjectId." If "tbl_NotificationRule.ScheduleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this notification rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_NotificationRule.SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_NotificationRule.SubscriberObjectId." If "tbl_NotificationRule.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.209. csp_PersonalContactCreate

Creates a new PersonalContact object for a user by inserting a new row into tbl_PersonalContact.

Additional Information

The parameter @UserObjectId must be provided.

DisplayName is no longer required parameter. See CSCsh41143.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object to which this personal contact belongs.
Optional	@AltFirstName	In	inherit	nvarchar (64 characters)	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Optional	@AltLastName	In	inherit	nvarchar (64 characters)	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The client matter code to transmit to Call Manger when any of the phone numbers for this contact are dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of this personal contact in a groupware package (for synchronization).
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of the personal contact to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@EmailAddress	In	inherit	lvarchar (320 characters)	The e-mail address (outbound) of the personal contact.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of a personal contact. Not their surname nor middle name.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of a personal contact, by which a person is commonly known.
Optional	@NickName	In	inherit	nvarchar (64 characters)	The name a user might give for a particular personal contact name that might be hard to pronounce or how they often refer to someone (i.e. Nicholas might be Nick).
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalContact object.

Exceptions

csp_PersonalContactCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DisplayName and @UserObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AltFirstName

Property Name	Value
Description:	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.AltFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.AltFirstName." If "tbl_PersonalContact.AltFirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AltLastName

Property Name	Value
Description:	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.AltLastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.AltLastName." If "tbl_PersonalContact.AltLastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when any of the phone numbers for this contact are dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.ClientMatterCode." If "tbl_PersonalContact.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of this personal contact in a groupware package (for synchronization).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.DirectoryId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.DirectoryId." If "tbl_PersonalContact.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of the personal contact to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.DisplayName." If "tbl_PersonalContact.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EmailAddress

Property Name	Value
Description:	The e-mail address (outbound) of the personal contact.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.EmailAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	EmailAddress
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.EmailAddress." If "tbl_PersonalContact.EmailAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of a personal contact. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.FirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.FirstName." If "tbl_PersonalContact.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of a personal contact, by which a person is commonly known.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.LastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.LastName." If "tbl_PersonalContact.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@NickName

Property Name	Value
Description:	The name a user might give for a particular personal contact name that might be hard to pronounce or how they often refer to someone (i.e. Nicholas might be Nick).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.NickName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.NickName." If "tbl_PersonalContact.NickName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalContact object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.ObjectId." If "tbl_PersonalContact.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this personal contact belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.UserObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.UserObjectId." If "tbl_PersonalContact.UserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.210. csp_PersonalContactDelete

Deletes a PersonalContact object from tbl_PersonalContact as specified by the @ObjectId parameter.

Additional Information

This stored procedure will also delete any existing phones for this PersonalContact from the tbl_PersonalContactPhone table.

If this PersonalContact is a member of a PersonalGroup, its membership in the group will be removed (i.e. all rows in tbl_PersonalGroupMember matching specified PersonalContact.ObjectId are deleted). If this PersonalContact has any associated PersonaRuleCaller objects, they are also removed from tbl_PersonalRuleCaller.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalContact object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalContactDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalContact object was not found. The names of the object (Personal contact), table (tbl_PersonalContact), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalContact), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalContact object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.ObjectId." If "tbl_PersonalContact.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.211. csp_PersonalContactModify

Updates the attributes of a PersonalContact object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalContact object that is updated.

Additional Information

The owner (i.e. User) of a personal contact cannot be changed once it has been created.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalContact object.
Optional	@AltFirstName	In	inherit	nvarchar (64 characters)	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Optional	@AltLastName	In	inherit	nvarchar (64 characters)	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The client matter code to transmit to Call Manger when any of the phone numbers for this contact are dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of this personal contact in a groupware package (for synchronization).
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of the personal contact to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@EmailAddress	In	inherit	lvarchar (320 characters)	The e-mail address (outbound) of the personal contact.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of a personal contact. Not their surname nor middle name.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of a personal contact, by which a person is commonly known.
Optional	@NickName	In	inherit	nvarchar (64 characters)	The name a user might give for a particular personal contact name that might be hard to pronounce or how they often refer to someone (i.e. Nicholas might be Nick).

Exceptions

csp_PersonalContactModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalContact object was not found. The names of the object (Personal contact), table (tbl_PersonalContact), and column (ObjectId) are included with the exception message.

Parameter Properties

@AltFirstName

Property Name	Value
Description:	Alternate spelling of a contact's first name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.AltFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.AltFirstName." If "tbl_PersonalContact.AltFirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AltLastName

Property Name	Value
Description:	Alternate spelling of a contact's last name in an internationally recognizable format (i.e., ASCII only characters) used for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.AltLastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.AltLastName." If "tbl_PersonalContact.AltLastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when any of the phone numbers for this contact are dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.ClientMatterCode." If "tbl_PersonalContact.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of this personal contact in a groupware package (for synchronization).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.DirectoryId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.DirectoryId." If "tbl_PersonalContact.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of the personal contact to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.DisplayName." If "tbl_PersonalContact.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EmailAddress

Property Name	Value
Description:	The e-mail address (outbound) of the personal contact.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.EmailAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	EmailAddress
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.EmailAddress." If "tbl_PersonalContact.EmailAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of a personal contact. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.FirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.FirstName." If "tbl_PersonalContact.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of a personal contact, by which a person is commonly known.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.LastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.LastName." If "tbl_PersonalContact.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@NickName

Property Name	Value
Description:	The name a user might give for a particular personal contact name that might be hard to pronounce or how they often refer to someone (i.e. Nicholas might be Nick).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.NickName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.NickName." If "tbl_PersonalContact.NickName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalContact object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_PersonalContact.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContact.ObjectId." If "tbl_PersonalContact.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.212. csp_PersonalContactPhoneCreate

Creates a new PhoneNumber object for a PersonContact by inserting a new row into tbl_PersonalContactPhone.

Additional Information

The parameters @PhoneNumber, @Phonetype, and @PersonalContactObjectId must be provided.

The phone number doesn't have to be unique within the user's personal group.

Business Rules

The phone number doesn't have to be unique within the user's personal group.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@PersonalContactObjectId	In	inherit	char (36 characters)	The unique identifier of the PersonalContact object to which this phone number belongs.
Required	@PhoneNumber	In	inherit	varchar (255 characters)	The phone number.
Required	@PhoneType	In	inherit	smallint (2 bytes)	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DialablePhoneNumber	In	inherit	varchar (255 characters)	Dialable version of the phone number, including any special codes for outside access if needed.
Optional	@SearchablePhoneNumber	In	inherit	varchar (255 characters)	Phone number without formatting or any dial codes. A basic form suitable for searching on.

Exceptions

csp_PersonalContactPhoneCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@PersonalContactObjectId, @PhoneNumber, and @PhoneType) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DialablePhoneNumber

Property Name	Value
Description:	Dialable version of the phone number, including any special codes for outside access if needed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.DialablePhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DialablePhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.DialablePhoneNumber." If "tbl_PersonalContactPhone.DialablePhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the PersonalContact object to which this phone number belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.PersonalContactObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.PersonalContactObjectId." If "tbl_PersonalContactPhone.PersonalContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PhoneNumber

Property Name	Value
Description:	The phone number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.PhoneNumber
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	PhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.PhoneNumber." If "tbl_PersonalContactPhone.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PhoneType

Property Name	Value
Description:	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.PhoneType
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	PhoneType
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.PhoneType." If "tbl_PersonalContactPhone.PhoneType" can be NULL, then explicit NULL is allowed.
Default Value:	3
Direction:	In
Update Column Value From Parameter:	True

@SearchablePhoneNumber

Property Name	Value
Description:	Phone number without formatting or any dial codes. A basic form suitable for searching on.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.SearchablePhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	PhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.SearchablePhoneNumber." If "tbl_PersonalContactPhone.SearchablePhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.213. csp_PersonalContactPhoneDelete

Deletes a PersonalContactPhone object from tbl_PersonalContactPhone as specified by the @PersonalObjectId and @PhoneType parameters.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@PersonalContactObjectId	In	inherit	char (36 characters)	The unique identifier of the PersonalContact object to which this phone number belongs.
Required	@PhoneType	In	inherit	smallint (2 bytes)	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalContactPhoneDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@PersonalContactObjectId and @PhoneType) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalContactPhone object was not found. The names of the object (Personal contact phone), table (tbl_PersonalContactPhone), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalContactPhone), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the PersonalContact object to which this phone number belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.PersonalContactObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.PersonalContactObjectId." If "tbl_PersonalContactPhone.PersonalContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@PhoneType

Property Name	Value
Description:	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.PhoneType
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	PhoneType
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.PhoneType." If "tbl_PersonalContactPhone.PhoneType" can be NULL, then explicit NULL is allowed.
Default Value:	3
Direction:	In
Update Column Value From Parameter:	True

6.214. csp_PersonalContactPhoneModify

Updates the attributes of a PersonalContactPhone object based on the values passed in via the parameters. The @PersonalContactObjectId, @PhoneNumber, and @PhoneType parameters identify the PersonalContactPhone object that is updated.

Additional Information

The owner of a phone number (PersonalContact) cannot be modified.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@PersonalContactObjectId	In	inherit	char (36 characters)	The unique identifier of the PersonalContact object to which this phone number belongs.
Required	@PhoneNumber	In	inherit	varchar (255 characters)	The phone number.
Required	@PhoneType	In	inherit	smallint (2 bytes)	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DialablePhoneNumber	In	inherit	varchar (255 characters)	Dialable version of the phone number, including any special codes for outside access if needed.
Optional	@SearchablePhoneNumber	In	inherit	varchar (255 characters)	Phone number without formatting or any dial codes. A basic form suitable for searching on.

Exceptions

csp_PersonalContactPhoneModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@PersonalContactObjectId, @PhoneNumber, and @PhoneType) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalContactPhone object was not found. The names of the object (Personal contact phone), table (tbl_PersonalContactPhone), and columns (PersonalContactObjectId, PhoneType) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DialablePhoneNumber

Property Name	Value
Description:	Dialable version of the phone number, including any special codes for outside access if needed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.DialablePhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DialablePhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.DialablePhoneNumber." If "tbl_PersonalContactPhone.DialablePhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the PersonalContact object to which this phone number belongs.
Notes:	The owner of a phone number (PersonalContact) cannot be modified.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.PersonalContactObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.PersonalContactObjectId." If "tbl_PersonalContactPhone.PersonalContactObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@PhoneNumber

Property Name	Value
Description:	The phone number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.PhoneNumber
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	PhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.PhoneNumber." If "tbl_PersonalContactPhone.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PhoneType

Property Name	Value
Description:	The type of phone to which this number applies. For example: "Home," "Business," "Mobile," etc.
Notes:	This parameter needs to be passed in but in can also be modified.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.PhoneType
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	PhoneType
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.PhoneType." If "tbl_PersonalContactPhone.PhoneType" can be NULL, then explicit NULL is allowed.
Default Value:	3
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@SearchablePhoneNumber

Property Name	Value
Description:	Phone number without formatting or any dial codes. A basic form suitable for searching on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalContactPhone.SearchablePhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	PhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalContactPhone.SearchablePhoneNumber." If "tbl_PersonalContactPhone.SearchablePhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.215. csp_PersonalDestinationCreate

Creates a new PersonalDestination object for a user by inserting a new row into tbl_PersonalDestination.

Additional Information

The parameters @Name, @PhoneNumber and @SubscriberObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Name	In	inherit	nvarchar (64 characters)	The unique text name of the personal destination to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Required	@PhoneNumber	In	inherit	nvarchar (40 characters)	The phone number of the destination.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this destination belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallPickupTimeout	In	inherit	int (4 bytes)	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Optional	@DetectTransferLoop	In	inherit	smallint (2 bytes)	A flag indicating whether Unity can do a loop detect transfer to this device.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestination object.
Optional	@TransmitForcedAuthorizationCode	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should transmit a Forced Authorization Code (FAC) to Cisco Unified Communications Manager after this number is dialed during an outbound call.

Exceptions

csp_PersonalDestinationCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Name, @PhoneNumber, and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.CallPickupTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.CallPickupTimeout." If "tbl_PersonalDestination.CallPickupTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DetectTransferLoop

Property Name	Value
Description:	A flag indicating whether Unity can do a loop detect transfer to this device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.DetectTransferLoop
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.DetectTransferLoop." If "tbl_PersonalDestination.DetectTransferLoop" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The unique text name of the personal destination to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.Name
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.Name." If "tbl_PersonalDestination.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestination object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.ObjectId." If "tbl_PersonalDestination.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PhoneNumber

Property Name	Value
Description:	The phone number of the destination.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.PhoneNumber
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.PhoneNumber." If "tbl_PersonalDestination.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this destination belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.SubscriberObjectId." If "tbl_PersonalDestination.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should transmit a Forced Authorization Code (FAC) to Cisco Unified Communications Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.TransmitForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.TransmitForcedAuthorizationCode." If "tbl_PersonalDestination.TransmitForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.216. csp_PersonalDestinationDelete

Deletes a PersonalDestination object from tbl_PersonalDestination as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestination object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalDestinationDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalDestination object was not found. The names of the object (Personal destination), table (tbl_PersonalDestination), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalDestination), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestination object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.ObjectId." If "tbl_PersonalDestination.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.217. csp_PersonalDestinationGroupCreate

Creates a new PersonalDestinationGroup object for a user by inserting a new row into tbl_PersonalDestinationGroup.

Additional Information

The parameters @Name and @SubscriberObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Name	In	inherit	nvarchar (64 characters)	The unique text name of the personal destination group to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this personal destination group belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroup object.

Exceptions

csp_PersonalDestinationGroupCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Name and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The unique text name of the personal destination group to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroup.Name
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroup.Name." If "tbl_PersonalDestinationGroup.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroup.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroup.ObjectId." If "tbl_PersonalDestinationGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this personal destination group belongs.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroup.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroup.SubscriberObjectId." If "tbl_PersonalDestinationGroup.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.218. csp_PersonalDestinationGroupDelete

Deletes a PersonalDestinationGroup object from tbl_PersonalDestinationGroup as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroup object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalDestinationGroupDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalDestinationGroup object was not found. The names of the object (Personal destination group), table (tbl_PersonalDestinationGroup), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalDestinationGroup), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroup object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroup.ObjectId." If "tbl_PersonalDestinationGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.219. csp_PersonalDestinationGroupItemCreate

Creates a new PersonalDestinationGroupItem object by inserting a new row into tbl_PersonalDestinationGroupItem.

Additional Information

The parameters @ItemIndex and @PersonalDestinationGroupObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ItemIndex	In	inherit	smallint (2 bytes)	The order in which the destinations in a group will be used. The order is from the lowest number to the highest.
Required	@PersonalDestinationGroupObjectId	In	inherit	char (36 characters)	The unique identifier of the PersonalDestinationGroup to which this member belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DestDtmfAccessIdObjectId	In	inherit	char (36 characters)	The destination for this personal rule. If the destination is a DtmfAccessId, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId. Otherwise, this attribute is set to NULL.
Optional	@DestNotificationDeviceObjectId	In	inherit	char (36 characters)	The destination for this personal rule. If the destination is a notification device, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice. Otherwise, this attribute is set to NULL.
Optional	@DestPersonalDestinationObjectId	In	inherit	char (36 characters)	The destination for this personal rule. If the destination is another personal destination object, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DestPhoneNumberObjectId	In	inherit	char (36 characters)	The destination for this personal rule. If the destination is a phone number, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber. Otherwise, this attribute is set to NULL.
Optional	@ObjectId	Out	inherit	char (36 characters)	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.

Exceptions

csp_PersonalDestinationGroupItemCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@ItemIndex and @PersonalDestinationGroupObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DestDtmfAccessIdObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a DtmfAccessId, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroupItem.DestDtmfAccessIdObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroupItem.DestDtmfAccessIdObjectId." If "tbl_PersonalDestinationGroupItem.DestDtmfAccessIdObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestNotificationDeviceObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a notification device, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroupItem.DestNotificationDeviceObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroupItem.DestNotificationDeviceObjectId." If "tbl_PersonalDestinationGroupItem.DestNotificationDeviceObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestPersonalDestinationObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is another personal destination object, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroupItem.DestPersonalDestinationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroupItem.DestPersonalDestinationObjectId." If "tbl_PersonalDestinationGroupItem.DestPersonalDestinationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestPhoneNumberObjectId

Property Name	Value
Description:	The destination for this personal rule. If the destination is a phone number, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroupItem.DestPhoneNumberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroupItem.DestPhoneNumberObjectId." If "tbl_PersonalDestinationGroupItem.DestPhoneNumberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ItemIndex

Property Name	Value
Description:	The order in which the destinations in a group will be used. The order is from the lowest number to the highest.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroupItem.ItemIndex
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroupItem.ItemIndex." If "tbl_PersonalDestinationGroupItem.ItemIndex" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroupItem.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroupItem.ObjectId." If "tbl_PersonalDestinationGroupItem.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PersonalDestinationGroupObjectId

Property Name	Value
Description:	The unique identifier of the PersonalDestinationGroup to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroupItem.PersonalDestinationGroupObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroupItem.PersonalDestinationGroupObjectId." If "tbl_PersonalDestinationGroupItem.PersonalDestinationGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.220. csp_PersonalDestinationGroupItemDelete

Deletes a PersonalDestinationGroupItem object from tbl_PersonalDestinationGroupItem as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalDestinationGroupItemDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalDestinationGroupItem object was not found. The names of the object (Personal destination group item), table (tbl_PersonalDestinationGroupItem), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalDestinationGroupItem), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroupItem.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroupItem.ObjectId." If "tbl_PersonalDestinationGroupItem.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.221. csp_PersonalDestinationGroupItemModify

Updates the attributes of a PersonalDestinationGroupItem object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalDestinationGroupItem object that is updated.

Additional Information

This procedure does not update the properties of the Dest* columns of tbl_PersonalDestinationGroupItem.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ItemIndex	In	inherit	smallint (2 bytes)	The order in which the destinations in a group will be used. The order is from the lowest number to the highest.

Exceptions

csp_PersonalDestinationGroupItemModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalDestinationGroupItem object was not found. The names of the object (Personal destination group item), table (tbl_PersonalDestinationGroupItem), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ItemIndex

Property Name	Value
Description:	The order in which the destinations in a group will be used. The order is from the lowest number to the highest.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroupItem.ItemIndex
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroupItem.ItemIndex." If "tbl_PersonalDestinationGroupItem.ItemIndex" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The surrogate key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroupItem object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroupItem.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroupItem.ObjectId." If "tbl_PersonalDestinationGroupItem.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.222. csp_PersonalDestinationGroupModify

Updates the attributes of a PersonalDestinationGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalDestinationGroup object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroup object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Name	In	inherit	nvarchar (64 characters)	The unique text name of the personal destination group to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Optional	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this personal destination group belongs.

Exceptions

csp_PersonalDestinationGroupModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalDestinationGroup object was not found. The names of the object (Personal destination group), table (tbl_PersonalDestinationGroup), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The unique text name of the personal destination group to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroup.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroup.Name." If "tbl_PersonalDestinationGroup.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestinationGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroup.ObjectId." If "tbl_PersonalDestinationGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this personal destination group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestinationGroup.SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestinationGroup.SubscriberObjectId." If "tbl_PersonalDestinationGroup.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.223. csp_PersonalDestinationModify

Updates the attributes of a PersonalDestination object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalDestination object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestination object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallPickupTimeout	In	inherit	int (4 bytes)	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Optional	@DetectTransferLoop	In	inherit	smallint (2 bytes)	A flag indicating whether Unity can do a loop detect transfer to this device.
Optional	@Name	In	inherit	nvarchar (64 characters)	The unique text name of the personal destination to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Optional	@PhoneNumber	In	inherit	nvarchar (40 characters)	The phone number of the destination.
Optional	@TransmitForcedAuthorizationCode	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should transmit a Forced Authorization Code (FAC) to Cisco Unified Communications Manager after this number is dialed during an outbound call.

Exceptions

csp_PersonalDestinationModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalDestination object was not found. The names of the object (Personal destination), table (tbl_PersonalDestination), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.CallPickupTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.CallPickupTimeout." If "tbl_PersonalDestination.CallPickupTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DetectTransferLoop

Property Name	Value
Description:	A flag indicating whether Unity can do a loop detect transfer to this device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.DetectTransferLoop
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.DetectTransferLoop." If "tbl_PersonalDestination.DetectTransferLoop" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The unique text name of the personal destination to be used when displaying entries for administrative purposes such as in Cisco Personal Communications Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.Name." If "tbl_PersonalDestination.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalDestination object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.ObjectId." If "tbl_PersonalDestination.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PhoneNumber

Property Name	Value
Description:	The phone number of the destination.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.PhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.PhoneNumber." If "tbl_PersonalDestination.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should transmit a Forced Authorization Code (FAC) to Cisco Unified Communications Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalDestination.TransmitForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalDestination.TransmitForcedAuthorizationCode." If "tbl_PersonalDestination.TransmitForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.224. csp_PersonalGroupCreate

Creates a new PersonalGroup object for a user by inserting a new row into tbl_PersonalGroup. A PersonalGroup can contain users, personal contacts, other personal groups, and even distribution lists. To create a "personal voicemail list," use csp_PersonalVoiceMailListCreate.

Additional Information

The parameters @Alias, @DisplayName, and @UserObjectId must be provided.

An Alias object is created in the tbl_Alias table by calling csp_AliasCreate. To ensure that the alias for a PersonalGroup is unique, it is constructed as follows:

<UserAlias> + '_' + <PersonalGroupObjectId>. UserAlias is truncated to 28 characters to avoid overflow.

The Alias.SmtpAddress property is formed <UserAlias> + '_' + 'List' + '_' + <NumericId> + '@' + <Domain>. For example, if JSmith creates a PersonalGroup with NumericId of 1, the SmtpAddress would be: JSmith_List_1@cisco.com

If the @VoiceName is provided, a stream file is also created.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object to which this group belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsVoiceMailList	In	inherit	smallint (2 bytes)	A flag indicating whether this a voice mail distribution list.
Optional	@NumericId	In	inherit	nvarchar (4 characters)	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group,
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Optional	@VoiceName	In	ignore	varchar (40 characters)	Voice file to use for this personal group (if voice name has already been recorded).

Exceptions

csp_PersonalGroupCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DisplayName, @Alias, and @UserObjectId) is NULL. The name of the missing parameter is included with the exception message.
1120	EXCEPTION_PERSONALGROUP_NUMERICID_DUPLICATE	The NumericId as specified by @NumericId already exists for the User specified by @UserObjectId. The NumericId of a personal voice mail list must be unique for the user to which it belongs.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.DisplayName." If "tbl_PersonalGroup.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsVoiceMailList

Property Name	Value
Description:	A flag indicating whether this a voice mail distribution list.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.IsVoiceMailList
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.IsVoiceMailList." If "tbl_PersonalGroup.IsVoiceMailList" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@NumericId

Property Name	Value
Description:	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group,
Notes:	If @NumericID is not NULL, @NumericId is appended to the user's alias to generate the SMTPAddress for the personal group.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.NumericId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (4 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.NumericId." If "tbl_PersonalGroup.NumericId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.ObjectId." If "tbl_PersonalGroup.ObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object to which this group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.UserId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.UserId." If "tbl_PersonalGroup.UserId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for this personal group (if voice name has already been recorded).
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.225. csp_PersonalGroupDelete

Deletes a PersonalGroup object from tbl_PersonalGroup as specified by the @ObjectId parameter.

Additional Information

Member mappings in tbl_PersonalGroupMember will automatically be deleted (SQL cascade delete). Also any member mappings where this group is the member of another group will automatically be deleted.

The Alias associated with this PersonalGroup will be deleted from tbl_Alias. Also if a stream file exists for this PersonalGroup, it will be deleted from tbl_StreamFile.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalGroupDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalGroup object was not found. The names of the object (PersonalGroup), table (tbl_PersonalGroup), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalGroup), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.ObjectId." If "tbl_PersonalGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.226. csp_PersonalGroupMemberCreate

Adds a new member (user, personal contact, distribution list, or another personal group) by inserting a new row into tbl_PersonalGroupMember.

Additional Information

The parameter @PersonalGroupObjectId must be provided. In addition, one of the following parameters must also be provided:

- @MemberUserObjectId
- @MemberDistributionListObjectId
- @MemberPersonalContactObjectId
- @MemberPersonalGroupObjectId

One of the @Member* parameters must contain a valid member, while the remaining @Member* parameters contains a value of NULL.

This procedure executes csp_PersonalGroupMemberSetRebuild, which rebuilds a flattened list of members.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@PersonalGroupObjectId	In	inherit	char (36 characters)	The unique identifier of the PersonalGroup object to which this member belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@MemberContactObjectId	In	inherit	char (36 characters)	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.
Optional	@MemberDistributionListObjectId	In	inherit	char (36 characters)	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set ot NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MemberPersonalContactObjectId	In	inherit	char (36 characters)	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set to NULL.
Optional	@MemberPersonalGroupObjectId	In	inherit	char (36 characters)	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.
Optional	@MemberUserObjectId	In	inherit	char (36 characters)	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set to NULL.
Optional	@ObjectId	Out	inherit	char (36 characters)	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.

Exceptions

csp_PersonalGroupMemberCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	There are two conditions that cause this exception to be thrown: 1. The value of the required parameter @PersonalGroupObjectId is NULL. The name of the missing parameter is included with the exception message. 2. From csp_PersonalGroupMemberSetRebuild - The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1035	EXCEPTION_OBJECT_INVALID_OWNER	The user does not own the personal contact.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MemberContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set to NULL.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberContactObjectId." If "tbl_PersonalGroupMember.MemberContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberDistributionListObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set of NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberDistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberDistributionListObjectId." If "tbl_PersonalGroupMember.MemberDistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberPersonalContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a personal contact, the unique identifier of the corresponding PersonalContact object in tbl_PersonalContact. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberPersonalContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberPersonalContactObjectId." If "tbl_PersonalGroupMember.MemberPersonalContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberPersonalGroupObjectId

Property Name	Value
Description:	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberPersonalGroupObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberPersonalGroupObjectId." If "tbl_PersonalGroupMember.MemberPersonalGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberUserObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberUserObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberUserObjectId." If "tbl_PersonalGroupMember.MemberUserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.ObjectId." If "tbl_PersonalGroupMember.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PersonalGroupObjectId

Property Name	Value
Description:	The unique identifier of the PersonalGroup object to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.PersonalGroupObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.PersonalGroupObjectId." If "tbl_PersonalGroupMember.PersonalGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.227. csp_PersonalGroupMemberDelete

Deletes a PersonalGroupMember object from tbl_PersonalGroupMember as specified by the @ObjectId parameter.

Additional Information

This procedure executes csp_PersonalGroupMemberSetRebuild, which rebuilds a flattened list of members.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalGroupMemberDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	There are two conditions that cause this exception to be thrown: 1. The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message. 2. From csp_PersonalGroupMemberSetRebuild - The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalGroupMember object was not found. The names of the object (Personal group member), table (tbl_PersonalGroupMember), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalGroupMember), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.ObjectId." If "tbl_PersonalGroupMember.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.228. csp_PersonalGroupModify

Updates the attributes of a PersonalGroup object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.

Additional Information

If the @VoiceName is provided, a check is made to determine if a stream file already exists for this PersonalGroup. If a stream file does exist, it is deleted, and then a new stream file is created. Otherwise a new stream file is created.

Note that this procedure does not update the Alias in tbl_Alias.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@IsVoiceMailList	In	inherit	smallint (2 bytes)	A flag indicating whether this a voice mail distribution list.
Optional	@NumericId	In	inherit	nvarchar (4 characters)	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group,
Optional	@VoiceName	In	explicit	varchar (40 characters)	New voice file to use for this personal group.

Exceptions

csp_PersonalGroupModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalGroup object was not found. The names of the object (PersonalGroup), table (tbl_PersonalGroup), and column (ObjectId) are included with the exception message.
1120	EXCEPTION_PERSONALGROUP_NUMERICID_DUPLICATE	The NumericId as specified by @NumericId already exists for the User specified by @UserObjectId. The NumericId of a personal voice mail list must be unique for the user to which it belongs.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.DisplayName." If "tbl_PersonalGroup.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsVoiceMailList

Property Name	Value
Description:	A flag indicating whether this a voice mail distribution list.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.IsVoiceMailList
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.IsVoiceMailList." If "tbl_PersonalGroup.IsVoiceMailList" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@NumericId

Property Name	Value
Description:	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group,
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.NumericId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (4 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.NumericId." If "tbl_PersonalGroup.NumericId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.ObjectId." If "tbl_PersonalGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@VoiceName

Property Name	Value
Description:	New voice file to use for this personal group.
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will remove the existing voice file and accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.229. csp_PersonalRuleCallerCreate

Creates a new PersonalRuleCaller object for a subscriber by inserting a new row into tbl_PersonalRuleCaller.

Additional Information

The parameters @PersonalRuleObjectId and @SubscriberObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@PersonalRuleObjectId	In	inherit	char (36 characters)	The unique identifier of the PersonalRule object associated with this caller.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this personal rule caller belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallerANI	In	inherit	nvarchar (40 characters)	The phone number of the caller (i.e., Caller ID) for callers that don't already exist elsewhere in the Cisco Unity Connection database.
Optional	@CallerContactObjectId	In	inherit	char (36 characters)	The unique identifier of a Contact object.
Optional	@CallerPersonalContactObjectId	In	inherit	char (36 characters)	The unique identifier of the a PersonalContact object.
Optional	@CallerPersonalGroupObjectId	In	inherit	char (36 characters)	The unique identifier of a PersonalGroup object
Optional	@CallerUserObjectId	In	inherit	char (36 characters)	The unique identifier of a User object.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleCaller object.

Exceptions

csp_PersonalRuleCallerCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@PersonalRuleObjectId and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallerANI

Property Name	Value
Description:	The phone number of the caller (i.e., Caller ID) for callers that don't already exist elsewhere in the Cisco Unity Connection database.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.CallerANI
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.CallerANI." If "tbl_PersonalRuleCaller.CallerANI" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CallerContactObjectId

Property Name	Value
Description:	The unique identifier of a Contact object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.CallerContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.CallerContactObjectId." If "tbl_PersonalRuleCaller.CallerContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@CallerPersonalContactObjectId

Property Name	Value
Description:	The unique identifier of the a PersonalContact object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.CallerPersonalContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.CallerPersonalContactObjectId." If "tbl_PersonalRuleCaller.CallerPersonalContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CallerPersonalGroupObjectId

Property Name	Value
Description:	The unique identifier of a PersonalGroup object
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.CallerPersonalGroupObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.CallerPersonalGroupObjectId." If "tbl_PersonalRuleCaller.CallerPersonalGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CallerUserObjectId

Property Name	Value
Description:	The unique identifier of a User object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.CallerUserObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.CallerUserObjectId." If "tbl_PersonalRuleCaller.CallerUserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleCaller object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.ObjectId." If "tbl_PersonalRuleCaller.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PersonalRuleObjectId

Property Name	Value
Description:	The unique identifier of the PersonalRule object associated with this caller.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.PersonalRuleObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.PersonalRuleObjectId." If "tbl_PersonalRuleCaller.PersonalRuleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this personal rule caller belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.SubscriberObjectId." If "tbl_PersonalRuleCaller.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.230. csp_PersonalRuleCallerDelete

Deletes a PersonalRuleCaller object from tbl_PersonalRuleCaller as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleCaller object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalRuleCallerDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalRuleCaller object was not found. The names of the object (Personal rule caller), table (tbl_PersonalRuleCaller), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalRuleCaller), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleCaller object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.ObjectId." If "tbl_PersonalRuleCaller.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.231. csp_PersonalRuleCallerModify

Updates the CallerANI property of a PersonalRuleCaller object based on the value passed in via the parameters. The @ObjectId parameter identifies the PersonalRuleCaller object that is updated.

Additional Information

Only updates the CallerANI column in tbl_PersonalRuleCaller.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleCaller object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallerANI	In	inherit	nvarchar (40 characters)	The phone number of the caller (i.e., Caller ID) for callers that don't already exist elsewhere in the Cisco Unity Connection database.

Exceptions

csp_PersonalRuleCallerModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalRuleCaller object was not found. The names of the object (Personal rule caller), table (tbl_PersonalRuleCaller), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallerANI

Property Name	Value
Description:	The phone number of the caller (i.e., Caller ID) for callers that don't already exist elsewhere in the Cisco Unity Connection database.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.CallerANI
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.CallerANI." If "tbl_PersonalRuleCaller.CallerANI" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleCaller object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleCaller.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleCaller.ObjectId." If "tbl_PersonalRuleCaller.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.232. csp_PersonalRuleCreate

Creates a new PersonalRule object for a subscriber by inserting a new row into tbl_PersonalRule.

Additional Information

The parameters @PersonalRuleSetObjectId, @RuleIndex, and @SubscriberObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@PersonalRuleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the PersonalRuleSet object to which this personal rule belongs.
Required	@RuleIndex	In	inherit	smallint (2 bytes)	The order in which rules within a rule set are executed.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this rule belongs.
Optional	@AlwaysTriggerPage	In	inherit	smallint (2 bytes)	A flag indicating whether the rule should always trigger a pager notification device associated with this rule.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The client matter code (CMC) to transmit to Cisco Unified Communications Manager when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign accounting or billing codes to the call.
Optional	@DestCallActionObjectId	In	inherit	char (36 characters)	The unique identifier of the CallAction object used to route the call.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DestDtmfAccessIdObjectId	In	inherit	char (36 characters)	The destination (DtmfAccessId) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId.
Optional	@DestNotificationDeviceObjectId	In	inherit	char (36 characters)	The destination (NotificationDevice) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice.
Optional	@DestPersonalDestinationGroupObjectId	In	inherit	char (36 characters)	The destination (PersonalDestinationGroup) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestinationGroup object in tbl_PersonalDestinationGroup.
Optional	@DestPersonalDestinationObjectId	In	inherit	char (36 characters)	The destination (PersonalDestination) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination.
Optional	@DestPhoneNumberObjectId	In	inherit	char (36 characters)	The destination (PhoneNumber) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber.
Optional	@InMeeting	In	inherit	smallint (2 bytes)	A flag indicating whether the rule is triggered depending on whether the subscriber is in a meeting or not.
Optional	@IsInclusive	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should AND or OR the different types of rules defined in tbl_PersonalRuleCaller for a subscriber.
Optional	@IsInternal	In	inherit	smallint (2 bytes)	A flag indicating whether the rule should trigger based on whether the caller is internal or external.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.
Optional	@RingAllDestinationsAtOnce	In	inherit	smallint (2 bytes)	A flag indicating whether all rule destinations should be dialed simultaneously or sequentially.
Optional	@ScreenCall	In	inherit	smallint (2 bytes)	A flag indicating whether the incoming call should be screened.
Optional	@TimeRangeEnd	In	inherit	int (4 bytes)	The end time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.
Optional	@TimeRangeIndicatesActiveHours	In	inherit	int (4 bytes)	The definition for how a time range should be utilized.
Optional	@TimeRangeStart	In	inherit	int (4 bytes)	The start time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.

Exceptions

csp_PersonalRuleCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@PersonalRuleSetObjectId, @RuleIndex, and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AlwaysTriggerPage

Property Name	Value
Description:	A flag indicating whether the rule should always trigger a pager notification device associated with this rule.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.AlwaysTriggerPage
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.AlwaysTriggerPage." If "tbl_PersonalRule.AlwaysTriggerPage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The client matter code (CMC) to transmit to Cisco Unified Communications Manager when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign accounting or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.ClientMatterCode." If "tbl_PersonalRule.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object used to route the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestCallActionObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestCallActionObjectId." If "tbl_PersonalRule.DestCallActionObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestDtmfAccessIdObjectId

Property Name	Value
Description:	The destination (DtmfAccessId) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestDtmfAccessIdObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestDtmfAccessIdObjectId." If "tbl_PersonalRule.DestDtmfAccessIdObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestNotificationDeviceObjectId

Property Name	Value
Description:	The destination (NotificationDevice) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestNotificationDeviceObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestNotificationDeviceObjectId." If "tbl_PersonalRule.DestNotificationDeviceObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestPersonalDestinationGroupObjectId

Property Name	Value
Description:	The destination (PersonalDestinationGroup) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestinationGroup object in tbl_PersonalDestinationGroup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestPersonalDestinationGroupObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestPersonalDestinationGroupObjectId." If "tbl_PersonalRule.DestPersonalDestinationGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestPersonalDestinationObjectId

Property Name	Value
Description:	The destination (PersonalDestination) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestPersonalDestinationObjectId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestPersonalDestinationObjectId." If "tbl_PersonalRule.DestPersonalDestinationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestPhoneNumberObjectId

Property Name	Value
Description:	The destination (PhoneNumber) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestPhoneNumberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestPhoneNumberObjectId." If "tbl_PersonalRule.DestPhoneNumberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@InMeeting

Property Name	Value
Description:	A flag indicating whether the rule is triggered depending on whether the subscriber is in a meeting or not.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_PersonalRule.InMeeting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RuleMeetingCondition
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.InMeeting." If "tbl_PersonalRule.InMeeting" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsInclusive

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should AND or OR the different types of rules defined in tbl_PersonalRuleCaller for a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.IsInclusive
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RuleCallerInclusiveCondition
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.IsInclusive." If "tbl_PersonalRule.IsInclusive" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsInternal

Property Name	Value
Description:	A flag indicating whether the rule should trigger based on whether the caller is internal or external.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.IsInternal
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RuleCallerInternalCondition
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.IsInternal." If "tbl_PersonalRule.IsInternal" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.ObjectId." If "tbl_PersonalRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PersonalRuleSetObjectId

Property Name	Value
Description:	The unique identifier of the PersonalRuleSet object to which this personal rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.PersonalRuleSetObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.PersonalRuleSetObjectId." If "tbl_PersonalRule.PersonalRuleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@RingAllDestinationsAtOnce

Property Name	Value
Description:	A flag indicating whether all rule destinations should be dialed simultaneously or sequentially.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.RingAllDestinationsAtOnce
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.RingAllDestinationsAtOnce." If "tbl_PersonalRule.RingAllDestinationsAtOnce" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RuleIndex

Property Name	Value
Description:	The order in which rules within a rule set are executed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.RuleIndex
Required/Optional Parameter:	Required
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.RuleIndex." If "tbl_PersonalRule.RuleIndex" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ScreenCall

Property Name	Value
Description:	A flag indicating whether the incoming call should be screened.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.ScreenCall
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.ScreenCall." If "tbl_PersonalRule.ScreenCall" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.SubscriberObjectId." If "tbl_PersonalRule.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@TimeRangeEnd

Property Name	Value
Description:	The end time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.TimeRangeEnd
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.TimeRangeEnd." If "tbl_PersonalRule.TimeRangeEnd" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeRangeIndicatesActiveHours

Property Name	Value
Description:	The definition for how a time range should be utilized.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.TimeRangeIndicatesActiveHours
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	PersonalRuleTimeRangeType
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.TimeRangeIndicatesActiveHours." If "tbl_PersonalRule.TimeRangeIndicatesActiveHours" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TimeRangeStart

Property Name	Value
Description:	The start time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.TimeRangeStart
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.TimeRangeStart." If "tbl_PersonalRule.TimeRangeStart" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.233. csp_PersonalRuleDelete

Deletes a PersonalRule object from tbl_PersonalRule as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalRuleDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalRule object was not found. The names of the object (Personal rule), table (tbl_PersonalRule), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalRule), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.ObjectId." If "tbl_PersonalRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.234. csp_PersonalRuleIndexSwap

Swaps the indexes of two personal rules. The rule index controls the order in which rules will be executed within a personal rule set.

Additional Information

Clients use this to move personal rules up and down within a user's personal rules list.

The parameters @ObjectId1 and @ObjectId2 must me provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId1	In	ignore	char (36 characters)	The ObjectId of the first rule.
Required	@ObjectId2	In	ignore	char (36 characters)	The ObjectId of the second rule.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalRuleIndexSwap will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@ObjectId1 and @ObjectId2) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalRule object was not found. The names of the object (Routing Rule), table (tbl_PersonalRule), and column (ObjectId1 or ObjectId2) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId1

Property Name	Value
Description:	The ObjectId of the first rule.
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectID2

Property Name	Value
Description:	The ObjectID of the second rule.
Notes:	An ObjectID is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.235. csp_PersonalRuleModify

Updates the attributes of a PersonalRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalRule object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.
Optional	@AlwaysTriggerPage	In	inherit	smallint (2 bytes)	A flag indicating whether the rule should always trigger a pager notification device associated with this rule.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The client matter code (CMC) to transmit to Cisco Unified Communications Manager when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign accounting or billing codes to the call.
Optional	@DestCallActionObjectId	In	inherit	char (36 characters)	The unique identifier of the CallAction object used to route the call.
Optional	@DestDtmfAccessIdObjectId	In	inherit	char (36 characters)	The destination (DtmfAccessId) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DestNotificationDeviceObjectId	In	inherit	char (36 characters)	The destination (NotificationDevice) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice.
Optional	@DestPersonalDestinationGroupObjectId	In	inherit	char (36 characters)	The destination (PersonalDestinationGroup) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestinationGroup object in tbl_PersonalDestinationGroup.
Optional	@DestPersonalDestinationObjectId	In	inherit	char (36 characters)	The destination (PersonalDestination) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination.
Optional	@DestPhoneNumberObjectId	In	inherit	char (36 characters)	The destination (PhoneNumber) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber.
Optional	@InMeeting	In	inherit	smallint (2 bytes)	A flag indicating whether the rule is triggered depending on whether the subscriber is in a meeting or not.
Optional	@IsInclusive	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should AND or OR the different types of rules defined in tbl_PersonalRuleCaller for a subscriber.
Optional	@IsInternal	In	inherit	smallint (2 bytes)	A flag indicating whether the rule should trigger based on whether the caller is internal or external.
Optional	@RingAllDestinationsAtOnce	In	inherit	smallint (2 bytes)	A flag indicating whether all rule destinations should be dialed simultaneously or sequentially.
Optional	@RuleIndex	In	inherit	smallint (2 bytes)	The order in which rules within a rule set are executed.
Optional	@ScreenCall	In	inherit	smallint (2 bytes)	A flag indicating whether the incoming call should be screened.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TimeRangeEnd	In	inherit	int (4 bytes)	The end time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.
Optional	@TimeRangeIndicatesActiveHours	In	inherit	int (4 bytes)	The definition for how a time range should be utilized.
Optional	@TimeRangeStart	In	inherit	int (4 bytes)	The start time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.

Exceptions

csp_PersonalRuleModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalRule object was not found. The names of the object (Personal rule), table (tbl_PersonalRule), and column (ObjectId) are included with the exception message.

Parameter Properties

@AlwaysTriggerPage

Property Name	Value
Description:	A flag indicating whether the rule should always trigger a pager notification device associated with this rule.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.AlwaysTriggerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.AlwaysTriggerPage." If "tbl_PersonalRule.AlwaysTriggerPage" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The client matter code (CMC) to transmit to Cisco Unified Communications Manager when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign accounting or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.ClientMatterCode." If "tbl_PersonalRule.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object used to route the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestCallActionObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestCallActionObjectId." If "tbl_PersonalRule.DestCallActionObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestDtmfAccessIdObjectId

Property Name	Value
Description:	The destination (DtmfAccessId) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding DtmfAccessId object in tbl_DtmfAccessId.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestDtmfAccessIdObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestDtmfAccessIdObjectId." If "tbl_PersonalRule.DestDtmfAccessIdObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestNotificationDeviceObjectId

Property Name	Value
Description:	The destination (NotificationDevice) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding NotificationDevice object in tbl_NotificationDevice.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestNotificationDeviceObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestNotificationDeviceObjectId." If "tbl_PersonalRule.DestNotificationDeviceObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestPersonalDestinationGroupObjectId

Property Name	Value
Description:	The destination (PersonalDestinationGroup) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestinationGroup object in tbl_PersonalDestinationGroup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestPersonalDestinationGroupObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestPersonalDestinationGroupObjectId." If "tbl_PersonalRule.DestPersonalDestinationGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestPersonalDestinationObjectId

Property Name	Value
Description:	The destination (PersonalDestination) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PersonalDestination object in tbl_PersonalDestination.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestPersonalDestinationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestPersonalDestinationObjectId." If "tbl_PersonalRule.DestPersonalDestinationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DestPhoneNumberObjectId

Property Name	Value
Description:	The destination (PhoneNumber) to which Cisco Unity Connection should route an incoming call to the subscriber. Specifically, the unique identifier of the corresponding PhoneNumber object in tbl_PhoneNumber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.DestPhoneNumberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.DestPhoneNumberObjectId." If "tbl_PersonalRule.DestPhoneNumberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@InMeeting

Property Name	Value
Description:	A flag indicating whether the rule is triggered depending on whether the subscriber is in a meeting or not.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.InMeeting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RuleMeetingCondition
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.InMeeting." If "tbl_PersonalRule.InMeeting" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsInclusive

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should AND or OR the different types of rules defined in tbl_PersonalRuleCaller for a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.IsInclusive
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RuleCallerInclusiveCondition
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.IsInclusive." If "tbl_PersonalRule.IsInclusive" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsInternal

Property Name	Value
Description:	A flag indicating whether the rule should trigger based on whether the caller is internal or external.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.IsInternal
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RuleCallerInternalCondition
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.IsInternal." If "tbl_PersonalRule.IsInternal" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRule object.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.ObjectId." If "tbl_PersonalRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@RingAllDestinationsAtOnce

Property Name	Value
Description:	A flag indicating whether all rule destinations should be dialed simultaneously or sequentially.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.RingAllDestinationsAtOnce
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.RingAllDestinationsAtOnce." If "tbl_PersonalRule.RingAllDestinationsAtOnce" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RuleIndex

Property Name	Value
Description:	The order in which rules within a rule set are executed.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_PersonalRule.RuleIndex
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.RuleIndex." If "tbl_PersonalRule.RuleIndex" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ScreenCall

Property Name	Value
Description:	A flag indicating whether the incoming call should be screened.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.ScreenCall
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.ScreenCall." If "tbl_PersonalRule.ScreenCall" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TimeRangeEnd

Property Name	Value
Description:	The end time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.TimeRangeEnd
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.TimeRangeEnd." If "tbl_PersonalRule.TimeRangeEnd" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeRangeIndicatesActiveHours

Property Name	Value
Description:	The definition for how a time range should be utilized.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.TimeRangeIndicatesActiveHours
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	PersonalRuleTimeRangeType
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.TimeRangeIndicatesActiveHours." If "tbl_PersonalRule.TimeRangeIndicatesActiveHours" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TimeRangeStart

Property Name	Value
Description:	The start time for the time range in which this rule is either enabled or disabled, depending on the value of TimeRangeIndicatedActiveHours.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRule.TimeRangeStart
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRule.TimeRangeStart." If "tbl_PersonalRule.TimeRangeStart" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.236. csp_PersonalRuleSetCreate

Creates a new PersonalRuleSet object for a subscriber by inserting a new row into tbl_PersonalRuleSet.

Additional Information

The parameters @Name and @SubscriberObjectId must be provided.

If @VoiceName is passed in, this procedure will also add a voice name (file name in tbl_StreamFile) by executing csp_StreamFileModify.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Name	In	inherit	nvarchar (64 characters)	The unique text name of the personal rule set to be used when displaying entries in Cisco Personal Communications Assistant.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber object to which this rule set belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether this rule set is enabled.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleSet object.
Optional	@ScheduleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the ScheduleSet object that indicates the operational hours for this rule set. (If the personal rule set is operational for a particular time period.)
Optional	@VoiceName	In	ignore	varchar (40 characters)	Voice file to use for this personal rule set (if voice name has already been recorded).

Exceptions

csp_PersonalRuleSetCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Name and @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether this rule set is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleSet.IsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleSet.IsEnabled." If "tbl_PersonalRuleSet.IsEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The unique text name of the personal rule set to be used when displaying entries in Cisco Personal Communications Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleSet.Name
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleSet.Name." If "tbl_PersonalRuleSet.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleSet object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleSet.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleSet.ObjectId." If "tbl_PersonalRuleSet.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object that indicates the operational hours for this rule set. (If the personal rule set is operational for a particular time period.)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleSet.ScheduleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleSet.ScheduleSetObjectId." If "tbl_PersonalRuleSet.ScheduleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber object to which this rule set belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleSet.SubscriberObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleSet.SubscriberObjectId." If "tbl_PersonalRuleSet.SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for this personal rule set (if voice name has already been recorded).
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.237. csp_PersonalRuleSetDelete

Deletes a PersonalRuleSet object from tbl_PersonalRuleSet as specified by the @ObjectId parameter.

Additional Information

If this personal rule set owns any schedule sets or schedules, this procedure will delete the schedule set (executes csp_ScheduleSetDelete) and schedule(s) (executes csp_ScheduleDelete) belonging to this personal rule set.

If this personal rule set has a recorded voice name (i.e., file name in tbl_StreamFile), this procedure will delete the voice name by executing csp_StreamFileDelete.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleSet object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalRuleSetDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PersonalRuleSet object was not found. The names of the object (Personal rule set), table (tbl_PersonalRuleSet), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalRuleSet), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleSet object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleSet.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleSet.ObjectId." If "tbl_PersonalRuleSet.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.238. csp_PersonalRuleSetModify

Updates the attributes of a PersonalRuleSet object based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalRuleSet object that is updated.

Additional Information

A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will remove the existing voice file (executes csp_StreamFileDelete) and accept the new voice file (executes csp_StreamFileModify).

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleSet object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether this rule set is enabled.
Optional	@Name	In	inherit	nvarchar (64 characters)	The unique text name of the personal rule set to be used when displaying entries in Cisco Personal Communications Assistant.
Optional	@ScheduleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the ScheduleSet object that indicates the operational hours for this rule set. (If the personal rule set is operational for a particular time period.)
Optional	@VoiceName	In	explicit	varchar (40 characters)	New voice file to use for this rule set.

Exceptions

csp_PersonalRuleSetModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalRuleSet object was not found. The names of the object (Personal rule set), table (tbl_PersonalRuleSet), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)

Property Name	Value
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether this rule set is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleSet.IsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleSet.IsEnabled." If "tbl_PersonalRuleSet.IsEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The unique text name of the personal rule set to be used when displaying entries in Cisco Personal Communications Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleSet.Name
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleSet.Name." If "tbl_PersonalRuleSet.Name" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalRuleSet object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleSet.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleSet.ObjectId." If "tbl_PersonalRuleSet.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object that indicates the operational hours for this rule set. (If the personal rule set is operational for a particular time period.)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalRuleSet.ScheduleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalRuleSet.ScheduleSetObjectId." If "tbl_PersonalRuleSet.ScheduleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	New voice file to use for this rule set.
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will remove the existing voice file and accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.239. csp_PersonalVoiceMailListCreate

Creates a new personal voicemail list for a user by inserting a new row into tbl_PersonalGroup. A "personal voicemail list" is a personal group that contains only Cisco Unity Connection subscribers ("IsVoiceMailList" == 1). It is used for addressing messages, either via the TUI or CPCA.

Additional Information

A personal voicemail list can contain subscribers, system distribution lists, or other personal voicemail lists.

The parameters @Alias, @DisplayName, @NumericId, and @UserObjectId must be provided.

An Alias object is created in the tbl_Alias table by calling csp_AliasCreate. The Alias is created by prepending only the first 28 characters of the user's alias (so as not to exceed the 64 character maximum of tbl_Alias.Alias) to the objectid of this personal group.

If the @VoiceName is provided, a stream file is also created.

This procedure executes csp_PersonalGroupCreate to create the PersonalGroup.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object to which this group belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@NumericId	In	ignore	nvarchar (4 characters)	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Optional	@VoiceName	In	ignore	varchar (40 characters)	Voice file to use for this personal voice mail list (if voice name has already been recorded).

Exceptions

csp_PersonalVoiceMailListCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@DisplayName, @Alias, @NumericId, and @UserObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.DisplayName." If "tbl_PersonalGroup.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NumericId

Property Name	Value
Description:	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group,
Notes:	If @NumericID is not NULL, @NumericId is appended to the user's alias to generate the SMTPAddress for the personal group.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.NumericId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (4 characters)
Custom Type:	

Property Name	Value
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Objectld

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.Objectld
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.Objectld." If "tbl_PersonalGroup.Objectld" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@UserObjectld

Property Name	Value
Description:	The unique identifier of the User object to which this group belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.UserObjectld
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.UserObjectld." If "tbl_PersonalGroup.UserObjectld" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for this personal voice mail list (if voice name has already been recorded).
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.240. csp_PersonalVoiceMailListDelete

Deletes a PersonalGroup object from tbl_PersonalGroup as specified by the @ObjectId parameter.

Additional Information

Member mappings in tbl_PersonalGroupMember will automatically be deleted (SQL cascade delete). Also any member mappings where this group is the member of another group will automatically be deleted.

The Alias associated with this PersonalGroup will be deleted from tbl_Alias. Also if a stream file exists for this PersonalGroup, it will be deleted from tbl_StreamFile.

If the specified instance of a PersonalGroup object is successfully deleted, this stored procedure returns success (0).

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalVoiceMailListDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	<p>There are two conditions that can cause an Object Not Found exception to be thrown:</p> <ol style="list-style-type: none"> 1. The specified PersonalGroup object was not found. The names of the object (PersonalGroup), table (tbl_PersonalGroup), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalGroup), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.ObjectId." If "tbl_PersonalGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.241. csp_PersonalVoiceMailListMemberCreate

Adds a member (subscriber, distribution list, or another personal voicemail list) to a personal voicemail list by inserting a new row into tbl_PersonalGroupMember.

Additional Information

The parameter @PersonalVoiceMailListObjectId must be provided. In addition, one of the following parameters must also be provided:

- @MemberSubscriberObjectId
- @MemberDistributionListObjectId
- @MemberPersonalGroupObjectId

One of the @Member* parameters must contain a valid member, while the remaining @Member* parameters contains a value of NULL.

This procedure executes csp_PersonalGroupMemberCreate to create the member.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@PersonalVoiceMailListObjectId	In	inherit	char (36 characters)	The unique identifier of the PersonalGroup object to which this member belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@MemberContactObjectId	In	inherit	char (36 characters)	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set to NULL.
Optional	@MemberDistributionListObjectId	In	inherit	char (36 characters)	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MemberPersonalVoiceMailListObjectId	In	inherit	char (36 characters)	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set ot NULL.
Optional	@MemberSubscriberObjectId	In	inherit	char (36 characters)	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set ot NULL.
Optional	@ObjectId	Out	inherit	char (36 characters)	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.

Exceptions

csp_PersonalVoiceMailListMemberCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	There are two conditions that cause this exception to be thrown: 1. The value of the required parameter @PersonalVoiceMailListObjectId is NULL. The name of the missing parameter is included with the exception message. 2. From csp_PersonalGroupMemberSetRebuild - The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified MemberSubscriberObjectId was not found, and is therefore not a subscriber. The names of the object (Subscriber), table (tbl_UserSubscriber), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	

Property Name	Value
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MemberContactObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a system contact, the unique identifier of the corresponding Contact object in tbl_Contact. Otherwise, this attribute is set ot NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberContactObjectId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberContactObjectId." If "tbl_PersonalGroupMember.MemberContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberDistributionListObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a distribution list, the unique identifier of the corresponding DistributionList object in tbl_DistributionList. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberDistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberDistributionListObjectId." If "tbl_PersonalGroupMember.MemberDistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberPersonalVoiceMailListObjectId

Property Name	Value
Description:	The member of this personal group. If the member is another personal group, the unique identifier of the corresponding PersonalGroup object in tbl_PersonalGroup. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberPersonalGroupId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberPersonalGroupId." If "tbl_PersonalGroupMember.MemberPersonalGroupId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MemberSubscriberObjectId

Property Name	Value
Description:	The member of this personal group. If the member is a user, the unique identifier of the corresponding User object in tbl_User. Otherwise, this attribute is set ot NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.MemberUserObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.MemberUserObjectId." If "tbl_PersonalGroupMember.MemberUserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.ObjectId." If "tbl_PersonalGroupMember.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@PersonalVoiceMailListObjectId

Property Name	Value
Description:	The unique identifier of the PersonalGroup object to which this member belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.PersonalGroupObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.PersonalGroupObjectId." If "tbl_PersonalGroupMember.PersonalGroupObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.242. csp_PersonalVoiceMailListMemberDelete

Deletes a personal voicemail list member (PersonalGroupMember object) specified by the @ObjectId parameter from tbl_PersonalGroupMember.

Additional Information

This procedure executes csp_PersonalGroupMemberDelete to delete the member.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PersonalVoiceMailListMemberDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	There are two conditions that cause this exception to be thrown: 1. The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message. 2. From csp_PersonalGroupMemberSetRebuild - The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	<p>There are two conditions that can cause an Object Not Found exception to be thrown:</p> <ol style="list-style-type: none"> 1. From csp_PersonalGroupMemberDelete - The specified PersonalGroupMember was not found. The names of the object (Personal group member), table (tbl_PersonalGroupMember), and column (ObjectId) are included with the exception message. 2. From csp_PersonalGroupMemberDelete - The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PersonalGroupMember), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Surrogate key. A globally unique, system-generated identifier for a PersonalGroupMember object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroupMember.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroupMember.ObjectId." If "tbl_PersonalGroupMember.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.243. csp_PersonalVoiceMailListModify

Updates the attributes of a personal voicemail list (PersonalGroup object) based on the values passed in via the parameters. The @ObjectId parameter identifies the PersonalGroup object that is updated.

Additional Information

This procedure executes csp_PersonalGroupModify to update the PersonalGroup attributes.

If the @VoiceName is provided, a check is made to determine if a stream file already exists for this PersonalGroup. If a stream file does exist, it is deleted, and then a new stream file is created. Otherwise a new stream file is created.

Note that this procedure does not update the Alias in tbl_Alias.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@NumericId	In	inherit	nvarchar (4 characters)	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group.
Optional	@VoiceName	In	explicit	varchar (40 characters)	New voice file to use for this personal voice mail list.

Exceptions

csp_PersonalVoiceMailListModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PersonalGroup object was not found. The names of the object (PersonalGroup), table (tbl_PersonalGroup), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)

Property Name	Value
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the group to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.DisplayName." If "tbl_PersonalGroup.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NumericId

Property Name	Value
Description:	If being used as a personal voicemail list (i.e., "private" voicemail list), the numeric identifier for the personal group,
Notes:	
Business Rules:	@NumericId is appended to the user's alias to generate the alias for the personal group.
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.NumericId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (4 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.NumericId." If "tbl_PersonalGroup.NumericId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PersonalGroup object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PersonalGroup.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PersonalGroup.ObjectId." If "tbl_PersonalGroup.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@VoiceName

Property Name	Value
Description:	New voice file to use for this personal voice mail list.
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.244. csp_PhoneNumberCreate

Creates a new PhoneNumber object for a user such as "Home Phone" by inserting a new row into tbl_PhoneNumber.

Additional Information

The parameter @PhoneNumber must be provided. Either @Owner_ContactObjectId or @Owner_UserObjectId must be passed in to the procedure.

If @DialablePhoneNumber is not passed in to the procedure, it is set to the same value as @PhoneNumber.

This procedure will not create a PhoneNumber object if a duplicate phone number with Autologon set already exists. Also, a new PhoneNumber object cannot be created if the number already exists in tbl_DtmfAccessId.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@PhoneNumber	In	inherit	varchar (255 characters)	A phone number.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@AutoLogon	In	inherit	smallint (2 bytes)	A flag indicating whether the phone number can be used for automatically logging on the caller.
Optional	@CallPickupTimeout	In	inherit	smallint (2 bytes)	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The client matter code to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Optional	@DialablePhoneNumber	In	ignore	varchar (255 characters)	A dialable version of the PhoneNumber column.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the phone number to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PhoneNumber object.
Optional	@Owner_ContactObjectId	In	inherit	char (36 characters)	The object to which this phone number belongs. If the phone number belongs to a Contact, the unique identifier of the Contact object to which this phone number belongs. Otherwise, this attribute is set to NULL.
Optional	@Owner_UserObjectId	In	inherit	char (36 characters)	The object to which this phone number belongs. If the phone number belongs to a User, the unique identifier of the User object to which this phone number belongs. Otherwise, this attribute is set to NULL.
Optional	@PhoneType	In	inherit	smallint (2 bytes)	A well-defined name for the phone number, such as "Home," "Business," "Mobile," etc.
Optional	@SearchablePhoneNumber	In	inherit	varchar (255 characters)	Phone number without formatting or any dial codes. A basic form suitable for searching on.
Optional	@TransmitForcedAuthorizationCode	In	inherit	smallint (2 bytes)	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.

Exceptions

csp_PhoneNumberCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @PhoneNumber is NULL. The name of the missing parameter is included with the exception message.
1024	EXCEPTION_AUTOLOGON_PHONENUMBER_DUPLICATE	A duplicate phone number with AutoLogon set to true (1) already exists.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AutoLogon

Property Name	Value
Description:	A flag indicating whether the phone number can be used for automatically logging on the caller.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.AutoLogon
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.AutoLogon." If "tbl_PhoneNumber.AutoLogon" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.CallPickupTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.CallPickupTimeout." If "tbl_PhoneNumber.CallPickupTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.ClientMatterCode." If "tbl_PhoneNumber.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DialablePhoneNumber

Property Name	Value
Description:	A dialable version of the PhoneNumber column.
Notes:	If @DialablePhoneNumber is not passed in to the procedure, it is set to the same value as @PhoneNumber.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.DialablePhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DialablePhoneNumber
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the phone number to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.DisplayName." If "tbl_PhoneNumber.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PhoneNumber object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.ObjectId." If "tbl_PhoneNumber.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Owner_ContactObjectId

Property Name	Value
Description:	The object to which this phone number belongs. If the phone number belongs to a Contact, the unique identifier of the Contact object to which this phone number belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	Either @Owner_ContactObjectId or @Owner_UserObjectId must be passed in to the procedure.
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_PhoneNumber.Owner_ContactObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.Owner_ContactObjectId." If "tbl_PhoneNumber.Owner_ContactObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Owner_UserObjectId

Property Name	Value
Description:	The object to which this phone number belongs. If the phone number belongs to a User, the unique identifier of the User object to which this phone number belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	Either @Owner_ContactObjectId or @Owner_UserObjectId must be passed in to the procedure.
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.Owner_UserObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.Owner_UserObjectId." If "tbl_PhoneNumber.Owner_UserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PhoneNumber

Property Name	Value
Description:	A phone number.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_PhoneNumber.PhoneNumber
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	PhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.PhoneNumber." If "tbl_PhoneNumber.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PhoneNumberType

Property Name	Value
Description:	A well-defined name for the phone number, such as "Home," "Business," "Mobile," etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.PhoneType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	PhoneType
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.PhoneType." If "tbl_PhoneNumber.PhoneType" can be NULL, then explicit NULL is allowed.
Default Value:	3
Direction:	In
Update Column Value From Parameter:	True

@SearchablePhoneNumber

Property Name	Value
Description:	Phone number without formatting or any dial codes. A basic form suitable for searching on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.SearchablePhoneNumber
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	PhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.SearchablePhoneNumber." If "tbl_PhoneNumber.SearchablePhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.TransmitForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.TransmitForcedAuthorizationCode." If "tbl_PhoneNumber.TransmitForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.245. csp_PhoneNumberDelete

Deletes a PhoneNumber object from tbl_PhoneNumber as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PhoneNumber object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PhoneNumberDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified PhoneNumber object was not found. The names of the object (Phone number), table (tbl_PhoneNumber), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_PhoneNumber), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PhoneNumber object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.ObjectId." If "tbl_PhoneNumber.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.246. csp_PhoneNumberModify

Updates the attributes of a PhoneNumber object based on the values passed in via the parameters. The @ObjectId parameter identifies the PhoneNumber object that is updated.

Additional Information

If @DialablePhoneNumber is not passed in to the procedure, it is set to the same value as @PhoneNumber.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a PhoneNumber object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@AutoLogon	In	inherit	smallint (2 bytes)	A flag indicating whether the phone number can be used for automatically logging on the caller.
Optional	@CallPickupTimeout	In	inherit	smallint (2 bytes)	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The client matter code to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Optional	@DialablePhoneNumber	In	inherit	varchar (255 characters)	A dialable version of the PhoneNumber column.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of the phone number to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@PhoneNumber	In	inherit	varchar (255 characters)	A phone number.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@PhoneType	In	inherit	smallint (2 bytes)	A well-defined name for the phone number, such as "Home," "Business," "Mobile," etc.
Optional	@SearchablePhoneNumber	In	inherit	varchar (255 characters)	Phone number without formatting or any dial codes. A basic form suitable for searching on.
Optional	@TransmitForcedAuthorizationCode	In	inherit	smallint (2 bytes)	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.

Exceptions

csp_PhoneNumberModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified PhoneNumber object was not found. The names of the object (Phone number), table (tbl_PhoneNumber), and column (ObjectId) are included with the exception message.
1024	EXCEPTION_AUTOLOGON_PHONENUMBER_DUPLICATE	A duplicate phone number with AutoLogon set to true (1) already exists.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AutoLogon

Property Name	Value
Description:	A flag indicating whether the phone number can be used for automatically logging on the caller.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.AutoLogon
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.AutoLogon." If "tbl_PhoneNumber.AutoLogon" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@CallPickupTimeout

Property Name	Value
Description:	The number of rings that Cisco Unity Connection will wait for a subscriber destination to answer before the call is forwarded to the next destination in the destination group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.CallPickupTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.CallPickupTimeout." If "tbl_PhoneNumber.CallPickupTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when the phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.ClientMatterCode." If "tbl_PhoneNumber.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@DialablePhoneNumber

Property Name	Value
Description:	A dialable version of the PhoneNumber column.
Notes:	If @DialablePhoneNumber is not passed in to the procedure, it is set to the same value as @PhoneNumber.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.DialablePhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DialablePhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.DialablePhoneNumber." If "tbl_PhoneNumber.DialablePhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of the phone number to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.DisplayName." If "tbl_PhoneNumber.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a PhoneNumber object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.ObjectId." If "tbl_PhoneNumber.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@PhoneNumber

Property Name	Value
Description:	A phone number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.PhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	PhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.PhoneNumber." If "tbl_PhoneNumber.PhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@PhoneType

Property Name	Value
Description:	A well-defined name for the phone number, such as "Home," "Business," "Mobile," etc.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.PhoneType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	PhoneType
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.PhoneType." If "tbl_PhoneNumber.PhoneType" can be NULL, then explicit NULL is allowed.
Default Value:	3
Direction:	In
Update Column Value From Parameter:	True

@SearchablePhoneNumber

Property Name	Value
Description:	Phone number without formatting or any dial codes. A basic form suitable for searching on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.SearchablePhoneNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	PhoneNumber
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.SearchablePhoneNumber." If "tbl_PhoneNumber.SearchablePhoneNumber" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TransmitForcedAuthorizationCode

Property Name	Value
Description:	A flag indicating whether an authorization code should be transmitted to Call Manager after this number is dialed during an outbound call.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_PhoneNumber.TransmitForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_PhoneNumber.TransmitForcedAuthorizationCode." If "tbl_PhoneNumber.TransmitForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.247. csp_PolicyCreate

Creates a new policy to give a user authorization to access a resource on a target by inserting a new row into tbl_Policy. This procedure assigns a role to a user, and then associates the policy to a target (distribution list, handler, user or VMS).

Additional Information

The parameters @RoleObjectId and @UserObjectId must be provided.

If @VmsObjectId is not provided or is NULL, it will be set objectid of the primary LocationVMS.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@RoleObjectId	In	inherit	char (36 characters)	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."
Required	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object (subject) to which this policy is assigned.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DateExpires	In	inherit	datetime (8 bytes)	The date and time the policy automatically expires. Used to limit the period of time that a policy is active.
Optional	@ObjectId	Out	inherit	char (36 characters)	Returns the unique identifier (ObjectId) of the newly created policy.
Optional	@TargetAgencyObjectId	In	inherit	char (36 characters)	The unique identifier of the Agency object to which this policy applies.
Optional	@TargetDistributionListObjectId	In	inherit	char (36 characters)	The unique identifier of the DistributionList object to which this policy applies.
Optional	@TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the Handler object to which this policy applies.
Optional	@TargetUserObjectId	In	inherit	char (36 characters)	The unique identifier of the user object to which this policy applies.
Optional	@TargetVmsObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this policy applies.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@VmsObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this policy applies.

Exceptions

csp_PolicyCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@RoleObjectId and @UserObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Role object was not found in vw_Role. The names of the object (Role), view (vw_Role), and column (ObjectId) are included with the exception message.
1051	EXCEPTION_ROLE_DISABLED	The Role specified by @RoleObjectId is disabled. The Role cannot be assigned to this policy.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DateExpires

Property Name	Value
Description:	The date and time the policy automatically expires. Used to limit the period of time that a policy is active.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.DateExpires
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.DateExpires." If "tbl_Policy.DateExpires" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Returns the unique identifier (ObjectId) of the newly created policy.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.ObjectId." If "tbl_Policy.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@RoleObjectId

Property Name	Value
Description:	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.RoleObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.RoleObjectId." If "tbl_Policy.RoleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TargetAgencyObjectId

Property Name	Value
Description:	The unique identifier of the Agency object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetAgencyObjectId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetAgencyObjectID." If "tbl_Policy.TargetAgencyObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetDistributionListObjectID

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetDistributionListObjectID
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetDistributionListObjectID." If "tbl_Policy.TargetDistributionListObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetHandlerObjectID

Property Name	Value
Description:	The unique identifier of the Handler object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetHandlerObjectID
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetHandlerObjectId." If "tbl_Policy.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetUserId

Property Name	Value
Description:	The unique identifier of the user object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetUserId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetUserId." If "tbl_Policy.TargetUserId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetVmsObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetVmsObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetVmsObjectId." If "tbl_Policy.TargetVmsObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object (subject) to which this policy is assigned.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.UserId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.UserId." If "tbl_Policy.UserId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@VmsObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	Defaults to the primary location.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetVmsObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetVmsObjectId." If "tbl_Policy.TargetVmsObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	False

6.248. csp_PolicyDelete

Deletes a Policy object from tbl_Policy as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Policy object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_PolicyDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified Policy object was not found. The names of the object (Policy), table (tbl_Policy), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Policy), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.
1313	EXCEPTION_POLICY_IS_ONLY_SYSADMIN	The policy cannot be deleted because there are no other System Administrator policies.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Policy object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.ObjectId." If "tbl_Policy.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.249. csp_PolicyModify

Updates the attributes of a Policy object based on the values passed in via the parameters. The @ObjectId parameter identifies the Policy object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Policy object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DateExpires	In	inherit	datetime (8 bytes)	The date and time the policy automatically expires. Used to limit the period of time that a policy is active.
Optional	@RoleObjectId	In	inherit	char (36 characters)	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."
Optional	@TargetAgencyObjectId	In	inherit	char (36 characters)	The unique identifier of the Agency object to which this policy applies.
Optional	@TargetDistributionListObjectId	In	inherit	char (36 characters)	The unique identifier of the DistributionList object to which this policy applies.
Optional	@TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the Handler object to which this policy applies.
Optional	@TargetUserObjectId	In	inherit	char (36 characters)	The unique identifier of the user object to which this policy applies.
Optional	@TargetVmsObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this policy applies.
Optional	@UserObjectId	In	inherit	char (36 characters)	The unique identifier of the User object (subject) to which this policy is assigned.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@VmsObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this policy applies.

Exceptions

csp_PolicyModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause this procedure to throw an Object Not Found exception: 1. The specified Policy object was not found. The names of the object (Policy), table (tbl_Policy), and column (ObjectId) are included with the exception message. 2. The specified Role object was not found in vw_Role. The names of the object (Role), view (vw_Role), and column (ObjectId) are included with the exception message. This condition occurs when the Role is disabled (tbl_Role.IsEnabled = 0).
1051	EXCEPTION_ROLE_DISABLED	The Role specified by @RoleObjectId is disabled. The Role cannot be assigned to this policy.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DateExpires

Property Name	Value
Description:	The date and time the policy automatically expires. Used to limit the period of time that a policy is active.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.DateExpires
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.DateExpires." If "tbl_Policy.DateExpires" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Policy object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.ObjectId." If "tbl_Policy.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@RoleObjectId

Property Name	Value
Description:	The unique identifier of the Role object that specifies the privileges to be granted to the subject, for the target. For example, the role could be a "Technician."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.RoleObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.RoleObjectId." If "tbl_Policy.RoleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TargetAgencyObjectId

Property Name	Value
Description:	The unique identifier of the Agency object to which this policy applies.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetAgencyObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetAgencyObjectId." If "tbl_Policy.TargetAgencyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetDistributionListObjectId

Property Name	Value
Description:	The unique identifier of the DistributionList object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetDistributionListObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetDistributionListObjectId." If "tbl_Policy.TargetDistributionListObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the Handler object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Policy.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetHandlerObjectId." If "tbl_Policy.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetUserObjectId

Property Name	Value
Description:	The unique identifier of the user object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetUserObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetUserObjectId." If "tbl_Policy.TargetUserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TargetVmsObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetVmsObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetVmsObjectId." If "tbl_Policy.TargetVmsObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@UserObjectId

Property Name	Value
Description:	The unique identifier of the User object (subject) to which this policy is assigned.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.UserId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.UserId." If "tbl_Policy.UserId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@VmsObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this policy applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Policy.TargetVmsObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Policy.TargetVmsObjectId." If "tbl_Policy.TargetVmsObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	False

6.250. csp_RestrictionPatternCreate

Creates a new RestrictionPattern object by inserting a new row into tbl_RestrictionPattern. A RestrictionPattern contains dial strings consisting of a call pattern and a setting that specifies whether numbers matching the call pattern are permitted for use.

Additional Information

The parameters @NumberPattern and @RestrictionTableObjectId must be provided.

When adding a new RestrictionPattern, the new RestrictionPattern is assigned a SequenceNumber of zero -- placed at the top of the stack. The sequence numbers for all existing RestrictionPatterns for the specified RestrictionTableobject are automatically renumbered.

Business Rules

If the SequenceNumber is not passed-in or is set to NULL, the pattern is added to the top of the list.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@NumberPattern	In	inherit	nvarchar (40 characters)	The specific numbers or patterns of numbers (including external and long-distance access codes) that can be permitted or restricted.
Required	@RestrictionTableObjectId	In	inherit	char (36 characters)	The unique identifier of the RestrictionTable object to which this restriction pattern belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Blocked	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection permits the use of dial strings matching the pattern.
Optional	@ObjectId	Out	inherit	char (36 characters)	Surrogate key for the table.
Optional	@SequenceNumber	In	inherit	smallint (2 bytes)	A sequential index for this RestrictionPattern within the parent RestrictionTable, which specifies the order in which Cisco Unity Connection will apply each call pattern.

Exceptions

csp_RestrictionPatternCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@NumberPattern and @RestrictionTableObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Blocked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection permits the use of dial strings matching the pattern.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionPattern.Blocked
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.Blocked." If "tbl_RestrictionPattern.Blocked" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@NumberPattern

Property Name	Value
Description:	The specific numbers or patterns of numbers (including external and long-distance access codes) that can be permitted or restricted.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionPattern.NumberPattern
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.NumberPattern." If "tbl_RestrictionPattern.NumberPattern" can be NULL, then explicit NULL is allowed.
Default Value:	'*'
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Surrogate key for the table.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionPattern.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.ObjectId." If "tbl_RestrictionPattern.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@RestrictionTableObjectId

Property Name	Value
Description:	The unique identifier of the RestrictionTable object to which this restriction pattern belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionPattern.RestrictionTableObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.RestrictionTableObjectId." If "tbl_RestrictionPattern.RestrictionTableObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@SequenceNumber

Property Name	Value
Description:	A sequential index for this RestrictionPattern within the parent RestrictionTable, which specifies the order in which Cisco Unity Connection will apply each call pattern.
Notes:	If NULL, it will be auto-assigned by the sproc to 0 (first).
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionPattern.SequenceNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.SequenceNumber." If "tbl_RestrictionPattern.SequenceNumber" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.251. csp_RestrictionPatternDelete

Deletes a RestrictionPattern object from tbl_RestrictionPattern as specified by the @ObjectId parameter.

Additional Information

When deleting an existing RestrictionPattern object, the SequenceNumber for all remaining RestrictionPattern objects belonging to the same RestrictionTable are automatically renumbered.

ObjectId OR (RestrictionTableObjectId,SequenceNumber) were at one time allowed, but ObjectId is now required (makes life better for SA code generator)

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Surrogate key for the table.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_RestrictionPatternDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@SequenceNumber and @RestrictionTableObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified RestrictionPattern object was not found. The names of the object (Restriction pattern), table (tbl_RestrictionPattern), and columns (SequenceNumber and RestrictionTableObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_RestrictionPattern), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Surrogate key for the table.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionPattern.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.ObjectId." If "tbl_RestrictionPattern.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.252. csp_RestrictionPatternModify

Updates the attributes of a RestrictionPattern object based on the values passed in via the parameters. The @ObjectId parameter identifies the RestrictionPattern object that is updated.

Additional Information

Note that the @RestrictionTableObjectId parameters cannot be updated.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Surrogate key for the table.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Blocked	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection permits the use of dial strings matching the pattern.
Optional	@NumberPattern	In	inherit	nvarchar (40 characters)	The specific numbers or patterns of numbers (including external and long-distance access codes) that can be permitted or restricted.
Optional	@RestrictionTableObjectId	In	inherit	char (36 characters)	*** Obsolete, do not use.
Optional	@SequenceNumber	In	inherit	smallint (2 bytes)	A sequential index for this RestrictionPattern within the parent RestrictionTable, which specifies the order in which Cisco Unity Connection will apply each call pattern.

Exceptions

csp_RestrictionPatternModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@SequenceNumber and @RestrictionTableObjectId) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	he specified RestrictionPattern object was not found. The names of the object (Restriction pattern), table (tbl_RestrictionPattern), and columns (SequenceNumber and RestrictionTableObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Blocked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection permits the use of dial strings matching the pattern.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionPattern.Blocked
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.Blocked." If "tbl_RestrictionPattern.Blocked" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@NumberPattern

Property Name	Value
Description:	The specific numbers or patterns of numbers (including external and long-distance access codes) that can be permitted or restricted.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionPattern.NumberPattern
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.NumberPattern." If "tbl_RestrictionPattern.NumberPattern" can be NULL, then explicit NULL is allowed.
Default Value:	'*'
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Surrogate key for the table.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionPattern.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.ObjectId." If "tbl_RestrictionPattern.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@RestrictionTableObjectId

Property Name	Value
Description:	*** Obsolete, do not use.
Notes:	
Business Rules:	
Developer Notes:	This cannot be changed - parameter should be removed at some point, it is not needed since we now require ObjectId as key.
Reference Table/Column:	tbl_RestrictionPattern.RestrictionTableObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.RestrictionTableObjectId." If "tbl_RestrictionPattern.RestrictionTableObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@SequenceNumber

Property Name	Value
Description:	A sequential index for this RestrictionPattern within the parent RestrictionTable, which specifies the order in which Cisco Unity Connection will apply each call pattern.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionPattern.SequenceNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionPattern.SequenceNumber." If "tbl_RestrictionPattern.SequenceNumber" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

6.253. csp_RestrictionPatternSequenceNumberSwap

Swaps the SequenceNumbers of two restriction patterns.

Additional Information

Clients use this to move restrictions up and down in the restriction table list.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId1	In	ignore	char (36 characters)	The ObjectId of the first pattern.
Required	@ObjectId2	In	ignore	char (36 characters)	The ObjectId of the second pattern.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_RestrictionPatternSequenceNumberSwap will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@ObjectId1 and @ObjectId2) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The RestrictionPattern object specified by @ObjectId1 was not found. The names of the object (Restriction pattern), table (tbl_RestrictionPattern), and parameter (ObjectId1) are included with the exception message. 2. The RestrictionPattern object specified by @ObjectId2 was not found. The names of the object (Restriction pattern), table (tbl_RestrictionPattern), and parameter (ObjectId2) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId1

Property Name	Value
Description:	The ObjectId of the first pattern.
Notes:	An ObjectId is generated using newid().

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectID2

Property Name	Value
Description:	The ObjectID of the second pattern.
Notes:	An ObjectID is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.254. csp_RestrictionTableCreate

Creates a new RestrictionTable object by inserting a new row into tbl_RestrictionTable. A RestrictionTable object is used to control which phone numbers subscribers can use for transferring calls, recording and playback by phone from Cisco Unity Connection applications, delivering faxes to a fax machine, and sending message notifications.

Additional Information

The parameter @DisplayName must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this restriction table to be used when displaying entries in the administrative console. For example, "{Default Transfer}."
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DefaultBlocked	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection permits the phone number in the case where a phone number does not match any call patterns in this restriction table.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this restriction table belongs.
Optional	@MaxDigits	In	inherit	smallint (2 bytes)	The maximum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Optional	@MinDigits	In	inherit	smallint (2 bytes)	The minimum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Undeatable	In	inherit	smallint (2 bytes)	A flag indicating whether this restriction table can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.

Exceptions

csp_RestrictionTableCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultBlocked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection permits the phone number in the case where a phone number does not match any call patterns in this restriction table.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.DefaultBlocked
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.DefaultBlocked." If "tbl_RestrictionTable.DefaultBlocked" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this restriction table to be used when displaying entries in the administrative console. For example, "{Default Transfer}."
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.DisplayName." If "tbl_RestrictionTable.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this restriction table belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.LocationObjectId." If "tbl_RestrictionTable.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxDigits

Property Name	Value
Description:	The maximum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_RestrictionTable.MaxDigits
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.MaxDigits." If "tbl_RestrictionTable.MaxDigits" can be NULL, then explicit NULL is allowed.
Default Value:	40
Direction:	In
Update Column Value From Parameter:	True

@MinDigits

Property Name	Value
Description:	The minimum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.MinDigits
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.MinDigits." If "tbl_RestrictionTable.MinDigits" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.ObjectId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.ObjectId." If "tbl_RestrictionTable.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this restriction table can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.Undeletable." If "tbl_RestrictionTable.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.255. csp_RestrictionTableDelete

Deletes a RestrictionTable object from tbl_RestrictionTable as specified by the @ObjectId parameter.

Additional Information

A check is made on the undeletable attribute. If it is set, the procedure will not allow the deletion of the restriction table.

An FK Cascade Delete constraint ensures that all tbl_RestrictionPattern rows belonging to this RestrictionTable object will be deleted.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_RestrictionTableDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified RestrictionTable object was not found. The names of the object (Restriction table), table (tbl_RestrictionTable), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_RestrictionTable), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Error #	Name	Description
1016	EXCEPTION_OBJECT_UNDELETABLE	The RestrictionTable specified by @ObjectId cannot be deleted because it's Undeletable attribute is set. The names of the object (Restriction table) and table (tbl_RestrictionTable), are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.ObjectId." If "tbl_RestrictionTable.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.256. csp_RestrictionTableEvaluate

Evaluates a phone number against a specified restriction table (and restriction patterns) to determine if it should be blocked (restricted) or not.

Additional Information

The parameters @ObjectId and @PhoneNumber must be provided.

The parameter @Blocked returns a value of 1 if the number is restricted, or 0 if the number is unrestricted.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.
Required	@PhoneNumber	In	ignore	varchar (255 characters)	Phone number to check against the specified restriction table.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Blocked	Out	ignore	smallint (2 bytes)	Indicates whether the phone number is restricted and should be blocked. Returns a value of 1 if the number is restricted, or 0 if unrestricted.

Exceptions

csp_RestrictionTableEvaluate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@ObjectId and @PhoneNumber) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified RestrictionTable object was not found. The names of the object (Restriction table), table (tbl_RestrictionTable), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Blocked

Property Name	Value
Description:	Indicates whether the phone number is restricted and should be blocked. Returns a value of 1 if the number is restricted, or 0 if unrestricted.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.ObjectId." If "tbl_RestrictionTable.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@PhoneNumber

Property Name	Value
Description:	Phone number to check against the specified restriction table.
Notes:	Length of 255 is required to support SIP format phone numbers.
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	PhoneNumber
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.257. csp_RestrictionTableModify

Updates the attributes of a RestrictionTable object based on the values passed in via the parameters. The @ObjectId parameter identifies the RestrictionTable object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DefaultBlocked	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection permits the phone number in the case where a phone number does not match any call patterns in this restriction table.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this restriction table to be used when displaying entries in the administrative console. For example, "{Default Transfer}."
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this restriction table belongs.
Optional	@MaxDigits	In	inherit	smallint (2 bytes)	The maximum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Optional	@MinDigits	In	inherit	smallint (2 bytes)	The minimum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Optional	@Undeetable	In	inherit	smallint (2 bytes)	A flag indicating whether this restriction table can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.

Exceptions

csp_RestrictionTableModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified RestrictionTable object was not found. The names of the object (Restriction table), table (tbl_RestrictionTable), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultBlocked

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection permits the phone number in the case where a phone number does not match any call patterns in this restriction table.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.DefaultBlocked
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.DefaultBlocked." If "tbl_RestrictionTable.DefaultBlocked" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this restriction table to be used when displaying entries in the administrative console. For example, "{Default Transfer}."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.DisplayName
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.DisplayName." If "tbl_RestrictionTable.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this restriction table belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.LocationObjectId." If "tbl_RestrictionTable.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxDigits

Property Name	Value
Description:	The maximum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.MaxDigits
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.MaxDigits." If "tbl_RestrictionTable.MaxDigits" can be NULL, then explicit NULL is allowed.
Default Value:	40
Direction:	In
Update Column Value From Parameter:	True

@MinDigits

Property Name	Value
Description:	The minimum number of digits in a dial string (including access codes) allowed by Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.MinDigits
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.MinDigits." If "tbl_RestrictionTable.MinDigits" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RestrictionTable object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.ObjectId." If "tbl_RestrictionTable.ObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Undeletable

Property Name	Value
Description:	A flag indicating whether this restriction table can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RestrictionTable.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_RestrictionTable.Undeletable." If "tbl_RestrictionTable.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.258. csp_RoleCreate

Creates a new Role object by inserting a new row into tbl_Role. A Role consists of a range of authorized operations for users that control access to the system.

Additional Information

The parameter @RoleName must be provided.

Cisco Unity Connection comes with a collection of predefined roles, which can be assigned to a user for a given resource. In the future, administrators will have the ability to create custom roles.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@RoleName	In	inherit	nvarchar (64 characters)	The given, unique text name of the user role. For example, "User Administrator," "Help Desk Administrator," "Technician," etc.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether the role is enabled and is available in the SA.
Optional	@ObjectId	Out	inherit	char (36 characters)	Returns the unique identifier (ObjectId) of the newly created role.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	Is role read-only?
Optional	@RoleDescription	In	inherit	lvarchar (256 characters)	A description of the purpose of this role and its assigned capabilities.

Exceptions

csp_RoleCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @RoleName is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether the role is enabled and is available in the SA.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Role.IsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Role.IsEnabled." If "tbl_Role.IsEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Returns the unique identifier (ObjectId) of the newly created role.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Role.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Role.ObjectId." If "tbl_Role.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ReadOnly

Property Name	Value
Description:	Is role read-only?
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Role.ReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Role.ReadOnly." If "tbl_Role.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RoleDescription

Property Name	Value
Description:	A description of the purpose of this role and its assigned capabilities.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Role.RoleDescription
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Role.RoleDescription." If "tbl_Role.RoleDescription" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@RoleName

Property Name	Value
Description:	The given, unique text name of the user role. For example, "User Administrator," "Help Desk Administrator," "Technician," etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Role.RoleName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Role.RoleName." If "tbl_Role.RoleName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.259. csp_RoleDelete

Deletes a Role object from tbl_Role as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Find a role by Object ID.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_RoleDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The Role object specified by @ObjectId was not found. The names of the object (Role), table (tbl_Role), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Role), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Find a role by Object ID.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Role.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Role.ObjectId." If "tbl_Role.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.260. csp_RoleEnableCVM

Enables user administration roles needed for managing Community Voice Mail (CVM) application.

Additional Information

This procedure is called by the utility that enables a standard Cisco Unity Connection system for Community Voice Mail. It is only used to enable CVM roles (CVM Administrator and CVM Case Worker).

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_RoleEnableCVM will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	A Role with a rolename beginning with 'CVM' and not enabled (IsEnable = 0) was not found. The names of the object (role), table (tbl_Role), and columns (IsEnabled, RoleName) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.261. csp_RoleModify

Updates the attributes of a Role object based on the values passed in via the parameters. The @ObjectId parameter identifies the Role object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Find role by Object ID.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether the role is enabled and is available in the SA.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	Is role read-only?
Optional	@RoleDescription	In	inherit	lvarchar (256 characters)	A description of the purpose of this role and its assigned capabilities.
Optional	@RoleName	In	inherit	nvarchar (64 characters)	The given, unique text name of the user role. For example, "User Administrator," "Help Desk Administrator," "Technician," etc.

Exceptions

csp_RoleModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The Role object specified by @ObjectId was not found. The names of the object (Role), table (tbl_Role), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether the role is enabled and is available in the SA.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Role.IsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Role.IsEnabled." If "tbl_Role.IsEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Find role by Object ID.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Role.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Role.ObjectId." If "tbl_Role.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ReadOnly

Property Name	Value
Description:	Is role read-only?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Role.ReadOnly
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Role.ReadOnly." If "tbl_Role.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RoleDescription

Property Name	Value
Description:	A description of the purpose of this role and its assigned capabilities.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Role.RoleDescription
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Role.RoleDescription." If "tbl_Role.RoleDescription" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@RoleName

Property Name	Value
Description:	The given, unique text name of the user role. For example, "User Administrator," "Help Desk Administrator," "Technician," etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Role.RoleName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Role.RoleName." If "tbl_Role.RoleName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.262. csp_RoutingRuleConditionCreate

Create a row in tbl_RoutingRuleCondition

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@OperandValue	In	inherit	varchar (64 characters)	Value of operand in condition
Required	@Operator	In	inherit	int (4 bytes)	Type of operator in this condition - equals, greater than, etc.
Required	@Parameter	In	inherit	int (4 bytes)	Type of parameter in this condition - port, calling number, etc.
Required	@RoutingRuleObjectId	In	inherit	char (36 characters)	Object Id of the routing rule this condition belongs to
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@ObjectId	Out	inherit	char (36 characters)	Unique identifier for this condition

Exceptions

csp_RoutingRuleConditionCreate does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	Unique identifier for this condition
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRuleCondition.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRuleCondition.ObjectId." If "tbl_RoutingRuleCondition.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	Out
Update Column Value From Parameter:	True

@OperandValue

Property Name	Value
Description:	Value of operand in condition
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRuleCondition.OperandValue
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRuleCondition.OperandValue." If "tbl_RoutingRuleCondition.OperandValue" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Operator

Property Name	Value
Description:	Type of operator in this condition - equals, greater than, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRuleCondition.Operator
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	RoutingRuleOperator
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRuleCondition.Operator." If "tbl_RoutingRuleCondition.Operator" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Parameter

Property Name	Value
Description:	Type of parameter in this condition - port, calling number, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRuleCondition.Parameter
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	RoutingRuleParameter
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRuleCondition.Parameter." If "tbl_RoutingRuleCondition.Parameter" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@RoutingRuleObjectId

Property Name	Value
Description:	Object Id of the routing rule this condition belongs to
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRuleCondition.RoutingRuleObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRuleCondition.RoutingRuleObjectId." If "tbl_RoutingRuleCondition.RoutingRuleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.263. csp_RoutingRuleConditionDelete

Delete a row in tbl_RoutingRuleCondition

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Unique identifier for this condition
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_RoutingRuleConditionDelete does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Unique identifier for this condition
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRuleCondition.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRuleCondition.ObjectId." If "tbl_RoutingRuleCondition.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.264. csp_RoutingRuleConditionModify

Modify a row in tbl_RoutingRuleCondition

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Unique identifier for this condition
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@OperandValue	In	inherit	varchar (64 characters)	Value of operand in condition
Optional	@Operator	In	inherit	int (4 bytes)	Type of operator in this condition - equals, greater than, etc.
Optional	@Parameter	In	inherit	int (4 bytes)	Type of parameter in this condition - port, calling number, etc.

Exceptions

csp_RoutingRuleConditionModify does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Unique identifier for this condition
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRuleCondition.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRuleCondition.ObjectId." If "tbl_RoutingRuleCondition.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@OperandValue

Property Name	Value
Description:	Value of operand in condition
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRuleCondition.OperandValue
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRuleCondition.OperandValue." If "tbl_RoutingRuleCondition.OperandValue" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Operator

Property Name	Value
Description:	Type of operator in this condition - equals, greater than, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRuleCondition.Operator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	RoutingRuleOperator
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRuleCondition.Operator." If "tbl_RoutingRuleCondition.Operator" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Parameter

Property Name	Value
Description:	Type of parameter in this condition - port, calling number, etc.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRuleCondition.Parameter
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	RoutingRuleParameter
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRuleCondition.Parameter." If "tbl_RoutingRuleCondition.Parameter" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.265. csp_RoutingRuleCreate

Creates a new RoutingRule by inserting a row into tbl_RoutingRule. The new rule is added to the top of the list.

Additional Information

The parameters @Condition and @DisplayName must be provided.

IF @Route_Action is not passed in, the default call action will be to Goto the default system directory handler and the conversation is set to the AD conversation.

Business Rules

The new rule is added to the top of the list with an RuleIndex of 0.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of the routing rule to be used when displaying entries in the administrative console. For example, the display name for the default routing rule for attempting subscriber sign-in is "Attempt Sign-In."
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallType	In	inherit	smallint (2 bytes)	The type of call.
Optional	@Flags	In	inherit	smallint (2 bytes)	A flag indicating whether the rule can be edited or deleted.
Optional	@LanguageCode	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) identifying the language Cisco Unity Connection will associate with the call.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a RoutingRule object.
Optional	@Route_Action	In	explicit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@Route_TargetConversation	In	explicit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@Route_TargetHandlerObjectId	In	explicit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@State	In	inherit	smallint (2 bytes)	The state of the rule (active, inactive, or invalid).

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Type	In	inherit	smallint (2 bytes)	The type of rule based on call type (direct, forwarded, or system).
Optional	@UseCallLanguage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the routing rule inherit language from location.

Exceptions

csp_RoutingRuleCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Condition, @DisplayName and @Route_Action) is NULL. The name of the missing parameter is included with the exception message.
1036	EXCEPTION_INVALID_ROUTING_RULE_CONDITION	The specified condition is not valid for a routing rule.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	A system configuration setting was not found. The name of the setting is included in the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallType

Property Name	Value
Description:	The type of call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.CallType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RoutingRuleCallType
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.CallType." If "tbl_RoutingRule.CallType" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of the routing rule to be used when displaying entries in the administrative console. For example, the display name for the default routing rule for attempting subscriber sign-in is "Attempt Sign-In."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.DisplayName." If "tbl_RoutingRule.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Flags

Property Name	Value
Description:	A flag indicating whether the rule can be edited or deleted.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.Flags
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RoutingRuleFlags
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.Flags." If "tbl_RoutingRule.Flags" can be NULL, then explicit NULL is allowed.
Default Value:	3
Direction:	In
Update Column Value From Parameter:	True

@LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) identifying the language Cisco Unity Connection will associate with the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.LanguageCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.LanguageCode." If "tbl_RoutingRule.LanguageCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RoutingRule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.ObjectId." If "tbl_RoutingRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Route_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Route_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Route_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@State

Property Name	Value
Description:	The state of the rule (active, inactive, or invalid).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.State
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RuleState
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.State." If "tbl_RoutingRule.State" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Type

Property Name	Value
Description:	The type of rule based on call type (direct, forwarded, or system).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.Type
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RoutingRuleType
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.Type." If "tbl_RoutingRule.Type" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.UseCallLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.UseCallLanguage." If "tbl_RoutingRule.UseCallLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the routing rule inherit language from location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.266. csp_RoutingRuleDelete

Deletes a RoutingRule object from tbl_RoutingRule as specified by the @ObjectId parameter. All rules below the one deleted are moved up in the list by one.

Additional Information

This procedure also deletes the associated call action from tbl_CallAction.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a RoutingRule object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallType	In	inherit	smallint (2 bytes)	The type of call.

Exceptions

csp_RoutingRuleDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The RoutingRule object specified by @ObjectId was not found. The names of the object (Routing rule), table (tbl_RoutingRule), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_RoutingRule), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallType

Property Name	Value
Description:	The type of call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.CallType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RoutingRuleCallType
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.CallType." If "tbl_RoutingRule.CallType" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RoutingRule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.ObjectId." If "tbl_RoutingRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.267. csp_RoutingRuleIndexSwap

Swaps the indexes of two routing rules.

Additional Information

Clients use this to move routing rules up and down the routing rules list.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId1	In	ignore	char (36 characters)	The objectid of the first rule.
Required	@ObjectId2	In	ignore	char (36 characters)	The ObjectId of the second rule.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_RoutingRuleIndexSwap will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@ObjectId1 and @ObjectId2) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The RoutingRule object specified by @ObjectId1 was not found. The names of the object (Routing rule), table (tbl_RoutingRule), and parameter (ObjectId1) are included with the exception message. 2. The RoutingRule object specified by @ObjectId2 was not found. The names of the object (Routing rule), table (tbl_RoutingRule), and parameter (ObjectId2) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId1

Property Name	Value
Description:	The objectid of the first rule.
Notes:	An ObjectId is generated using newid().

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectID2

Property Name	Value
Description:	The ObjectID of the second rule.
Notes:	An ObjectID is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.268. csp_RoutingRuleModify

Updates the attributes of a RoutingRule object based on the values passed in via the parameters. The @ObjectId parameter identifies the RoutingRule object that is updated.

Additional Information

This procedure also updates the associated call action object in tbl_CallAction.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a RoutingRule object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@CallType	In	inherit	smallint (2 bytes)	The type of call.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of the routing rule to be used when displaying entries in the administrative console. For example, the display name for the default routing rule for attempting subscriber sign-in is "Attempt Sign-In."
Optional	@Flags	In	inherit	smallint (2 bytes)	A flag indicating whether the rule can be edited or deleted.
Optional	@LanguageCode	In	inherit	int (4 bytes)	The Windows Locale ID (LCID) identifying the language Cisco Unity Connection will associate with the call.
Optional	@Route_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@Route_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@Route_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@State	In	inherit	smallint (2 bytes)	The state of the rule (active, inactive, or invalid).
Optional	@Type	In	inherit	smallint (2 bytes)	The type of rule based on call type (direct, forwarded, or system).

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@UseCallLanguage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the routing rule inherit language from location.

Exceptions

csp_RoutingRuleModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The routing rule was not found.
1036	EXCEPTION_INVALID_ROUTING_RULE_CONDITION	The specified condition is not valid for a routing rule.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallType

Property Name	Value
Description:	The type of call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.CallType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RoutingRuleCallType
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.CallType." If "tbl_RoutingRule.CallType" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of the routing rule to be used when displaying entries in the administrative console. For example, the display name for the default routing rule for attempting subscriber sign-in is "Attempt Sign-In."

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.DisplayName." If "tbl_RoutingRule.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Flags

Property Name	Value
Description:	A flag indicating whether the rule can be edited or deleted.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.Flags
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RoutingRuleFlags
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.Flags." If "tbl_RoutingRule.Flags" can be NULL, then explicit NULL is allowed.
Default Value:	3
Direction:	In
Update Column Value From Parameter:	True

@LanguageCode

Property Name	Value
Description:	The Windows Locale ID (LCID) identifying the language Cisco Unity Connection will associate with the call.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_RoutingRule.LanguageCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.LanguageCode." If "tbl_RoutingRule.LanguageCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a RoutingRule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.ObjectId." If "tbl_RoutingRule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Route_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Route_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Route_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@State

Property Name	Value
Description:	The state of the rule (active, inactive, or invalid).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.State
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RuleState
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.State." If "tbl_RoutingRule.State" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Type

Property Name	Value
Description:	The type of rule based on call type (direct, forwarded, or system).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.Type
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	RoutingRuleType
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.Type." If "tbl_RoutingRule.Type" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseCallLanguage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will use the language assigned to the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_RoutingRule.UseCallLanguage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_RoutingRule.UseCallLanguage." If "tbl_RoutingRule.UseCallLanguage" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the routing rule inherit language from location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.269. csp_ScheduleCreate

Creates a new Schedule object by inserting a new row into tbl_Schedule.

Additional Information

The parameter @DisplayName must be provided.

A Schedule must be either a System (Location) or Subscriber schedule. Either @Owner_LocationObjectId or @Owner_SubscriberObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of this schedule to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@EndDate	In	inherit	datetime (8 bytes)	The date and time when schedule ends, or NULL if effective indefinitely.
Optional	@IsHoliday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule represents a holiday.
Optional	@LastModified	In	inherit	datetime (8 bytes)	The date and time this schedule was last modified in Exchange - for synchronization.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.
Optional	@Owner_LocationObjectId	In	inherit	char (36 characters)	The owner of this schedule. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule belongs. Commonly referred to as a "system" schedule. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Owner_PersonalRuleSetObjectId	In	inherit	char (36 characters)	The owner of this schedule. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule belongs. Otherwise, this attribute is set to NULL.
Optional	@Owner_SubscriberObjectId	In	inherit	char (36 characters)	The owner of this schedule. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule belongs. Otherwise, this attribute is set to NULL.
Optional	@StartDate	In	inherit	datetime (8 bytes)	The date and time when schedule becomes active, or NULL if active immediately.
Optional	@Undeletable	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.

Exceptions

csp_ScheduleCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid subscriber object as specified by @Owner_SubscriberObjectId was not found. Rather the object specified by @Owner_SubscriberObjectId is a user template. The names of the object (Subscriber), parameter (@Owner_SubscriberObjectId), view (vw_Subscriber), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.

Property Name	Value
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of this schedule to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_Schedule.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.DisplayName." If "tbl_Schedule.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EndDate

Property Name	Value
Description:	The date and time when schedule ends, or NULL if effective indefinitely.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.EndDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.EndDate." If "tbl_Schedule.EndDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@IsHoliday

Property Name	Value
Description:	A flag indicating whether this schedule represents a holiday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.IsHoliday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.IsHoliday." If "tbl_Schedule.IsHoliday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LastModified

Property Name	Value
Description:	The date and time this schedule was last modified in Exchange - for synchronization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.LastModified
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.LastModified." If "tbl_Schedule.LastModified" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.ObjectId." If "tbl_Schedule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	Out
Update Column Value From Parameter:	True

@Owner_LocationObjectId

Property Name	Value
Description:	The owner of this schedule. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule belongs. Commonly referred to as a "system" schedule. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.Owner_LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.Owner_LocationObjectId." If "tbl_Schedule.Owner_LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Owner_PersonalRuleSetObjectId

Property Name	Value
Description:	The owner of this schedule. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.Owner_PersonalRuleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.Owner_PersonalRuleSetObjectId." If "tbl_Schedule.Owner_PersonalRuleSetObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this schedule. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.Owner_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.Owner_SubscriberObjectId." If "tbl_Schedule.Owner_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@StartDate

Property Name	Value
Description:	The date and time when schedule becomes active, or NULL if active immediately.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.StartDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.StartDate." If "tbl_Schedule.StartDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this schedule can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.Undeletable." If "tbl_Schedule.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.270. csp_ScheduleDelete

Deletes a Schedule object from tbl_Schedule as specified by the @ObjectId parameter.

Additional Information

Two FK Cascade Delete constraints ensure that all tbl_ScheduleDetail rows belonging to this Schedule object will be deleted and that all tbl_ScheduleSetMemberMap rows pertaining to this Schedule object will also be deleted.

A check is made on the undeletable attribute. If it is set, the procedure will not allow the deletion of the schedule.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_ScheduleDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified Schedule object was not found. The names of the object (Schedule), table (tbl_Schedule), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_Schedule), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.
1016	EXCEPTION_OBJECT_UNDELETABLE	The Schedule specified by @ObjectId cannot be deleted because it's Undeletable attribute is set. The names of the object (Schedule) and table (tbl_Schedule), are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.ObjectId." If "tbl_Schedule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.271. csp_ScheduleDetailCreate

Creates a new ScheduleDetail object by inserting a new row into tbl_ScheduleDetail.

Additional Information

The parameter @ScheduleObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ScheduleObjectId	In	inherit	char (36 characters)	The unique identifier of the parent Schedule object to which this schedule detail row belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The ID of this object in the directory or message store if it represents an appointment in another groupware package.
Optional	@EndDate	In	inherit	datetime (8 bytes)	The date when this schedule detail ends. A value of NULL indicates the scheule is active indefinitely.
Optional	@EndTime	In	inherit	int (4 bytes)	The end time (in minutes) for the active day or days. The end time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL means "till the end of the day" (e.g. 11:59:59 PM in Linux land).
Optional	@IsActiveFriday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Friday.
Optional	@IsActiveMonday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Monday.
Optional	@IsActiveSaturday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Saturday.
Optional	@IsActiveSunday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Sunday.
Optional	@IsActiveThursday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on this Thursday.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@IsActiveTuesday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Tuesday.
Optional	@IsActiveWednesday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Wednesday.
Optional	@LastModified	In	inherit	datetime (8 bytes)	The time this appointment was last modified in Exchange - for synchronization.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a SceduelDetail object.
Optional	@StartDate	In	inherit	datetime (8 bytes)	The date when this schedule detail becomes active. A value of NULL means the schedule is active immediately.
Optional	@StartTime	In	inherit	int (4 bytes)	The start time (in minutes) for the active day or days. The start time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL for the start time indicates 12:00 AM.
Optional	@Subject	In	inherit	nvarchar (2048 characters)	The subject matter or description for this schedule detail row.

Exceptions

csp_ScheduleDetailCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ScheduleObjectId is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The ID of this object in the directory or message store if it represents an appointment in another groupware package.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.DirectoryId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.DirectoryId." If "tbl_ScheduleDetail.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EndDate

Property Name	Value
Description:	The date when this schedule detail ends. A value of NULL indicates the schedule is active indefinitely.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.EndDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.EndDate." If "tbl_ScheduleDetail.EndDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EndTime

Property Name	Value
Description:	The end time (in minutes) for the active day or days. The end time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL means "till the end of the day" (e.g. 11:59:59 PM in Linux land).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.EndTime
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.EndTime." If "tbl_ScheduleDetail.EndTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@IsActiveFriday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Friday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveFriday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveFriday." If "tbl_ScheduleDetail.IsActiveFriday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsActiveMonday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Monday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveMonday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveMonday." If "tbl_ScheduleDetail.IsActiveMonday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsActiveSaturday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Saturday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveSaturday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveSaturday." If "tbl_ScheduleDetail.IsActiveSaturday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsActiveSunday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Sunday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveSunday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveSunday." If "tbl_ScheduleDetail.IsActiveSunday" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@IsActiveThursday

Property Name	Value
Description:	A flag indicating whether this schedule is active on this Thursday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveThursday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveThursday." If "tbl_ScheduleDetail.IsActiveThursday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsActiveTuesday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Tuesday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveTuesday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveTuesday." If "tbl_ScheduleDetail.IsActiveTuesday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsActiveWednesday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Wednesday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveWednesday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveWednesday." If "tbl_ScheduleDetail.IsActiveWednesday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LastModified

Property Name	Value
Description:	The time this appointment was last modified in Exchange - for synchronization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.LastModified
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.LastModified." If "tbl_ScheduleDetail.LastModified" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a SceduelDetail object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.ObjectId." If "tbl_ScheduleDetail.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@ScheduleObjectId

Property Name	Value
Description:	The unique identifier of the parent Schedule object to which this schedule detail row belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.ScheduleObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.ScheduleObjectId." If "tbl_ScheduleDetail.ScheduleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@StartDate

Property Name	Value
Description:	The date when this schedule detail becomes active. A value of NULL means the schedule is active immediately.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.StartDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.StartDate." If "tbl_ScheduleDetail.StartDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@StartTime

Property Name	Value
Description:	The start time (in minutes) for the active day or days. The start time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL for the start time indicates 12:00 AM.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.StartTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.StartTime." If "tbl_ScheduleDetail.StartTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Subject

Property Name	Value
Description:	The subject matter or description for this schedule detail row.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.Subject

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2048 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.Subject." If "tbl_ScheduleDetail.Subject" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.272. csp_ScheduleDetailDelete

Deletes a ScheduleDetail object from tbl_ScheduleDetail as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a ScehduelDetail object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_ScheduleDetailDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified ScheduleDetail object was not found. The names of the object (Schedule detail), table (tbl_ScheduleDetail), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_ScheduleDetail), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a SceduelDetail object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.ObjectId." If "tbl_ScheduleDetail.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.273. csp_ScheduleDetailModify

Updates the attributes of a ScheduleDetail object based on the values passed in via the parameters. The @ObjectId parameter identifies the ScheduleDetail object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a ScheduleDetail object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The ID of this object in the directory or message store if it represents an appointment in another groupware package.
Optional	@EndDate	In	inherit	datetime (8 bytes)	The date when this schedule detail ends. A value of NULL indicates the schedule is active indefinitely.
Optional	@EndTime	In	inherit	int (4 bytes)	The end time (in minutes) for the active day or days. The end time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL means "till the end of the day" (e.g. 11:59:59 PM in Linux land).
Optional	@IsActiveFriday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Friday.
Optional	@IsActiveMonday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Monday.
Optional	@IsActiveSaturday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Saturday.
Optional	@IsActiveSunday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Sunday.
Optional	@IsActiveThursday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on this Thursday.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@IsActiveTuesday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Tuesday.
Optional	@IsActiveWednesday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule is active on Wednesday.
Optional	@LastModified	In	inherit	datetime (8 bytes)	The time this appointment was last modified in Exchange - for synchronization.
Optional	@ScheduleObjectId	In	inherit	char (36 characters)	The unique identifier of the parent Schedule object to which this schedule detail row belongs.
Optional	@StartDate	In	inherit	datetime (8 bytes)	The date when this schedule detail becomes active. A value of NULL means the schedule is active immediately.
Optional	@StartTime	In	inherit	int (4 bytes)	The start time (in minutes) for the active day or days. The start time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL for the start time indicates 12:00 AM.
Optional	@Subject	In	inherit	nvarchar (2048 characters)	The subject matter or description for this schedule detail row.

Exceptions

csp_ScheduleDetailModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified ScheduleDetail object was not found. The names of the object (Schedule detail), table (tbl_ScheduleDetail), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The ID of this object in the directory or message store if it represents an appointment in another groupware package.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.DirectoryId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.DirectoryId." If "tbl_ScheduleDetail.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EndDate

Property Name	Value
Description:	The date when this schedule detail ends. A value of NULL indicates the scheule is active indefinitely.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.EndDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.EndDate." If "tbl_ScheduleDetail.EndDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EndTime

Property Name	Value
Description:	The end time (in minutes) for the active day or days. The end time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL means "till the end of the day" (e.g. 11:59:59 PM in Linux land).
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_ScheduleDetail.EndTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.EndTime." If "tbl_ScheduleDetail.EndTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@IsActiveFriday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Friday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveFriday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveFriday." If "tbl_ScheduleDetail.IsActiveFriday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsActiveMonday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Monday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveMonday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveMonday." If "tbl_ScheduleDetail.IsActiveMonday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsActiveSaturday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Saturday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveSaturday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveSaturday." If "tbl_ScheduleDetail.IsActiveSaturday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsActiveSunday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Sunday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveSunday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveSunday." If "tbl_ScheduleDetail.IsActiveSunday" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@IsActiveThursday

Property Name	Value
Description:	A flag indicating whether this schedule is active on this Thursday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveThursday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveThursday." If "tbl_ScheduleDetail.IsActiveThursday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsActiveTuesday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Tuesday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveTuesday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveTuesday." If "tbl_ScheduleDetail.IsActiveTuesday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsActiveWednesday

Property Name	Value
Description:	A flag indicating whether this schedule is active on Wednesday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.IsActiveWednesday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.IsActiveWednesday." If "tbl_ScheduleDetail.IsActiveWednesday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LastModified

Property Name	Value
Description:	The time this appointment was last modified in Exchange - for synchronization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.LastModified
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.LastModified." If "tbl_ScheduleDetail.LastModified" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a SceduelDetail object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.ObjectId." If "tbl_ScheduleDetail.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ScheduleObjectId

Property Name	Value
Description:	The unique identifier of the parent Schedule object to which this schedule detail row belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.ScheduleObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.ScheduleObjectId." If "tbl_ScheduleDetail.ScheduleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@StartDate

Property Name	Value
Description:	The date when this schedule detail becomes active. A value of NULL means the schedule is active immediately.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.StartDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.StartDate." If "tbl_ScheduleDetail.StartDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@StartTime

Property Name	Value
Description:	The start time (in minutes) for the active day or days. The start time is stored as the number of minutes from midnight. So a value of 480 would mean 8:00 AM and 1020 would mean 5:00 PM. In addition, a value of NULL for the start time indicates 12:00 AM.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.StartTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.StartTime." If "tbl_ScheduleDetail.StartTime" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Subject

Property Name	Value
Description:	The subject matter or description for this schedule detail row.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleDetail.Subject

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2048 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleDetail.Subject." If "tbl_ScheduleDetail.Subject" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.274. csp_ScheduleIsActive

Determines if a Schedule is currently active. Returns a value of 1 in @IsActive if the Schedule object specified by @ScheduleObjectId is found to be active.

Additional Information

The parameter ScheduleObjectId must be provided.

This procedure is not intended to be called directly by clients. Rather it is intended to be called from csp_ScheduleSetIsActive, since that is the top level schedule object.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ScheduleObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Exclude	In	explicit-with default	smallint (2 bytes)	Set to 1 if the schedule set is exclusionary (e.g., a holiday).
Optional	@IsActive	Out	ignore	smallint (2 bytes)	Indicates if the schedule set is active. A value of 1 indicates the schedule set is active.
Optional	@ReferenceTime	In	ignore	datetime (8 bytes)	Reference time against which to evaluate the schedule. Defaults to the current local time.

Exceptions

csp_ScheduleIsActive will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ScheduleObjectId is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Exclude

Property Name	Value
Description:	Set to 1 if the scheduleset is exclusionary (e.g., a holiday).
Notes:	
Business Rules:	
Developer Notes:	We need to know this because if an exclusionary ScheduleSet has a schedule with no details, it should not be active.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0."
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

@IsActive

Property Name	Value
Description:	Indicates if the schedule set is active. A value of 1 indicates the schedule set is active.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@ReferenceTime

Property Name	Value
Description:	Reference time against which to evaluate the schedule. Defaults to the current local time.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ScheduleObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.ObjectId." If "tbl_Schedule.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.275. csp_ScheduleModify

Updates the attributes of a Schedule object based on the values passed in via the parameters. The @ObjectId parameter identifies the Schedule object that is updated.

Additional Information

If the Undeletable flag is set for this object in the database, it will remain set. Once an object is set to undeletable it should stay that way.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of this schedule to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Optional	@EndDate	In	inherit	datetime (8 bytes)	The date and time when schedule ends, or NULL if effective indefinitely.
Optional	@IsHoliday	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule represents a holiday.
Optional	@LastModified	In	inherit	datetime (8 bytes)	The date and time this schedule was last modified in Exchange - for synchronization.
Optional	@Owner_LocationObjectId	In	inherit	char (36 characters)	The owner of this schedule. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule belongs. Commonly referred to as a "system" schedule. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Owner_PersonalRuleSetObjectId	In	inherit	char (36 characters)	The owner of this schedule. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule belongs. Otherwise, this attribute is set to NULL.
Optional	@Owner_SubscriberObjectId	In	inherit	char (36 characters)	The owner of this schedule. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule belongs. Otherwise, this attribute is set to NULL.
Optional	@StartDate	In	inherit	datetime (8 bytes)	The date and time when schedule becomes active, or NULL if active immediately.
Optional	@Undeleteable	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.

Exceptions

csp_ScheduleModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Schedule object was not found. The names of the object (Schedule), table (tbl_Schedule), and column (ObjectId) are included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid subscriber object as specified by @Owner_SubscriberObjectId was not found. Rather the object specified by @Owner_SubscriberObjectId is a user template. The names of the object (subscriber), parameter (@Owner_SubscriberObjectId), view (vw_Subscriber), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of this schedule to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_Schedule.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.DisplayName." If "tbl_Schedule.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EndDate

Property Name	Value
Description:	The date and time when schedule ends, or NULL if effective indefinitely.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.EndDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.EndDate." If "tbl_Schedule.EndDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@IsHoliday

Property Name	Value
Description:	A flag indicating whether this schedule represents a holiday.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.IsHoliday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.IsHoliday." If "tbl_Schedule.IsHoliday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LastModified

Property Name	Value
Description:	The date and time this schedule was last modified in Exchange - for synchronization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.LastModified
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.LastModified." If "tbl_Schedule.LastModified" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Schedule object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.ObjectId." If "tbl_Schedule.ObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Owner_LocationObjectId

Property Name	Value
Description:	The owner of this schedule. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule belongs. Commonly referred to as a "system" schedule. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.Owner_LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.Owner_LocationObjectId." If "tbl_Schedule.Owner_LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Owner_PersonalRuleSetObjectId

Property Name	Value
Description:	The owner of this schedule. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.Owner_PersonalRuleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.Owner_PersonalRuleSetObjectId." If "tbl_Schedule.Owner_PersonalRuleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this schedule. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.Owner_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.Owner_SubscriberObjectId." If "tbl_Schedule.Owner_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@StartDate

Property Name	Value
Description:	The date and time when schedule becomes active, or NULL if active immediately.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.StartDate
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.StartDate." If "tbl_Schedule.StartDate" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this schedule can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.Undeletable." If "tbl_Schedule.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.276. csp_ScheduleSetCreate

Creates a new ScheduleSet object by inserting a new row into tbl_ScheduleSet. A ScheduleSet is a group of schedules.

Additional Information

The parameter @DisplayName must be provided.

A ScheduleSet must be either a System (Location) or Subscriber schedule set. Either @Owner_LocationObjectId or @Owner_SubscriberObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this schedule set to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.
Optional	@Owner_LocationObjectId	In	inherit	char (36 characters)	The owner of this schedule set. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule set (i.e., "system" schedule) belongs. Otherwise, this attribute is set to NULL.
Optional	@Owner_PersonalRuleSetObjectId	In	inherit	char (36 characters)	The owner of this schedule set. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule set belongs. Otherwise, this attribute is set to NULL.
Optional	@Owner_SubscriberObjectId	In	inherit	char (36 characters)	The owner of this schedule set. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule set belongs. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Undeetable	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule set can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.

Exceptions

csp_ScheduleSetCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @DisplayName is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this schedule set to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.DisplayName." If "tbl_ScheduleSet.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.ObjectId." If "tbl_ScheduleSet.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Owner_LocationObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule set (i.e., "system" schedule) belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.Owner_LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.Owner_LocationObjectId." If "tbl_ScheduleSet.Owner_LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Owner_PersonalRuleSetObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule set belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.Owner_PersonalRuleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.Owner_PersonalRuleSetObjectId." If "tbl_ScheduleSet.Owner_PersonalRuleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule set belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.Owner_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.Owner_SubscriberObjectId." If "tbl_ScheduleSet.Owner_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this schedule set can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.Undeletable." If "tbl_ScheduleSet.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.277. csp_ScheduleSetDelete

Deletes a ScheduleSet object from tbl_ScheduleSet as specified by the @ObjectId parameter.

Additional Information

A check is made on the undeletable attribute. If it is set, the procedure will not allow the deletion of the schedule set.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_ScheduleSetDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified ScheduleSet object was not found. The names of the object (Schedule set), table (tbl_ScheduleSet), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_ScheduleSet), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.
1016	EXCEPTION_OBJECT_UNDELETABLE	The ScheduleSet specified by @ObjectId cannot be deleted because it's Undeletable attribute is set. The names of the object (Schedule set) and table (tbl_ScheduleSet), are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.ObjectId." If "tbl_ScheduleSet.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.278. csp_ScheduleSetIsActive

Determines if a ScheduleSet is currently active. Returns a value of 1 in @IsActive if the ScheduleSet object specified by @ScheduleSetObjectId is found to be active.

Additional Information

The parameters @IsActive and @ScheduleSetObjectId must be provided.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ScheduleSetObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsActive	Out	ignore	smallint (2 bytes)	Indicates if the schedule set is active. A value of 1 indicates the schedule set is active.
Optional	@IsHoliday	Out	inherit	smallint (2 bytes)	This will be set to 1 (true) if the schedule set is inactive due to a holiday schedule.
Optional	@ReferenceTime	In	ignore	datetime (8 bytes)	Reference time against which to evaluate the schedule set. Defaults to the current local time.

Exceptions

csp_ScheduleSetIsActive will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ScheduleSetObjectId is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsActive

Property Name	Value
Description:	Indicates if the schedule set is active. A value of 1 indicates the schedule set is active.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@IsHoliday

Property Name	Value
Description:	This will be set to 1 (true) if the schedule set is inactive due to a holiday schedule.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Schedule.IsHoliday
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_Schedule.IsHoliday." If "tbl_Schedule.IsHoliday" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	Out
Update Column Value From Parameter:	True

@ReferenceTime

Property Name	Value
Description:	Reference time against which to evaluate the schedule set. Defaults to the current local time.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ScheduleSetObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.ObjectId." If "tbl_ScheduleSet.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.279. csp_ScheduleSetMemberMapCreate

Creates a new ScheduleSetMemberMap object by inserting a new row into tbl_ScheduleSetMemberMap thereby assigning a Schedule to a particular ScheduleSet.

Additional Information

The parameters @ScheduleObjectId and @ScheduleSetObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ScheduleObjectId	In	inherit	char (36 characters)	The unique identifier of the Schedule object that is a member of the schedule set.
Required	@ScheduleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the ScheduleSet object to which the schedule belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Exclude	In	inherit	smallint (2 bytes)	A flag indicating whether the schedule is to be included or excluded from the schedule set.

Exceptions

csp_ScheduleSetMemberMapCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@ScheduleObjectId and @ScheduleSetObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Exclude

Property Name	Value
Description:	A flag indicating whether the schedule is to be included or excluded from the schedule set.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSetMemberMap.Exclude
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSetMemberMap.Exclude." If "tbl_ScheduleSetMemberMap.Exclude" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ScheduleObjectId

Property Name	Value
Description:	The unique identifier of the Schedule object that is a member of the schedule set.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSetMemberMap.ScheduleObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSetMemberMap.ScheduleObjectId." If "tbl_ScheduleSetMemberMap.ScheduleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object to which the schedule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSetMemberMap.ScheduleSetObjectId

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSetMemberMap.ScheduleSetObjectId." If "tbl_ScheduleSetMemberMap.ScheduleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.280. csp_ScheduleSetMemberMapDelete

Deletes a ScheduleSetMemberMap object from tbl_ScheduleSetMemberMap as specified by the @ScheduleObjectId and @ScheduleSetObjectId parameters.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ScheduleObjectId	In	inherit	char (36 characters)	The unique identifier of the Schedule object that is a member of the schedule set.
Required	@ScheduleSetObjectId	In	inherit	char (36 characters)	The unique identifier of the ScheduleSet object to which the schedule belongs.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_ScheduleSetMemberMapDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@ScheduleObjectId and @ScheduleSetObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified ScheduleSetMemberMap object was not found. The names of the object (Schedule set member map), table (tbl_ScheduleSetMemberMap), and columns (ScheduleObjectId and ScheduleSetObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_ScheduleSetmemberMap), and the columns (ScheduleObjectId and ScheduleSetObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ScheduleObjectId

Property Name	Value
Description:	The unique identifier of the Schedule object that is a member of the schedule set.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSetMemberMap.ScheduleObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSetMemberMap.ScheduleObjectId." If "tbl_ScheduleSetMemberMap.ScheduleObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ScheduleSetObjectId

Property Name	Value
Description:	The unique identifier of the ScheduleSet object to which the schedule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSetMemberMap.ScheduleSetObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSetMemberMap.ScheduleSetObjectId." If "tbl_ScheduleSetMemberMap.ScheduleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.281. csp_ScheduleSetModify

Updates the attributes of a ScheduleSet object based on the values passed in via the parameters. The @ObjectId parameter identifies the ScheduleSet object that is updated.

Additional Information

If the Undeletable flag is set for this object in the database, it will remain set. Once an object is set to undeletable it should stay that way.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The unique text name of this schedule set to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Optional	@Owner_LocationObjectId	In	inherit	char (36 characters)	The owner of this schedule set. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule set (i.e., "system" schedule) belongs. Otherwise, this attribute is set to NULL.
Optional	@Owner_PersonalRuleSetObjectId	In	inherit	char (36 characters)	The owner of this schedule set. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule set belongs. Otherwise, this attribute is set to NULL.
Optional	@Owner_SubscriberObjectId	In	inherit	char (36 characters)	The owner of this schedule set. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule set belongs. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Undeetable	In	inherit	smallint (2 bytes)	A flag indicating whether this schedule set can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.

Exceptions

csp_ScheduleSetModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified ScheduleSet object was not found. The names of the object (Schedule set), table (tbl_ScheduleSet), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The unique text name of this schedule set to be used when displaying entries in the administrative console and Cisco Personal Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.DisplayName." If "tbl_ScheduleSet.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a ScheduleSet object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.ObjectId." If "tbl_ScheduleSet.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Owner_LocationObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a LocationVMS, the unique identifier of the LocationVMS object to which this schedule set (i.e., "system" schedule) belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.Owner_LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.Owner_LocationObjectId." If "tbl_ScheduleSet.Owner_LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Owner_PersonalRuleSetObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a personal rule set, the unique identifier of the PersonalRuleSet to which this schedule set belongs. Otherwise, this attribute is set to NULL.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.Owner_PersonalRuleSetObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.Owner_PersonalRuleSetObjectId." If "tbl_ScheduleSet.Owner_PersonalRuleSetObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this schedule set. If the owner is a subscriber, the unique identifier of the Subscriber object to which this schedule set belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.Owner_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.Owner_SubscriberObjectId." If "tbl_ScheduleSet.Owner_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this schedule set can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_ScheduleSet.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_ScheduleSet.Undeletable." If "tbl_ScheduleSet.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

6.282. csp_ServiceModify

Updates the attributes of a Service object based on the values passed in via the parameters. The @ObjectId parameter identifies the Service object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	Unique identifier for this service.
Optional	@AlarmCatalogId	In	inherit	varchar (254 characters)	Alarm catalog file name.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@DefaultMaxTraceFile Number	In	inherit	int (4 bytes)	The default value for the "MaxTraceFileNumber" column, the maximum number of trace files for this process.
Optional	@DefaultMaxTraceFile Size	In	inherit	int (4 bytes)	The default value for the "MaxTraceFileSize" column, the maximum size of the trace file for this process (in MB).
Optional	@DefaultMaxTraceState mentsPerFile	In	inherit	int (4 bytes)	The default value for the "MaxTraceStatementsPerFile" column, maximum number of trace statements per file.
Optional	@Description	In	inherit	lvarchar (256 characters)	Description of the service.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	Unitue text name of the service for display purposes.
Optional	@MaxTraceFileNumber	In	inherit	int (4 bytes)	Maximum number of trace files for this process.
Optional	@MaxTraceFileSize	In	inherit	int (4 bytes)	Maximum size of the trace file for this process (in MB).
Optional	@MaxTraceStatementsP erFile	In	inherit	int (4 bytes)	Maximum number of trace statements per file.
Optional	@ProcessName	In	inherit	varchar (254 characters)	Name of process.

Exceptions

csp_ServiceModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Service object was not found. The names of the object (Service), table (tbl_Service), and column (ObjectId) are included with the exception message.

Parameter Properties

@AlarmCatalogId

Property Name	Value
Description:	Alarm catalog file name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.AlarmCatalogId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Service.AlarmCatalogId." If "tbl_Service.AlarmCatalogId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DefaultMaxTraceFileNumber

Property Name	Value
Description:	The default value for the "MaxTraceFileNumber" column, the maximum number of trace files for this process.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.DefaultMaxTraceFileNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Service.DefaultMaxTraceFileNumber." If "tbl_Service.DefaultMaxTraceFileNumber" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@DefaultMaxTraceFileSize

Property Name	Value
Description:	The default value for the "MaxTraceFileSize" column, the maximum size of the trace file for this process (in MB).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.DefaultMaxTraceFileSize
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Service.DefaultMaxTraceFileSize." If "tbl_Service.DefaultMaxTraceFileSize" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultMaxTraceStatementsPerFile

Property Name	Value
Description:	The default value for the "MaxTraceStatementsPerFile" column, maximum number of trace statements per file.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.DefaultMaxTraceStatementsPerFile
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Service.DefaultMaxTraceStatementsPerFile." If "tbl_Service.DefaultMaxTraceStatementsPerFile" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@Description

Property Name	Value
Description:	Description of the service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.Description
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Service.Description." If "tbl_Service.Description" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	Unitue text name of the service for display purposes.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	DisplayName
Null Handling:	Inherit - inherit parameter value from "tbl_Service.DisplayName." If "tbl_Service.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxTraceFileNumber

Property Name	Value
Description:	Maximum number of trace files for this process.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.MaxTraceFileNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Service.MaxTraceFileNumber." If "tbl_Service.MaxTraceFileNumber" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxTraceFileSize

Property Name	Value
Description:	Maximum size of the trace file for this process (in MB).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.MaxTraceFileSize
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Service.MaxTraceFileSize." If "tbl_Service.MaxTraceFileSize" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxTraceStatementsPerFile

Property Name	Value
Description:	Maximum number of trace statements per file.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.MaxTraceStatementsPerFile
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Service.MaxTraceStatementsPerFile." If "tbl_Service.MaxTraceStatementsPerFile" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	Unique identifier for this service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Service.ObjectId." If "tbl_Service.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ProcessName

Property Name	Value
Description:	Name of process.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Service.ProcessName

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Service.ProcessName." If "tbl_Service.ProcessName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.283. csp_SMPPProviderCreate

Creates a new SMPPProvider object, by inserting a new row into tbl_SMPPProvider. A SMPPProvider object contains the configuration data for a Short Message Peer-To-Peer Provider in tbl_SMPPProvider.

Additional Information

The parameters @remote_addr, @system_id, and @TextName must be provided.

Either @Owner_LocationObjectId (owned by the "system") or @Owner_SubscriberObjectId (owned by a subscriber) , but not both, need to be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@remote_addr	In	inherit	nvarchar (65 characters)	The IP address or host name of the SMPP server at the SMSC.
Required	@system_id	In	inherit	nvarchar (16 characters)	The name or system ID that Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Required	@TextName	In	inherit	nvarchar (128 characters)	The unique text name of the SMPP Provider that represents the service provider in Cisco Unity Connection applications and is used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@addr_npi	In	inherit	smallint (2 bytes)	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@addr_ton	In	inherit	smallint (2 bytes)	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@address_range	In	inherit	nvarchar (41 characters)	A set of addresses or a single address the SMPP server uses to communicate with the Cisco Unity Connection server.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@data_coding	In	inherit	smallint (2 bytes)	The character set that each SMS message will be converted to when the messages are sent to the SMS device.
Optional	@dest_addr_npi	In	inherit	smallint (2 bytes)	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@dest_addr_ton	In	inherit	smallint (2 bytes)	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@destination_addr	In	inherit	nvarchar (65 characters)	The destination address of this short message.
Optional	@esm_class	In	inherit	int (4 bytes)	The special message attributes (Message Mode and Message Type) associated with the short message.
Optional	@interface_version	In	inherit	int (4 bytes)	The version of the SMPP protocol (e.g., v3.3 or v3.4) that the SMPP server uses to communicate with ESMEs like Cisco Unity Connection.
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether the SMPP is enabled and available to all applicable subscribers to use for SMS (SMPP) message notifications.
Optional	@local_addr	In	inherit	nvarchar (65 characters)	The IP address or hostname.
Optional	@local_port	In	inherit	int (4 bytes)	The port number.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system generated identifier for a SMPP Provider object.
Optional	@Owner_LocationObjectId	In	inherit	char (36 characters)	The owner of this SMPP provider. If the owner is the system, the unique identifier of the LocationVMS object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Owner_SubscriberObjectId	In	inherit	char (36 characters)	The owner of this SMPP provider. If the owner is a subscriber, the unique identifier of the Subscriber object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.
Optional	@password	In	inherit	nvarchar (9 characters)	The password (as provided by the service provider) Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Optional	@priority_flag	In	inherit	smallint (2 bytes)	The priority level of the message.
Optional	@protocol_id	In	inherit	int (4 bytes)	The protocol identifier.
Optional	@registered_delivery	In	inherit	int (4 bytes)	Whether an SMSC delivery receipt or an SME acknowledgment is required.
Optional	@remote_port	In	inherit	int (4 bytes)	The port used by the SMPP server to connect to an ESME like Cisco Unity Connection.
Optional	@replace_if_present_flag	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection can request the SMSC to replace a previously submitted message, that is still pending delivery. The SMSC will replace an existing message provided that the source address, destination address and service_type match the same fields in the new message.
Optional	@schedule_delivery_time	In	inherit	nvarchar (17 characters)	The time the short message is scheduled by the SMSC for delivery. Set to NULL for immediate message delivery.
Optional	@service_type	In	inherit	nvarchar (6 characters)	The SMS Application service associated with the message.
Optional	@sm_default_msg_id	In	inherit	int (4 bytes)	The short message to send from a list of predefined short messages stored in the SMSC.
Optional	@source_addr	In	inherit	nvarchar (65 characters)	The IP address or hostname of the SME which originated this message.
Optional	@source_addr_npi	In	inherit	smallint (2 bytes)	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@source_addr_ton	In	inherit	smallint (2 bytes)	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@system_type	In	inherit	nvarchar (13 characters)	The type of ESME that is communicating with the SMPP server at the SMSC. For example, an application like Cisco Unity Connection may be categorized as a "VMS" (voice mail system).
Optional	@validity_period	In	inherit	nvarchar (17 characters)	The SMSC expiration time, after which the message should be discarded if not delivered to the destination.

Exceptions

csp_SMPPProviderCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@remote_addr, @system_id, and @TextName) is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	The @Owner_SubscriberObjectId is not a Subscriber, but rather a User/Subscriber template. A template cannot own a SMPP Provider. The name of the object (Subscriber), parameter (@Owner_SubscriberObjectId), table (tbl_UserTemplate) and column (ObjectId) are included with the message.

Parameter Properties

@addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.addr_npi
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NumberingPlanIdentity
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.addr_npi." If "tbl_SMPPProvider.addr_npi" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.addr_ton
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TypeOfNumber
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.addr_ton." If "tbl_SMPPProvider.addr_ton" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@address_range

Property Name	Value
Description:	A set of addresses or a single address the SMPP server uses to communicate with the Cisco Unity Connection server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.address_range

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (41 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.address_range." If "tbl_SMPPProvider.address_range" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@data_coding

Property Name	Value
Description:	The character set that each SMS message will be converted to when the messages are sent to the SMS device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.data_coding
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	DataCoding
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.data_coding." If "tbl_SMPPProvider.data_coding" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@dest_addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.dest_addr_npi
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NumberingPlanIdentity
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.dest_addr_npi." If "tbl_SMPPProvider.dest_addr_npi" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@dest_addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.dest_addr_ton
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TypeOfNumber
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.dest_addr_ton." If "tbl_SMPPProvider.dest_addr_ton" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@destination_addr

Property Name	Value
Description:	The destination address of this short message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.destination_addr
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (65 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.destination_addr." If "tbl_SMPPProvider.destination_addr" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@esm_class

Property Name	Value
Description:	The special message attributes (Message Mode and Message Type) associated with the short message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.esm_class
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.esm_class." If "tbl_SMPPProvider.esm_class" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@interface_version

Property Name	Value
Description:	The version of the SMPP protocol (e.g., v3.3 or v3.4) that the SMPP server uses to communicate with ESMEs like Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.interface_version
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.interface_version." If "tbl_SMPPProvider.interface_version" can be NULL, then explicit NULL is allowed.
Default Value:	52
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether the SMPP is enabled and available to all applicable subscribers to use for SMS (SMPP) message notifications.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.IsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.IsEnabled." If "tbl_SMPPProvider.IsEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@local_addr

Property Name	Value
Description:	The IP address or hostname.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.local_addr
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (65 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.local_addr." If "tbl_SMPPProvider.local_addr" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@local_port

Property Name	Value
Description:	The port number.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.local_port
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.local_port." If "tbl_SMPPProvider.local_port" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system generated identifier for a SMPP Provider object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.ObjectId." If "tbl_SMPPProvider.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Owner_LocationObjectId

Property Name	Value
Description:	The owner of this SMPP provider. If the owner is the system, the unique identifier of the LocationVMS object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.Owner_LocationObjectId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.Owner_LocationObjectID." If "tbl_SMPPProvider.Owner_LocationObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Owner_SubscriberObjectID

Property Name	Value
Description:	The owner of this SMPP provider. If the owner is a subscriber, the unique identifier of the Subscriber object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.Owner_SubscriberObjectID
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.Owner_SubscriberObjectID." If "tbl_SMPPProvider.Owner_SubscriberObjectID" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@password

Property Name	Value
Description:	The password (as provided by the service provider) Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_SMPPProvider.password
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (9 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.password." If "tbl_SMPPProvider.password" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@priority_flag

Property Name	Value
Description:	The priority level of the message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.priority_flag
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SMSPriorityFlag
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.priority_flag." If "tbl_SMPPProvider.priority_flag" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@protocol_id

Property Name	Value
Description:	The protocol identifier.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.protocol_id
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.protocol_id." If "tbl_SMPPProvider.protocol_id" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@registered_delivery

Property Name	Value
Description:	Whether an SMSC delivery receipt or an SME acknowledgment is required.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.registered_delivery
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.registered_delivery." If "tbl_SMPPProvider.registered_delivery" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@remote_addr

Property Name	Value
Description:	The IP address or host name of the SMPP server at the SMSC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.remote_addr
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (65 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.remote_addr." If "tbl_SMPPProvider.remote_addr" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@remote_port

Property Name	Value
Description:	The port used by the SMPP server to connect to an ESME like Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.remote_port
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.remote_port." If "tbl_SMPPProvider.remote_port" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@replace_if_present_flag

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection can request the SMSC to replace a previously submitted message, that is still pending delivery. The SMSC will replace an existing message provided that the source address, destination address and service_type match the same fields in the new message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.replace_if_present_flag
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.replace_if_present_flag." If "tbl_SMPPProvider.replace_if_present_flag" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@schedule_delivery_time

Property Name	Value
Description:	The time the short message is scheduled by the SMSC for delivery. Set to NULL for immediate message delivery.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.schedule_delivery_time
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (17 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.schedule_delivery_time." If "tbl_SMPPProvider.schedule_delivery_time" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@service_type

Property Name	Value
Description:	The SMS Application service associated with the message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.service_type
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (6 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.service_type." If "tbl_SMPPProvider.service_type" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@sm_default_msg_id

Property Name	Value
Description:	The short message to send from a list of predefined short messages stored in the SMSC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.sm_default_msg_id
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.sm_default_msg_id." If "tbl_SMPPProvider.sm_default_msg_id" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@source_addr

Property Name	Value
Description:	The IP address or hostname of the SME which originated this message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.source_addr
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (65 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.source_addr." If "tbl_SMPPProvider.source_addr" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@source_addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.source_addr_npi
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NumberingPlanIdentity
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.source_addr_npi." If "tbl_SMPPProvider.source_addr_npi" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@source_addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.source_addr_ton
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TypeOfNumber
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.source_addr_ton." If "tbl_SMPPProvider.source_addr_ton" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@system_id

Property Name	Value
Description:	The name or system ID that Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.system_id
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (16 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.system_id." If "tbl_SMPPProvider.system_id" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@system_type

Property Name	Value
Description:	The type of ESME that is communicating with the SMPP server at the SMSC. For example, an application like Cisco Unity Connection may be categorized as a "VMS" (voice mail system).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.system_type
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (13 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.system_type." If "tbl_SMPPProvider.system_type" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TextName

Property Name	Value
Description:	The unique text name of the SMPP Provider that represents the service provider in Cisco Unity Connection applications and is used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.TextName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.TextName." If "tbl_SMPPProvider.TextName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@validity_period

Property Name	Value
Description:	The SMSC expiration time, after which the message should be discarded if not delivered to the destination.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.validity_period
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (17 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.validity_period." If "tbl_SMPPProvider.validity_period" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.284. csp_SMPPProviderDelete

Deletes a SMPPProvider object from tbl_SMPPProvider as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system generated identifier for a SMPP Provider object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_SMPPProviderDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified SMPPProvider object was not found. The names of the object (SMPP provider), table (tbl_SMPPProvider), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_SMPPProvider), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system generated identifier for a SMPP Provider object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.ObjectId." If "tbl_SMPPProvider.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.285. csp_SMPPProviderModify

Updates the attributes of a SMPPProvider object based on the values passed in via the parameters. The @ObjectId parameter identifies the SMPPProvider object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system generated identifier for a SMPP Provider object.
Optional	@addr_npi	In	inherit	smallint (2 bytes)	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@addr_ton	In	inherit	smallint (2 bytes)	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@address_range	In	inherit	nvarchar (41 characters)	A set of addresses or a single address the SMPP server uses to communicate with the Cisco Unity Connection server.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@data_coding	In	inherit	smallint (2 bytes)	The character set that each SMS message will be converted to when the messages are sent to the SMS device.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@dest_addr_npi	In	inherit	smallint (2 bytes)	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@dest_addr_ton	In	inherit	smallint (2 bytes)	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@destination_addr	In	inherit	nvarchar (65 characters)	The destination address of this short message.
Optional	@esm_class	In	inherit	int (4 bytes)	The special message attributes (Message Mode and Message Type) associated with the short message.
Optional	@interface_version	In	inherit	int (4 bytes)	The version of the SMPP protocol (e.g., v3.3 or v3.4) that the SMPP server uses to communicate with ESMEs like Cisco Unity Connection.
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether the SMPP is enabled and available to all applicable subscribers to use for SMS (SMPP) message notifications.
Optional	@local_addr	In	inherit	nvarchar (65 characters)	The IP address or hostname.
Optional	@local_port	In	inherit	int (4 bytes)	The port number.
Optional	@Owner_LocationObjectId	In	inherit	char (36 characters)	The owner of this SMPP provider. If the owner is the system, the unique identifier of the LocationVMS object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.
Optional	@Owner_SubscriberObjectId	In	inherit	char (36 characters)	The owner of this SMPP provider. If the owner is a subscriber, the unique identifier of the Subscriber object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.
Optional	@password	In	inherit	nvarchar (9 characters)	The password (as provided by the service provider) Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Optional	@priority_flag	In	inherit	smallint (2 bytes)	The priority level of the message.
Optional	@protocol_id	In	inherit	int (4 bytes)	The protocol identifier.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@registered_delivery	In	inherit	int (4 bytes)	Whether an SMSC delivery receipt or an SME acknowledgment is required.
Optional	@remote_addr	In	inherit	nvarchar (65 characters)	The IP address or host name of the SMPP server at the SMSC.
Optional	@remote_port	In	inherit	int (4 bytes)	The port used by the SMPP server to connect to an ESME like Cisco Unity Connection.
Optional	@replace_if_present_flag	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection can request the SMSC to replace a previously submitted message, that is still pending delivery. The SMSC will replace an existing message provided that the source address, destination address and service_type match the same fields in the new message.
Optional	@schedule_delivery_time	In	inherit	nvarchar (17 characters)	The time the short message is scheduled by the SMSC for delivery. Set to NULL for immediate message delivery.
Optional	@service_type	In	inherit	nvarchar (6 characters)	The SMS Application service associated with the message.
Optional	@sm_default_msg_id	In	inherit	int (4 bytes)	The short message to send from a list of predefined short messages stored in the SMSC.
Optional	@source_addr	In	inherit	nvarchar (65 characters)	The IP address or hostname of the SME which originated this message.
Optional	@source_addr_npi	In	inherit	smallint (2 bytes)	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@source_addr_ton	In	inherit	smallint (2 bytes)	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Optional	@system_id	In	inherit	nvarchar (16 characters)	The name or system ID that Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@system_type	In	inherit	nvarchar (13 characters)	The type of ESME that is communicating with the SMPP server at the SMSC. For example, an application like Cisco Unity Connection may be categorized as a "VMS" (voice mail system).
Optional	@TextName	In	inherit	nvarchar (128 characters)	The unique text name of the SMPP Provider that represents the service provider in Cisco Unity Connection applications and is used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@validity_period	In	inherit	nvarchar (17 characters)	The SMSC expiration time, after which the message should be discarded if not delivered to the destination.

Exceptions

csp_SMPPProviderModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified SMPPProvider object was not found. The names of the object (SMPP provider), table (tbl_SMPPProvider), and column (ObjectId) are included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	The owner of an SMPP provider cannot be a user template. The names of the object (User), parameter (@Owner_UserObjectId), table (vw_Subscriber) and column (ObjectId) are included with the exception message.

Parameter Properties

@addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.addr_npi
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NumberingPlanIdentity
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.addr_npi." If "tbl_SMPPProvider.addr_npi" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.addr_ton
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TypeOfNumber
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.addr_ton." If "tbl_SMPPProvider.addr_ton" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@address_range

Property Name	Value
Description:	A set of addresses or a single address the SMPP server uses to communicate with the Cisco Unity Connection server.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.address_range
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (41 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.address_range." If "tbl_SMPPProvider.address_range" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@data_coding

Property Name	Value
Description:	The character set that each SMS message will be converted to when the messages are sent to the SMS device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.data_coding
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	DataCoding
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.data_coding." If "tbl_SMPPProvider.data_coding" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@dest_addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.dest_addr_npi
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NumberingPlanIdentity

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.dest_addr_npi." If "tbl_SMPPProvider.dest_addr_npi" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@dest_addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.dest_addr_ton
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TypeOfNumber
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.dest_addr_ton." If "tbl_SMPPProvider.dest_addr_ton" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@destination_addr

Property Name	Value
Description:	The destination address of this short message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.destination_addr
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (65 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.destination_addr." If "tbl_SMPPProvider.destination_addr" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@esm_class

Property Name	Value
Description:	The special message attributes (Message Mode and Message Type) associated with the short message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.esm_class
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.esm_class." If "tbl_SMPPProvider.esm_class" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@interface_version

Property Name	Value
Description:	The version of the SMPP protocol (e.g., v3.3 or v3.4) that the SMPP server uses to communicate with ESMEs like Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.interface_version
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.interface_version." If "tbl_SMPPProvider.interface_version" can be NULL, then explicit NULL is allowed.
Default Value:	52
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether the SMPP is enabled and available to all applicable subscribers to use for SMS (SMPP) message notifications.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.IsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.IsEnabled." If "tbl_SMPPProvider.IsEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@local_addr

Property Name	Value
Description:	The IP address or hostname.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.local_addr
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (65 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.local_addr." If "tbl_SMPPProvider.local_addr" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@local_port

Property Name	Value
Description:	The port number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.local_port
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.local_port." If "tbl_SMPPProvider.local_port" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system generated identifier for a SMPP Provider object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.ObjectId." If "tbl_SMPPProvider.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Owner_LocationObjectId

Property Name	Value
Description:	The owner of this SMPP provider. If the owner is the system, the unique identifier of the LocationVMS object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.Owner_LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.Owner_LocationObjectId." If "tbl_SMPPProvider.Owner_LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Owner_SubscriberObjectId

Property Name	Value
Description:	The owner of this SMPP provider. If the owner is a subscriber, the unique identifier of the Subscriber object to which this SMPP Provider belongs. Otherwise, this attribute is set to NULL.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.Owner_SubscriberObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.Owner_SubscriberObjectId." If "tbl_SMPPProvider.Owner_SubscriberObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@password

Property Name	Value
Description:	The password (as provided by the service provider) Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.password
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (9 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.password." If "tbl_SMPPProvider.password" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@priority_flag

Property Name	Value
Description:	The priority level of the message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.priority_flag
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SMSPriorityFlag
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.priority_flag." If "tbl_SMPPProvider.priority_flag" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@protocol_id

Property Name	Value
Description:	The protocol identifier.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.protocol_id
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.protocol_id." If "tbl_SMPPProvider.protocol_id" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@registered_delivery

Property Name	Value
Description:	Whether an SMSC delivery receipt or an SME acknowledgment is required.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.registered_delivery
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.registered_delivery." If "tbl_SMPPProvider.registered_delivery" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@remote_addr

Property Name	Value
Description:	The IP address or host name of the SMPP server at the SMSC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.remote_addr
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (65 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.remote_addr." If "tbl_SMPPProvider.remote_addr" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@remote_port

Property Name	Value
Description:	The port used by the SMPP server to connect to an ESME like Cisco Unity Connection.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.remote_port
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.remote_port." If "tbl_SMPPProvider.remote_port" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@replace_if_present_flag

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection can request the SMSC to replace a previously submitted message, that is still pending delivery. The SMSC will replace an existing message provided that the source address, destination address and service_type match the same fields in the new message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.replace_if_present_flag
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.replace_if_present_flag." If "tbl_SMPPProvider.replace_if_present_flag" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@schedule_delivery_time

Property Name	Value
Description:	The time the short message is scheduled by the SMSC for delivery. Set to NULL for immediate message delivery.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.schedule_delivery_time
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (17 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.schedule_delivery_time." If "tbl_SMPPProvider.schedule_delivery_time" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@service_type

Property Name	Value
Description:	The SMS Application service associated with the message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.service_type
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (6 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.service_type." If "tbl_SMPPProvider.service_type" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@sm_default_msg_id

Property Name	Value
Description:	The short message to send from a list of predefined short messages stored in the SMSC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.sm_default_msg_id
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.sm_default_msg_id." If "tbl_SMPPProvider.sm_default_msg_id" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@source_addr

Property Name	Value
Description:	The IP address or hostname of the SME which originated this message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.source_addr
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (65 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.source_addr." If "tbl_SMPPProvider.source_addr" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@source_addr_npi

Property Name	Value
Description:	The numeric plan indicator that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.source_addr_npi
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NumberingPlanIdentity
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.source_addr_npi." If "tbl_SMPPProvider.source_addr_npi" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@source_addr_ton

Property Name	Value
Description:	The type of number (TON) that subscribers can use when specifying the To and From fields for SMS (SMPP) message notification in the Cisco Unity Connection Administration and the Cisco Unity Assistant.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.source_addr_ton
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TypeOfNumber
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.source_addr_ton." If "tbl_SMPPProvider.source_addr_ton" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@system_id

Property Name	Value
Description:	The name or system ID that Cisco Unity Connection uses to identify itself when communicating with the SMPP server at the SMSC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.system_id
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (16 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.system_id." If "tbl_SMPPProvider.system_id" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@system_type

Property Name	Value
Description:	The type of ESME that is communicating with the SMPP server at the SMSC. For example, an application like Cisco Unity Connection may be categorized as a "VMS" (voice mail system).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.system_type
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (13 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.system_type." If "tbl_SMPPProvider.system_type" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TextName

Property Name	Value
Description:	The unique text name of the SMPP Provider that represents the service provider in Cisco Unity Connection applications and is used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.TextName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.TextName." If "tbl_SMPPProvider.TextName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@validity_period

Property Name	Value
Description:	The SMSC expiration time, after which the message should be discarded if not delivered to the destination.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SMPPProvider.validity_period
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (17 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SMPPProvider.validity_period." If "tbl_SMPPProvider.validity_period" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.286. csp_SmtpServerCreate

Creates an entry for an SMTP server that exists at this location.

Additional Information

DomainName and Port combined must be unique from all other entries in the table.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DisplayName	In	inherit	nvarchar (64 characters)	The human readable text name of the SMTP server to be used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.
Required	@DomainName	In	inherit	varchar (255 characters)	An internet-addressable SMTP domain name identifying the SMTP domain that this SMTP server services.
Required	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this SMTP server belongs. All Unity Connection SMTP servers belong to the LocationVMS. A Foreign Key to tbl_LocationVMS.ObjectId.
Required	@MailRootDirectory	In	inherit	nvarchar (255 characters)	The root directory for mail for the SMTP server.
Required	@Port	In	inherit	int (4 bytes)	The TCP/IP port number on which the SMTP server listens.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsDefault	In	inherit	smallint (2 bytes)	Specifies if this is the default smtp server for this location. There can only be one default at a time. If a smtp server is set to default value 1, all other servers must be set value 0.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	<p>A flag indicating whether this SMTP server is active or not.</p> <p>Values: 0: Not active. 1: Active</p>
Optional	@LimitConnections	In	inherit	smallint (2 bytes)	<p>A flag indicating whether the SMTP server shall limit the number of simultaneous connections. This applies to both incoming and outgoing connections.</p> <p>Values: 0: No limit on number of connections. 1: The maximum number of connections is limited to the value contained in ?MaxNumberConnections.?</p>
Optional	@LimitMessageSize	In	inherit	smallint (2 bytes)	<p>A flag indicating whether the SMTP server shall limit the size of an incoming message.</p> <p>Values: 0: No message size limit 1: Incoming message size is limited by the value contained in ?MaxMessageSize.?</p>
Optional	@LimitMessagesSession	In	inherit	smallint (2 bytes)	<p>A flag indicating whether the SMTP server shall limit the number of incoming messages per SMTP session.</p> <p>Values: 0: No limit on the number of messages per SMTP session 1: The number of outgoing messages per SMTP session are limited by the value contained in ?MaxNumberMessagesSession</p>

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@LimitRecipients	In	inherit	smallint (2 bytes)	A flag indicating whether the SMTP sever shall limit the number of recipients for both incoming and outgoing messages. Values: 0: No limit on the number of recipients 1: The number of recipients for both incoming and outgoing messages is limited by the value contained in ?MaxNumberRecipients.?
Optional	@MaxMessageSizeKb	In	inherit	int (4 bytes)	The maximum size (in KBytes) of an incoming message. If a message exceeds this value, the message is rejected, and an NDR is sent to the sender.
Optional	@MaxNumberConnections	In	inherit	int (4 bytes)	The maximum number of simultaneous connections for both incoming and outgoing connections.
Optional	@MaxNumberMessagesSession	In	inherit	int (4 bytes)	The maximum number of incoming messages per SMTP session.
Optional	@MaxNumberRecipients	In	inherit	int (4 bytes)	The maximum number of recipients (i.e., addresses) for both incoming and outgoing messages. For an incoming message, if the number of recipients exceeds this value, the message is rejected. For an outgoing message, if the number of recipients exceeds this value, the message will be sent to the maximum number of recipients, and then another copy of the message is sent to the remaining recipients.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a SMTPServer object.

Exceptions

csp_SmtpServerCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	The human readable text name of the SMTP server to be used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.DisplayName
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.DisplayName." If "tbl_SmtpServer.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DomainName

Property Name	Value
Description:	An internet-addressable SMTP domain name identifying the SMTP domain that this SMTP server services.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.DomainName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DomainName
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.DomainName." If "tbl_SmtpServer.DomainName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsDefault

Property Name	Value
Description:	Specifies if this is the default smtp server for this location. There can only be one default at a time. If a smtp server is set to default value 1, all other servers must be set value 0.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.IsDefault
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.IsDefault." If "tbl_SmtpServer.IsDefault" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether this SMTP server is active or not. Values: 0: Not active. 1: Active
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.IsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.IsEnabled." If "tbl_SmtpServer.IsEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LimitConnections

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the number of simultaneous connections. This applies to both incoming and outgoing connections. Values: 0: No limit on number of connections. 1: The maximum number of connections is limited to the value contained in ?MaxNumberConnections.?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.LimitConnections
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.LimitConnections." If "tbl_SmtpServer.LimitConnections" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LimitMessageSize

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the size of an incoming message. Values: 0: No message size limit 1: Incoming message size is limited by the value contained in ?MaxMessageSize.?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.LimitMessageSize
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.LimitMessageSize." If "tbl_SmtpServer.LimitMessageSize" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LimitMessagesSession

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the number of incoming messages per SMTP session. Values: 0: No limit on the number of messages per SMTP session 1: The number of outgoing messages per SMTP session are limited by the value contained in ?MaxNumberMessagesSession
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.LimitMessagesSession
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.LimitMessagesSession." If "tbl_SmtpServer.LimitMessagesSession" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LimitRecipients

Property Name	Value
Description:	A flag indicating whether the SMTP sever shall limit the number of recipients for both incoming and outgoing messages. Values: 0: No limit on the number of recipients 1: The number of recipients for both incoming and outgoing messages is limited by the value contained in ?MaxNumberRecipients.?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.LimitRecipients
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.LimitRecipients." If "tbl_SmtpServer.LimitRecipients" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this SMTP server belongs. All Unity Connection SMTP servers belong to the LocationVMS. A Foreign Key to tbl_LocationVMS.ObjectId.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.LocationObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.LocationObjectId." If "tbl_SmtpServer.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailRootDirectory

Property Name	Value
Description:	The root directory for mail for the SMTP server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.MailRootDirectory
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.MailRootDirectory." If "tbl_SmtpServer.MailRootDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxMessageSizeKb

Property Name	Value
Description:	The maximum size (in KBytes) of an incoming message. If a message exceeds this value, the message is rejected, and an NDR is sent to the sender.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.MaxMessageSizeKb
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.MaxMessageSizeKb." If "tbl_SmtpServer.MaxMessageSizeKb" can be NULL, then explicit NULL is allowed.
Default Value:	10000
Direction:	In
Update Column Value From Parameter:	True

@MaxNumberConnections

Property Name	Value
Description:	The maximum number of simultaneous connections for both incoming and outgoing connections.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.MaxNumberConnections
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.MaxNumberConnections." If "tbl_SmtpServer.MaxNumberConnections" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@MaxNumberMessagesSession

Property Name	Value
Description:	The maximum number of incoming messages per SMTP session.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.MaxNumberMessagesSession
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.MaxNumberMessagesSession." If "tbl_SmtpServer.MaxNumberMessagesSession" can be NULL, then explicit NULL is allowed.
Default Value:	10
Direction:	In
Update Column Value From Parameter:	True

@MaxNumberRecipients

Property Name	Value
Description:	The maximum number of recipients (i.e., addresses) for both incoming and outgoing messages. For an incoming message, if the number of recipients exceeds this value, the message is rejected. For an outgoing message, if the number of recipients exceeds this value, the message will be sent to the maximum number of recipients, and then another copy of the message is sent to the remaining recipients.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.MaxNumberRecipients
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.MaxNumberRecipients." If "tbl_SmtpServer.MaxNumberRecipients" can be NULL, then explicit NULL is allowed.
Default Value:	5000
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a SMTPServer object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.ObjectId." If "tbl_SmtpServer.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Port

Property Name	Value
Description:	The TCP/IP port number on which the SMTP server listens.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.Port
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.Port." If "tbl_SmtpServer.Port" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.287. csp_SmtpServerDelete

Deletes an SMTP server entry for this location.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a SMTPServer object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IsDefault	In	inherit	smallint (2 bytes)	Specifies if this is the default smtp server for this location. There can only be one default at a time. If a smtp server is set to default value 1, all other servers must be set value 0.

Exceptions

csp_SmtpServerDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	
1147	EXCEPTION_CANNOT_REMOVE_DEFAULT	

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsDefault

Property Name	Value
Description:	Specifies if this is the default smtp server for this location. There can only be one default at a time. If a smtp server is set to default value 1, all other servers must be set value 0.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.IsDefault
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.IsDefault." If "tbl_SmtpServer.IsDefault" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a SMTPServer object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.ObjectId." If "tbl_SmtpServer.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.288. csp_SmtpServerModify

Modifies an entry for an SMTP server that exists at this location.

Additional Information

DomainName and Port combined must be unique from all other entries in the table.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a SMTPServer object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The human readable text name of the SMTP server to be used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.
Optional	@DomainName	In	inherit	varchar (255 characters)	An internet-addressable SMTP domain name identifying the SMTP domain that this SMTP server services.
Optional	@IsDefault	In	inherit	smallint (2 bytes)	Specifies if this is the default smtp server for this location. There can only be one default at a time. If a smtp server is set to default value 1, all other servers must be set value 0.
Optional	@IsEnabled	In	ignore	smallint (2 bytes)	A flag indicating whether this SMTP server is active or not. Values: 0: Not active. 1: Active

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@LimitConnections	In	inherit	smallint (2 bytes)	<p>A flag indicating whether the SMTP server shall limit the number of simultaneous connections. This applies to both incoming and outgoing connections.</p> <p>Values: 0: No limit on number of connections. 1: The maximum number of connections is limited to the value contained in ?MaxNumberConnections.?</p>
Optional	@LimitMessageSize	In	inherit	smallint (2 bytes)	<p>A flag indicating whether the SMTP server shall limit the size of an incoming message.</p> <p>Values: 0: No message size limit 1: Incoming message size is limited by the value contained in ?MaxMessageSize.?</p>
Optional	@LimitMessagesSession	In	inherit	smallint (2 bytes)	<p>A flag indicating whether the SMTP server shall limit the number of incoming messages per SMTP session.</p> <p>Values: 0: No limit on the number of messages per SMTP session 1: The number of outgoing messages per SMTP session are limited by the value contained in ?MaxNumberMessagesSession</p>
Optional	@LimitRecipients	In	inherit	smallint (2 bytes)	<p>A flag indicating whether the SMTP sever shall limit the number of recipients for both incoming and outgoing messages.</p> <p>Values: 0: No limit on the number of recipients 1: The number of recipients for both incoming and outgoing messages is limited by the value contained in ?MaxNumberRecipients.?</p>
Optional	@LocationObjectId	In	inherit	char (36 characters)	<p>The unique identifier of the LocationVMS object to which this SMTP server belongs. All Unity Connection SMTP servers belong to the LocationVMS. A Foreign Key to tbl_LocationVMS.ObjectId.</p>

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MailRootDirectory	In	inherit	nvarchar (255 characters)	The root directory for mail for the SMTP server.
Optional	@MaxMessageSizeKb	In	inherit	int (4 bytes)	The maximum size (in KBytes) of an incoming message. If a message exceeds this value, the message is rejected, and an NDR is sent to the sender.
Optional	@MaxNumberConnections	In	inherit	int (4 bytes)	The maximum number of simultaneous connections for both incoming and outgoing connections.
Optional	@MaxNumberMessagesSession	In	inherit	int (4 bytes)	The maximum number of incoming messages per SMTP session.
Optional	@MaxNumberRecipients	In	inherit	int (4 bytes)	The maximum number of recipients (i.e., addresses) for both incoming and outgoing messages. For an incoming message, if the number of recipients exceeds this value, the message is rejected. For an outgoing message, if the number of recipients exceeds this value, the message will be sent to the maximum number of recipients, and then another copy of the message is sent to the remaining recipients.
Optional	@Port	In	inherit	int (4 bytes)	The TCP/IP port number on which the SMTP server listens.

Exceptions

csp_SmtpServerModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	
1147	EXCEPTION_CANNOT_REMOVE_DEFAULT	

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	The human readable text name of the SMTP server to be used when displaying entries such as in the administrative console, e.g., Cisco Unity Connection Administrator.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_SmtpServer.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.DisplayName." If "tbl_SmtpServer.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DomainName

Property Name	Value
Description:	An internet-addressable SMTP domain name identifying the SMTP domain that this SMTP server services.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.DomainName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	DomainName
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.DomainName." If "tbl_SmtpServer.DomainName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsDefault

Property Name	Value
Description:	Specifies if this is the default smtp server for this location. There can only be one default at a time. If a smtp server is set to default value 1, all other servers must be set value 0.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.IsDefault

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.IsDefault." If "tbl_SmtpServer.IsDefault" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether this SMTP server is active or not. Values: 0: Not active. 1: Active
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.IsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LimitConnections

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the number of simultaneous connections. This applies to both incoming and outgoing connections. Values: 0: No limit on number of connections. 1: The maximum number of connections is limited to the value contained in ?MaxNumberConnections.?
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.LimitConnections
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.LimitConnections." If "tbl_SmtpServer.LimitConnections" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LimitMessageSize

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the size of an incoming message. Values: 0: No message size limit 1: Incoming message size is limited by the value contained in ?MaxMessageSize.?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.LimitMessageSize
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.LimitMessageSize." If "tbl_SmtpServer.LimitMessageSize" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LimitMessagesSession

Property Name	Value
Description:	A flag indicating whether the SMTP server shall limit the number of incoming messages per SMTP session. Values: 0: No limit on the number of messages per SMTP session 1: The number of outgoing messages per SMTP session are limited by the value contained in ?MaxNumberMessagesSession
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.LimitMessagesSession
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.LimitMessagesSession." If "tbl_SmtpServer.LimitMessagesSession" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LimitRecipients

Property Name	Value
Description:	A flag indicating whether the SMTP sever shall limit the number of recipients for both incoming and outgoing messages. Values: 0: No limit on the number of recipients 1: The number of recipients for both incoming and outgoing messages is limited by the value contained in ?MaxNumberRecipients.?
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.LimitRecipients
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.LimitRecipients." If "tbl_SmtpServer.LimitRecipients" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this SMTP server belongs. All Unity Connection SMTP servers belong to the LocationVMS. A Foreign Key to tbl_LocationVMS.ObjectId.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.LocationObjectId." If "tbl_SmtpServer.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailRootDirectory

Property Name	Value
Description:	The root directory for mail for the SMTP server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.MailRootDirectory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.MailRootDirectory." If "tbl_SmtpServer.MailRootDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MaxMessageSizeKb

Property Name	Value
Description:	The maximum size (in KBytes) of an incoming message. If a message exceeds this value, the message is rejected, and an NDR is sent to the sender.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.MaxMessageSizeKb
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.MaxMessageSizeKb." If "tbl_SmtpServer.MaxMessageSizeKb" can be NULL, then explicit NULL is allowed.
Default Value:	10000
Direction:	In
Update Column Value From Parameter:	True

@MaxNumberConnections

Property Name	Value
Description:	The maximum number of simultaneous connections for both incoming and outgoing connections.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.MaxNumberConnections
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.MaxNumberConnections." If "tbl_SmtpServer.MaxNumberConnections" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@MaxNumberMessagesSession

Property Name	Value
Description:	The maximum number of incoming messages per SMTP session.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.MaxNumberMessagesSession
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.MaxNumberMessagesSession." If "tbl_SmtpServer.MaxNumberMessagesSession" can be NULL, then explicit NULL is allowed.
Default Value:	10
Direction:	In
Update Column Value From Parameter:	True

@MaxNumberRecipients

Property Name	Value
Description:	The maximum number of recipients (i.e., addresses) for both incoming and outgoing messages. For an incoming message, if the number of recipients exceeds this value, the message is rejected. For an outgoing message, if the number of recipients exceeds this value, the message will be sent to the maximum number of recipients, and then another copy of the message is sent to the remaining recipients.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.MaxNumberRecipients
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.MaxNumberRecipients." If "tbl_SmtpServer.MaxNumberRecipients" can be NULL, then explicit NULL is allowed.
Default Value:	5000
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a SMTPServer object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.ObjectId." If "tbl_SmtpServer.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Port

Property Name	Value
Description:	The TCP/IP port number on which the SMTP server listens.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_SmtpServer.Port
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_SmtpServer.Port." If "tbl_SmtpServer.Port" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.289. csp_StreamFileDelete

Deletes a StreamFile object from tbl_StreamFile as specified by the @ObjectId parameter. The delete doesn't actually remove the row. It simply marks it for delete by setting the TimeDeleted column to the current date/time. The SysAgent service deletes the actual row once the file is deleted from the file system.

Additional Information

The delete doesn't actually remove the column. It simply marks it for delete and the SysAgent service deletes the actual row once the file is deleted from the file system. See csp_private_StreamFileDelete.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a StreamFile object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_StreamFileDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified StreamFile object was not found. The names of the object (Stream file), table (tbl_StreamFile), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a StreamFile object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.ObjectId." If "tbl_StreamFile.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.290. csp_StreamFileModify

Activates an existing StreamFile object in tbl_StreamFile that was allocated using csp_AllocateVoiceFile. This procedure sets the value of the TimeDeleted column to NULL. The @FileName parameter identifies the StreamFile object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@FileName	In	inherit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_StreamFileModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @FileName is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified StreamFile object was not found. The names of the object (Stream file), table (tbl_StreamFile), and column (FileName) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.

Property Name	Value
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FileName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.291. csp_SubscriberCreate

Creates a new voice mail user (subscriber).

Additional Information

The parameters @Alias and @DtmfAccessId must be provided. Either the @TemplateAlias or @TemplateObjectId must be provided because a user must be created from a template.

To create a user without voice mail, use csp_UserCreate instead.

This procedure performs license checks on both the maximum number of licensed subscribers and allowed features. If a license violation is detected and exception is returned and the subscriber is not created. The parameter @NoLicenseCheck can be used to override the license checks, if desired.

In addition to creating a new subscription object in tbl_UserSubscriber, this procedure also creates several subscriber related objects:

- * A User object and its sub-objects by calling csp_UserCreate. See csp_UserCreate for more information.
- * An exit action by inserting a new row into tbl_CallAction.
- * A DtmfAccessId object by inserting a new row into tbl_DtmfAccessId.
- * A primary call handler by inserting a new row into tbl_Callhandler. The DisplayName of the call handler is set to the Alias of the subscriber.
- * A schedule for syncing with a corporate directory by call csp_ScheduleCreate.
- * A NotificationMwi object by call csp_NotificationMwiCreate.
- * A set of notification devices by inserting new rows into tbl_NotificationDevice, tbl_NotificationDeviceConversation, tbl_NotificationDevicePager, tbl_NotificationDeviceSMS, and tbl_NotificationDeviceSMTP.
- * A set of notification rules, criteria and events for each notification device.
- * A mailbox is configured for the subscriber by call csp_MailboxModify.
- * The subscriber is added to the "All Subscribers" distribution list by calling csp_DistributionListMemberCreate.
- * If the parameter @VoiceName contains a value other than NULL, a StreamFile object is created with the value of tbl_StreamFile.FileName = @VoiceName. If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Required	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Optional	@Address	In	inherit	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AddressAfterRecord	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.
Optional	@AddressMode	In	inherit	smallint (2 bytes)	The default method the subscriber will use to address messages to other subscribers.
Optional	@AltFirstName	In	inherit	nvarchar (64 characters)	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AltLastName	In	inherit	nvarchar (64 characters)	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AnnounceUpcoming Meetings	In	inherit	int (4 bytes)	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.
Optional	@AssistantRowsPerPage	In	inherit	int (4 bytes)	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BillingId	In	inherit	nvarchar (32 characters)	Accounting information or project code associated with this user.
Optional	@Building	In	inherit	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).
Optional	@CallAnswerTimeout	In	inherit	int (4 bytes)	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
Optional	@CcmId	In	inherit	nvarchar (128 characters)	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Optional	@CcmIdType	In	inherit	int (4 bytes)	Type of CCM user/object this id refers to (end user, application user, or directory number)

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@City	In	inherit	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Optional	@ClockMode	In	inherit	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Optional	@ConfirmationConfidenceThreshold	In	inherit	int (4 bytes)	Voice Recognition Confirmation Confidence Threshold
Optional	@ConfirmDeleteDeletedMessage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.
Optional	@ConfirmDeleteMessage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Optional	@ConfirmDeleteMultipleMessages	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.
Optional	@ConversationTui	In	inherit	nvarchar (64 characters)	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Optional	@ConversationVui	In	inherit	nvarchar (64 characters)	The VUI conversation assigned to the subscriber.
Optional	@CosObjectId	In	inherit	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Country	In	inherit	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Optional	@DelayAfterGreeting	In	inherit	int (4 bytes)	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Optional	@DeletedMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Optional	@Department	In	inherit	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@EmailAddress	In	inherit	lvarchar (320 characters)	The primary email address of the user. Not used for incoming mail delivery - informational only.
Optional	@EmployeeId	In	inherit	nvarchar (64 characters)	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Optional	@EnableMessageLocator	In	inherit	smallint (2 bytes)	A flag indicating whether the message locator feature is enabled for the subscriber.
Optional	@EnablePersonalRules	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.
Optional	@EnableTts	In	inherit	smallint (2 bytes)	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Optional	@EnableVisualMessageLocator	In	inherit	smallint (2 bytes)	A flag indicating whether the visual message locator feature is enabled for the subscriber.
Optional	@EnAltGreetDontRingPhone	In	inherit	smallint (2 bytes)	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@EnAltGreetPreventMsg	In	inherit	smallint (2 bytes)	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.
Optional	@EnAltGreetPreventSkip	In	inherit	smallint (2 bytes)	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Optional	@EncryptPrivateMessages	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Optional	@EnhancedSecurityAlias	In	inherit	nvarchar (50 characters)	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Optional	@Exit_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@Exit_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@Exit_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@FirstDigitTimeout	In	inherit	int (4 bytes)	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Optional	@ForcedAuthorizationCode	In	inherit	varchar (40 characters)	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Optional	@GreetByName	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Optional	@InboxAutoRefresh	In	inherit	int (4 bytes)	The rate (in minutes) at which Unity Inbox performs a refresh.
Optional	@InboxAutoResolveMessageRecipients	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.
Optional	@InboxMessagesPerPage	In	inherit	int (4 bytes)	The number of messages Unity Inbox displays in a page.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Initials	In	inherit	nvarchar (12 characters)	The initial letters of some or all of the names of this user.
Optional	@InterdigitDelay	In	inherit	int (4 bytes)	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Optional	@IsClockMode24Hour	In	inherit	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Optional	@IsSetForVmEnrollment	In	ignore	smallint (2 bytes)	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.
Optional	@IsVmEnrolled	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.
Optional	@JumpToMessagesOnLogin	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.
Optional	@Language	In	inherit	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Optional	@ListInDirectory	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this user belongs.
Optional	@MailboxDn	In	inherit	lvarchar (392 characters)	The distinguished name of the mailbox.
Optional	@MailboxId	Out	inherit	nvarchar (110 characters)	If @MailboxStoreObjectId is specified, the ID of the new mailbox is returned in this parameter.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MailboxStoreObjectId	In	inherit	char (36 characters)	Specify this value to have a mailbox created and assigned to this user account.
Optional	@MailName	In	ignore	varchar (64 characters)	Name used to construct local-part of an Alias's SmtAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Optional	@Manager	In	inherit	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId
Optional	@MessageAgingPolicy ObjectId	In	inherit	char (36 characters)	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Optional	@MessageLocatorSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Optional	@MessageTypeMenu	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.
Optional	@NewMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort new messages.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@NewMessageStackOrder	In	inherit	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "new" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Optional	@NoLicenseCheck	In	explicit-with-default	smallint (2 bytes)	Disables license checking in this procedure. Set to 1 to prevent license checks from being performed in this procedure.
Optional	@NotificationType	In	inherit	smallint (2 bytes)	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Optional	@ObjectId	Out	inherit	char (36 characters)	The ObjectId of the user to make a Unity Subscriber. If NULL, contains the ObjectId of the newly created object upon returning.
Optional	@PabLastImported	In	inherit	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Optional	@PcaAddressBookRowsPerPage	In	inherit	int (4 bytes)	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Optional	@PcaHomePage	In	inherit	lvarchar (256 characters)	The Home Page is the first page that is displayed after logging in to the PCA.
Optional	@PostalCode	In	inherit	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Optional	@PromptSpeed	In	inherit	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Optional	@PromptVolume	In	inherit	int (4 bytes)	The volume level for playback of system prompts.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ReceiveQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) receive limit.
Optional	@RecordUnknownCallerName	In	inherit	smallint (2 bytes)	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.
Optional	@RepeatMenu	In	inherit	int (4 bytes)	The number of times to repeat a menu in TUI.
Optional	@RingPrimaryPhoneFirst	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.
Optional	@RouteNDRToSender	In	inherit	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Optional	@SavedMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort saved messages.
Optional	@SavedMessageStackOrder	In	inherit	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "saved" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Optional	@SayAltGreetWarning	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.
Optional	@SayAni	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.
Optional	@SayCopiedNames	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SayDistributionList	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Optional	@SayMsgNumber	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.
Optional	@SaySender	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Optional	@SaySenderExtension	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Optional	@SayTimestampAfter	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Optional	@SayTimestampBefore	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Optional	@SayTotalNew	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.
Optional	@SayTotalNewEmail	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.
Optional	@SayTotalNewFax	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Optional	@SayTotalNewVoice	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.
Optional	@SayTotalReceipts	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SayTotalSaved	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Optional	@SendBroadcastMsg	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber may send broadcast messages.
Optional	@SendConv	In	inherit	smallint (2 bytes)	Type of send conversation to use - standard or streamlined.
Optional	@SendQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) send limit.
Optional	@SendReadReceipts	In	inherit	smallint (2 bytes)	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Optional	@SkipPasswordForKnownDevice	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.
Optional	@SpeechCompleteTimeout	In	inherit	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SpeechConfidenceThreshold	In	inherit	int (4 bytes)	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.
Optional	@SpeechIncompleteTimeout	In	inherit	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Optional	@SpeechSensitivity	In	inherit	int (4 bytes)	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SpeechSpeedVsAccuracy	In	inherit	int (4 bytes)	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Optional	@Speed	In	inherit	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.
Optional	@State	In	inherit	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.
Optional	@TemplateAlias	In	ignore	nvarchar (64 characters)	The alias of an existing user template (typically one of the default user templates supplied with the system) on which the creation of this new template shall be based.
Optional	@TemplateObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for this UserTemplate object.
Optional	@TimeLastCall	In	inherit	datetime (8 bytes)	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).
Optional	@TimeZone	In	inherit	int (4 bytes)	The time zone to which this user account is associated.
Optional	@Title	In	inherit	nvarchar (64 characters)	The position or function of a user within an organization, such as 'Vice President.'
Optional	@Undeleteable	In	inherit	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UpdateBroadcastMsg	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Optional	@UseBriefPrompts	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit language from location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit timezone from location.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@UseVui	In	inherit	smallint (2 bytes)	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.
Optional	@VoiceName	In	ignore	varchar (40 characters)	Voice file to use for the subscriber's recorded voice name.
Optional	@VoiceNameRequired	In	inherit	smallint (2 bytes)	A flag indicating whether a recorded voice name is required for this subscriber.
Optional	@Volume	In	inherit	int (4 bytes)	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.
Optional	@WarningQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) warning limit.
Optional	@XferString	In	inherit	nvarchar (40 characters)	The alternate transfer option extension for the primary call handler for the subscriber.

Exceptions

csp_SubscriberCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Alias is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid subscriber template object as specified by @ObjectId was not found. The names of the object (template), parameter (@TemplateObjectId), view (vw_SubscriberTemplate), and columns (Alias, ObjectId) are included with the exception message.
1025	EXCEPTION_LICENSE_VIOLATION	The number of subscribers would exceed the licensed maximum.
1026	EXCEPTION_LICENSE_VIOLATION_FEATURE	The number of subscribers exceeds the allowed number for a licensed feature. The name of the feature is included with the message.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	A system configuration setting was not found. The name of the setting is included in the exception message.

Parameter Properties

@Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Address
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Address." If "tbl_User.Address" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AddressAfterRecord

Property Name	Value
Description:	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AddressAfterRecord
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AddressAfterRecord." If "tbl_UserSubscriber.AddressAfterRecord" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AddressMode

Property Name	Value
Description:	The default method the subscriber will use to address messages to other subscribers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AddressMode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	AddressMode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AddressMode." If "tbl_UserSubscriber.AddressMode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AltFirstName

Property Name	Value
Description:	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.AltFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_User.AltFirstName." If "tbl_User.AltFirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AltLastName

Property Name	Value
Description:	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.AltLastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_User.AltLastName." If "tbl_User.AltLastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AnnounceUpcomingMeetings

Property Name	Value
Description:	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_UserSubscriber.AnnounceUpcomingMeetings
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AnnounceUpcomingMeetings." If "tbl_UserSubscriber.AnnounceUpcomingMeetings" can be NULL, then explicit NULL is allowed.
Default Value:	60
Direction:	In
Update Column Value From Parameter:	True

@AssistantRowsPerPage

Property Name	Value
Description:	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AssistantRowsPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AssistantRowsPerPage." If "tbl_UserSubscriber.AssistantRowsPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.BillingId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.BillingId." If "tbl_User.BillingId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Building
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Building." If "tbl_User.Building" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CallAnswerTimeout

Property Name	Value
Description:	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.CallAnswerTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.CallAnswerTimeout." If "tbl_UserSubscriber.CallAnswerTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@CcmId

Property Name	Value
Description:	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CcmId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.CcmId." If "tbl_User.CcmId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmIdType

Property Name	Value
Description:	Type of CCM user/object this id refers to (end user, application user, or directory number)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CcmIdType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CcmIdType
Null Handling:	Inherit - inherit parameter value from "tbl_User.CcmIdType." If "tbl_User.CcmIdType" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.City
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.City." If "tbl_User.City" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ClientMatterCode." If "tbl_UserSubscriber.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ClockMode

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ClockMode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	ClockMode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ClockMode." If "tbl_UserSubscriber.ClockMode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmationConfidenceThreshold

Property Name	Value
Description:	Voice Recognition Confirmation Confidence Threshold
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmationConfidenceThreshold
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmationConfidenceThreshold." If "tbl_UserSubscriber.ConfirmationConfidenceThreshold" can be NULL, then explicit NULL is allowed.
Default Value:	60
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteDeletedMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteDeletedMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteDeletedMessage." If "tbl_UserSubscriber.ConfirmDeleteDeletedMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteMessage." If "tbl_UserSubscriber.ConfirmDeleteMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteMultipleMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteMultipleMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteMultipleMessages." If "tbl_UserSubscriber.ConfirmDeleteMultipleMessages" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ConversationTui

Property Name	Value
Description:	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConversationTui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConversationTui." If "tbl_UserSubscriber.ConversationTui" can be NULL, then explicit NULL is allowed.
Default Value:	SubMenu
Direction:	In
Update Column Value From Parameter:	True

@ConversationVui

Property Name	Value
Description:	The VUI conversation assigned to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConversationVui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConversationVui." If "tbl_UserSubscriber.ConversationVui" can be NULL, then explicit NULL is allowed.
Default Value:	VuiStart
Direction:	In
Update Column Value From Parameter:	True

@CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CosObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_User.CosObjectId." If "tbl_User.CosObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Country
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Country." If "tbl_User.Country" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DelayAfterGreeting

Property Name	Value
Description:	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.DelayAfterGreeting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.DelayAfterGreeting." If "tbl_UserSubscriber.DelayAfterGreeting" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DeletedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_UserSubscriber.DeletedMessageSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.DeletedMessageSortOrder." If "tbl_UserSubscriber.DeletedMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Department
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Department." If "tbl_User.Department" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DirectoryId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_User.DirectoryId." If "tbl_User.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Inherit - inherit parameter value from "tbl_User.DisplayName." If "tbl_User.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EmailAddress

Property Name	Value
Description:	The primary email address of the user. Not used for incoming mail delivery - informational only.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EmailAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	EmailAddress
Null Handling:	Inherit - inherit parameter value from "tbl_User.EmailAddress." If "tbl_User.EmailAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EmployeeId

Property Name	Value
Description:	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EmployeeId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.EmployeeId." If "tbl_User.EmployeeId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@EnableMessageLocator

Property Name	Value
Description:	A flag indicating whether the message locator feature is enabled for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableMessageLocator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableMessageLocator." If "tbl_UserSubscriber.EnableMessageLocator" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnablePersonalRules

Property Name	Value
Description:	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnablePersonalRules
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnablePersonalRules." If "tbl_UserSubscriber.EnablePersonalRules" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@EnableTts

Property Name	Value
Description:	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableTts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableTts." If "tbl_UserSubscriber.EnableTts" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@EnableVisualMessageLocator

Property Name	Value
Description:	A flag indicating whether the visual message locator feature is enabled for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableVisualMessageLocator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableVisualMessageLocator." If "tbl_UserSubscriber.EnableVisualMessageLocator" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetDontRingPhone

Property Name	Value
Description:	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetDontRingPhone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetDontRingPhone." If "tbl_UserSubscriber.EnAltGreetDontRingPhone" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetPreventMsg

Property Name	Value
Description:	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetPreventMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetPreventMsg." If "tbl_UserSubscriber.EnAltGreetPreventMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetPreventSkip

Property Name	Value
Description:	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetPreventSkip
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetPreventSkip." If "tbl_UserSubscriber.EnAltGreetPreventSkip" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EncryptPrivateMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EncryptPrivateMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EncryptPrivateMessages." If "tbl_UserSubscriber.EncryptPrivateMessages" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnhancedSecurityAlias

Property Name	Value
Description:	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EnhancedSecurityAlias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (50 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.EnhancedSecurityAlias." If "tbl_User.EnhancedSecurityAlias" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Exit_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@FirstDigitTimeout

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.FirstDigitTimeout

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.FirstDigitTimeout." If "tbl_UserSubscriber.FirstDigitTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	5000
Direction:	In
Update Column Value From Parameter:	True

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.FirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_User.FirstName." If "tbl_User.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ForcedAuthorizationCode

Property Name	Value
Description:	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)

Property Name	Value
Custom Type:	ForcedAuthorizationCode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ForcedAuthorizationCode." If "tbl_UserSubscriber.ForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@GreetByName

Property Name	Value
Description:	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.GreetByName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.GreetByName." If "tbl_UserSubscriber.GreetByName" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@InboxAutoRefresh

Property Name	Value
Description:	The rate (in minutes) at which Unity Inbox performs a refresh.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxAutoRefresh
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxAutoRefresh." If "tbl_UserSubscriber.InboxAutoRefresh" can be NULL, then explicit NULL is allowed.
Default Value:	15
Direction:	In
Update Column Value From Parameter:	True

@InboxAutoResolveMessageRecipients

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxAutoResolveMessageRecipients
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxAutoResolveMessageRecipients." If "tbl_UserSubscriber.InboxAutoResolveMessageRecipients" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@InboxMessagesPerPage

Property Name	Value
Description:	The number of messages Unity Inbox displays in a page.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxMessagesPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxMessagesPerPage." If "tbl_UserSubscriber.InboxMessagesPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	20
Direction:	In
Update Column Value From Parameter:	True

@Initials

Property Name	Value
Description:	The initial letters of some or all of the names of this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Initials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Initials." If "tbl_User.Initials" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@InterdigitDelay

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InterdigitDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InterdigitDelay." If "tbl_UserSubscriber.InterdigitDelay" can be NULL, then explicit NULL is allowed.
Default Value:	3000

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@IsClockMode24Hour

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.IsClockMode24Hour
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.IsClockMode24Hour." If "tbl_UserSubscriber.IsClockMode24Hour" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsSetForVmEnrollment

Property Name	Value
Description:	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsVmEnrolled

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.IsVmEnrolled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.IsVmEnrolled." If "tbl_UserSubscriber.IsVmEnrolled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@JumpToMessagesOnLogin

Property Name	Value
Description:	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.JumpToMessagesOnLogin
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.JumpToMessagesOnLogin." If "tbl_UserSubscriber.JumpToMessagesOnLogin" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_User.Language." If "tbl_User.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.LastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_User.LastName." If "tbl_User.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ListInDirectory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ListInDirectory." If "tbl_UserSubscriber.ListInDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this user belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.LocationObjectId." If "tbl_User.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.MailboxDn

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (392 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.MailboxDn." If "tbl_User.MailboxDn" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailboxId

Property Name	Value
Description:	If @MailboxStoreObjectId is specified, the ID of the new mailbox is returned in this parameter.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@MailboxStoreObjectId

Property Name	Value
Description:	Specify this value to have a mailbox created and assigned to this user account.
Notes:	This will cause a cross-database call to be made to the UnityMbx database to create a mailbox and assign it to this user account.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxStoreObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxStoreObjectId." If "tbl_MailboxMap.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailName

Property Name	Value
Description:	Name used to construct local-part of an Alias's SmtAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Notes:	<p>The syntax specification defined by the Messaging Team, references RFC 2282 (Internet Message Format).</p> <p>Syntax specification: Email Address= Local-Part '@' Domain Name where</p> <p>Local-Part (Max size : 64)</p> <ul style="list-style-type: none"> * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character ' ' is allowed but it cannot be the first or last character in the local-part.
Business Rules:	
Developer Notes:	This is varchar(64) to match size of Alias (nvarchar(64))
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	MailName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Manager
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Manager." If "tbl_User.Manager" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MediaSwitchObjectId." If "tbl_UserSubscriber.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MessageAgingPolicyObjectId

Property Name	Value
Description:	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.MessageAgingPolicyObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.MessageAgingPolicyObjectId." If "tbl_UserTemplate.MessageAgingPolicyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MessageLocatorSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MessageLocatorSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MessageLocatorSortOrder." If "tbl_UserSubscriber.MessageLocatorSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MessageTypeMenu

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MessageTypeMenu
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MessageTypeMenu." If "tbl_UserSubscriber.MessageTypeMenu" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@NewMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort new messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.NewMessageSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.NewMessageSortOrder." If "tbl_UserSubscriber.NewMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@NewMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "new" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.NewMessageStackOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (7 characters)
Custom Type:	MessageStackOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.NewMessageStackOrder." If "tbl_UserSubscriber.NewMessageStackOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1234567
Direction:	In
Update Column Value From Parameter:	True

@NoLicenseCheck

Property Name	Value
Description:	Disables license checking in this procedure. Set to 1 to prevent license checks from being performed in this procedure.
Notes:	The default is 0 so that license check do occur - this is normally the desired behavior, since otherwise license violations will be caught later. The license checks in this procedure are "soft checks", designed to alert administrators but not to be relied upon for enforcement. It may be desirable at times to override the checks, such as when licenses are going to be purchased in the very near future but the subscriber additions need to be made immediately.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0."
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@NotificationType

Property Name	Value
Description:	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.NotificationType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NotificationType
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.NotificationType." If "tbl_UserTemplate.NotificationType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The ObjectId of the user to make a Unity Subscriber. If NULL, contains the ObjectId of the newly created object upon returning.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PabLastImported
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PabLastImported." If "tbl_User.PabLastImported" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PcaAddressBookRowsPerPage

Property Name	Value
Description:	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PcaAddressBookRowsPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PcaAddressBookRowsPerPage." If "tbl_UserSubscriber.PcaAddressBookRowsPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@PcaHomePage

Property Name	Value
Description:	The Home Page is the first page that is displayed after logging in to the PCA.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PcaHomePage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PcaHomePage." If "tbl_UserSubscriber.PcaHomePage" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PostalCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PostalCode." If "tbl_User.PostalCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PromptSpeed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PromptSpeed
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PromptSpeed." If "tbl_UserSubscriber.PromptSpeed" can be NULL, then explicit NULL is allowed.
Default Value:	100
Direction:	In
Update Column Value From Parameter:	True

@PromptVolume

Property Name	Value
Description:	The volume level for playback of system prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PromptVolume
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	Volume
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PromptVolume." If "tbl_UserSubscriber.PromptVolume" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ReadOnly
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.ReadOnly." If "tbl_User.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ReceiveQuota

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ReceiveQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ReceiveQuota." If "tbl_UserTemplate.ReceiveQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	False

@RecordUnknownCallerName

Property Name	Value
Description:	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RecordUnknownCallerName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RecordUnknownCallerName." If "tbl_UserSubscriber.RecordUnknownCallerName" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@RepeatMenu

Property Name	Value
Description:	The number of times to repeat a menu in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RepeatMenu
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RepeatMenu." If "tbl_UserSubscriber.RepeatMenu" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@RingPrimaryPhoneFirst

Property Name	Value
Description:	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RingPrimaryPhoneFirst
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RingPrimaryPhoneFirst." If "tbl_UserSubscriber.RingPrimaryPhoneFirst" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RouteNDRTToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.RouteNDRTToSender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.RouteNDRTToSender." If "tbl_User.RouteNDRTToSender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SavedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort saved messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SavedMessageSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SavedMessageSortOrder." If "tbl_UserSubscriber.SavedMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@SavedMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "saved" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SavedMessageStackOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (7 characters)
Custom Type:	MessageStackOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SavedMessageStackOrder." If "tbl_UserSubscriber.SavedMessageStackOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1234567
Direction:	In
Update Column Value From Parameter:	True

@SayAltGreetWarning

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayAltGreetWarning
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayAltGreetWarning." If "tbl_UserSubscriber.SayAltGreetWarning" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayAni

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayAni
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayAni." If "tbl_UserSubscriber.SayAni" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayCopiedNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayCopiedNames
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayCopiedNames." If "tbl_UserSubscriber.SayCopiedNames" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayDistributionList

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayDistributionList
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayDistributionList." If "tbl_UserSubscriber.SayDistributionList" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayMsgNumber

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayMsgNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayMsgNumber." If "tbl_UserSubscriber.SayMsgNumber" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SaySender

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SaySender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SaySender." If "tbl_UserSubscriber.SaySender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SaySenderExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_UserSubscriber.SaySenderExtension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SaySenderExtension." If "tbl_UserSubscriber.SaySenderExtension" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTimestampAfter

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTimestampAfter
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTimestampAfter." If "tbl_UserSubscriber.SayTimestampAfter" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayTimestampBefore

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTimestampBefore

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTimestampBefore." If "tbl_UserSubscriber.SayTimestampBefore" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNew

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNew
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNew." If "tbl_UserSubscriber.SayTotalNew" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewEmail

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewEmail
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewEmail." If "tbl_UserSubscriber.SayTotalNewEmail" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewFax

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewFax
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewFax." If "tbl_UserSubscriber.SayTotalNewFax" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewVoice

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewVoice
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewVoice." If "tbl_UserSubscriber.SayTotalNewVoice" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayTotalReceipts

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalReceipts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalReceipts." If "tbl_UserSubscriber.SayTotalReceipts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalSaved

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalSaved
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalSaved." If "tbl_UserSubscriber.SayTotalSaved" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber may send broadcast messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SendBroadcastMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SendBroadcastMsg." If "tbl_UserSubscriber.SendBroadcastMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SendConv

Property Name	Value
Description:	Type of send conversation to use - standard or streamlined.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SendConv
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SendConverationType
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SendConv." If "tbl_UserSubscriber.SendConv" can be NULL, then explicit NULL is allowed.
Default Value:	1

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@SendQuota

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.SendQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.SendQuota." If "tbl_UserTemplate.SendQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	False

@SendReadReceipts

Property Name	Value
Description:	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.SendReadReceipts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.SendReadReceipts." If "tbl_UserTemplate.SendReadReceipts" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	False

@SkipPasswordForKnownDevice

Property Name	Value
Description:	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SkipPasswordForKnownDevice
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SkipPasswordForKnownDevice." If "tbl_UserSubscriber.SkipPasswordForKnownDevice" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SpeechCompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechCompleteTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechCompleteTimeout." If "tbl_UserSubscriber.SpeechCompleteTimeout" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	300
Direction:	In
Update Column Value From Parameter:	True

@SpeechConfidenceThreshold

Property Name	Value
Description:	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechConfidenceThreshold
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechConfidenceThreshold." If "tbl_UserSubscriber.SpeechConfidenceThreshold" can be NULL, then explicit NULL is allowed.
Default Value:	45
Direction:	In
Update Column Value From Parameter:	True

@SpeechIncompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechIncompleteTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechIncompleteTimeout." If "tbl_UserSubscriber.SpeechIncompleteTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	750
Direction:	In
Update Column Value From Parameter:	True

@SpeechSensitivity

Property Name	Value
Description:	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechSensitivity
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechSensitivity." If "tbl_UserSubscriber.SpeechSensitivity" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@SpeechSpeedVsAccuracy

Property Name	Value
Description:	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechSpeedVsAccuracy
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechSpeedVsAccuracy." If "tbl_UserSubscriber.SpeechSpeedVsAccuracy" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@Speed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.Speed
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.Speed." If "tbl_UserSubscriber.Speed" can be NULL, then explicit NULL is allowed.
Default Value:	100
Direction:	In
Update Column Value From Parameter:	True

@State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.State
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.State." If "tbl_User.State" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TemplateAlias

Property Name	Value
Description:	The alias of an existing user template (typically one of the default user templates supplied with the system) on which the creation of this new template shall be based.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TemplateObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for this UserTemplate object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ObjectId." If "tbl_UserTemplate.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TimeLastCall

Property Name	Value
Description:	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.TimeLastCall
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.TimeLastCall." If "tbl_UserSubscriber.TimeLastCall" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.TimeZone." If "tbl_User.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Title

Property Name	Value
Description:	The position or function of a user within an organization, such as 'Vice President.'
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Title
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Title." If "tbl_User.Title" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.Undeletable." If "tbl_User.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UpdateBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UpdateBroadcastMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UpdateBroadcastMsg." If "tbl_UserSubscriber.UpdateBroadcastMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseBriefPrompts

Property Name	Value
Description:	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UseBriefPrompts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UseBriefPrompts." If "tbl_UserSubscriber.UseBriefPrompts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the user inherit language from location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the user inherit timezone from location.
Notes:	See vw_User.UseDefaultTimeZone for more information.
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseVui

Property Name	Value
Description:	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UseVui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UseVui." If "tbl_UserSubscriber.UseVui" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for the subscriber's recorded voice name.
Notes:	If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.
Business Rules:	
Developer Notes:	See csp_AllocateVoiceFile for more information.
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@VoiceNameRequired

Property Name	Value
Description:	A flag indicating whether a recorded voice name is required for this subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.VoiceNameRequired
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.VoiceNameRequired." If "tbl_UserSubscriber.VoiceNameRequired" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Volume

Property Name	Value
Description:	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.Volume
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	Volume

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.Volume." If "tbl_UserSubscriber.Volume" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@WarningQuota

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.WarningQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.WarningQuota." If "tbl_UserTemplate.WarningQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	False

@XferString

Property Name	Value
Description:	The alternate transfer option extension for the primary call handler for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.XferString
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.XferString." If "tbl_UserSubscriber.XferString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

6.292. csp_SubscriberDelete

Deletes a voice mail user (subscriber).

Additional Information

This procedure calls csp_UserDelete, which removes all subscriber related objects including removing this subscriber from tbl_UserSubscriber. See csp_UserDelete for more information.

To delete a user without voice mail, use csp_UserDelete.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The unique identifier of the Subscriber to delete.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ReplacementSubscriberObjectId	In	ignore	char (36 characters)	Any references to subscriber being deleted will be replaced with this subscriber.

Exceptions

csp_SubscriberDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid subscriber object as specified by @ObjectId was not found. The names of the object (subscriber), parameter (@ObjectId), view (vw_Subscriber), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The unique identifier of the Subscriber to delete.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ObjectId." If "tbl_UserSubscriber.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ReplacementSubscriberObjectId

Property Name	Value
Description:	Any references to subscriber being deleted will be replaced with this subscriber.
Notes:	This is an optional parameter. By default, no replacements will be made and the delete will fail if there are any references.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.293. csp_SubscriberExternalServiceMapCreate

Creates a mapping of a user with an external service such as IMAP, WebDav or MPE.

Additional Information

To create a mapping for a user with an external service, provide the @ExternalServiceObjectId, @UserId and @SubscriberObjectId parameters.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ExternalServiceObjectId	In	inherit	char (36 characters)	The unique identifier of the external service object to which the user is mapped.
Required	@SubscriberObjectId	In	inherit	char (36 characters)	The unique identifier of the User account object that is mapped to the external service.
Required	@UserId	In	inherit	nvarchar (110 characters)	The unique text name (e.g., logon name) used by the User to logon to the service.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@LoginType	In	inherit	int (4 bytes)	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it).
Optional	@UserPassword	In	inherit	varchar (254 characters)	The user password for logon to the external service.
Optional	@WebdavUrl	In	inherit	lvarchar (256 characters)	Relative URL for accessing user's calendar and contact information on the external service.

Exceptions

csp_SubscriberExternalServiceMapCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@ExternalServiceObjectId, @UserId, @SubscriberObjectId) is NULL. The name of the missing parameter is included with the exception message.

Error #	Name	Description
1004	EXCEPTION_OBJECT_NOTFOUND	The ExternalServiceObjectId for the specified MailboxStore was not found. The names of the object (Mailbox store), table (tbl_MailboxStoreMap), and column (MailboxStoreObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ExternalServiceObjectId

Property Name	Value
Description:	The unique identifier of the external service object to which the user is mapped.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxStoreObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxStoreObjectId." If "tbl_MailboxMap.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it).
Notes:	Applies only to MPE external service currently. Default is to use the user alias.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxLoginType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailboxLoginType
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxLoginType." If "tbl_MailboxMap.MailboxLoginType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@SubscriberObjectId

Property Name	Value
Description:	The unique identifier of the User account object that is mapped to the external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.UserObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.UserObjectId." If "tbl_MailboxMap.UserObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UserId

Property Name	Value
Description:	The unique text name (e.g., logon name) used by the User to logon to the service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UserPassword

Property Name	Value
Description:	The user password for logon to the external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxPassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxPassword." If "tbl_MailboxMap.MailboxPassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@WebdavUrl

Property Name	Value
Description:	Relative URL for accessing user's calendar and contact information on the external service.
Notes:	This is usually a url comprised of the UserId, but that is not always the case, so it is in a separate column.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.WebdavUrl
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.WebdavUrl." If "tbl_MailboxMap.WebdavUrl" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.294. csp_SubscriberExternalServiceMapDelete

Deletes a specified mapping of an external service with a user.

Additional Information

The identifier of the external service and user logon name (UserId) must be provided via the input parameters.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ExternalServiceObjectId	In	inherit	char (36 characters)	The unique identifier of the external service object to which the user is mapped.
Required	@UserId	In	inherit	nvarchar (110 characters)	The unique text name (e.g., logon name) used by the User to logon to the service.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_SubscriberExternalServiceMapDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@UserId and @ExternalServiceObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The UserId for the specified ExternalService was not found. The names of the object (Mailbox map), table (tbl_MailboxMap), and columns (MailboxStoreObjectId and MailboxId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ExternalServiceObjectId

Property Name	Value
Description:	The unique identifier of the external service object to which the user is mapped.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_MailboxMap.MailboxStoreObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxStoreObjectId." If "tbl_MailboxMap.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UserId

Property Name	Value
Description:	The unique text name (e.g., logon name) used by the User to logon to the service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.295. csp_SubscriberExternalServiceMapModify

Updates the attributes of a specified instance of a SubscriberExternalServiceMap object based on the values passed in via the parameters.

Additional Information

The identifier of the MailboxStore, User and Mailbox must be provided via the input parameters.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ExternalServiceObjectId	In	inherit	char (36 characters)	The unique identifier of the external service object to which the user is mapped.
Required	@UserId	In	inherit	nvarchar (110 characters)	The unique text name (e.g., logon name) used by the User to logon to the service.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@LastGuiAccessTime	In	inherit	datetime (8 bytes)	The last time the user accessed the external service through the GUI (e.g., CPCA, IMAP client).
Optional	@LastTuiAccessTime	In	inherit	datetime (8 bytes)	The last time the user accessed the external service through the TUI.
Optional	@LoginType	In	inherit	int (4 bytes)	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it).
Optional	@UserPassword	In	inherit	varchar (254 characters)	The user password for logon to the external service.
Optional	@WebdavUrl	In	inherit	lvarchar (256 characters)	Relative URL for accessing user's calendar and contact information on the external service.

Exceptions

csp_SubscriberExternalServiceMapModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@UserId and @ExternalServiceObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The UserId for the specified ExternalService was not found. The names of the object (Mailbox map), table (tbl_MailboxMap), and columns (MailboxStoreObjectId and MailboxId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)

Property Name	Value
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ExternalServiceObjectId

Property Name	Value
Description:	The unique identifier of the external service object to which the user is mapped.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxStoreObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxStoreObjectId." If "tbl_MailboxMap.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@LastGuiAccessTime

Property Name	Value
Description:	The last time the user accessed the external service through the GUI (e.g., CPCA, IMAP client).
Notes:	A NULL value indicates the external service has never been access via the GUI. Timestamp stored in GMT/UTC.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.LastGuiAccessTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.LastGuiAccessTime." If "tbl_MailboxMap.LastGuiAccessTime" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LastTuiAccessTime

Property Name	Value
Description:	The last time the user accessed the external service through the TUI.
Notes:	A NULL value indicates the external service has never been access via the TUI. Timestamp stored in GMT/UTC.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.LastTuiAccessTime
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.LastTuiAccessTime." If "tbl_MailboxMap.LastTuiAccessTime" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@LoginType

Property Name	Value
Description:	Type of login to use - user alias, login as guest, or login using MailboxId (or part of it).
Notes:	Applies only to MPE external service currently. Default is to use the user alias.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxLoginType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	MailboxLoginType

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxLoginType." If "tbl_MailboxMap.MailboxLoginType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UserId

Property Name	Value
Description:	The unique text name (e.g., logon name) used by the User to logon to the service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UserPassword

Property Name	Value
Description:	The user password for logon to the external service.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxPassword
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (254 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxPassword." If "tbl_MailboxMap.MailboxPassword" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@WebdavUrl

Property Name	Value
Description:	Relative URL for accessing user's calendar and contact information on the external service.
Notes:	This is usually a url comprised of the UserId, but that is not always the case, so it is in a separate column.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.WebdavUrl
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.WebdavUrl." If "tbl_MailboxMap.WebdavUrl" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.296. csp_SubscriberModify

Updates the attributes of a voice mail user (subscriber) based on the values passed in.

Additional Information

In addition to updating the properties of the specified UserSubscriber object in tbl_UserSubscriber, associate DtmfAccessId in tbl_DtmfAccessId, and associated CallAction object in tbl_CallAction, this procedure calls csp_UserModify to update all subscriber related objects including tbl_User. See csp_UserModify for more information.

To modify a user that does not have voice mail, use csp_UserModify. csp_UserModify may be used to modify voice mail users as well, but not the voice mail specific attributes.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The unique identifier of the subscriber to modify.
Optional	@Address	In	inherit	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Optional	@AddressAfterRecord	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.
Optional	@AddressMode	In	inherit	smallint (2 bytes)	The default method the subscriber will use to address messages to other subscribers.
Optional	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@AltFirstName	In	inherit	nvarchar (64 characters)	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AltLastName	In	inherit	nvarchar (64 characters)	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AnnounceUpcomingMeetings	In	inherit	int (4 bytes)	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.
Optional	@AssistantRowsPerPage	In	inherit	int (4 bytes)	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BillingId	In	inherit	nvarchar (32 characters)	Accounting information or project code associated with this user.
Optional	@Building	In	inherit	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).
Optional	@CallAnswerTimeout	In	inherit	int (4 bytes)	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
Optional	@CcmId	In	inherit	nvarchar (128 characters)	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Optional	@CcmIdType	In	inherit	int (4 bytes)	Type of CCM user/object this id refers to (end user, application user, or directory number)
Optional	@City	In	inherit	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Optional	@ClockMode	In	inherit	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Optional	@ConfirmationConfidenceThreshold	In	inherit	int (4 bytes)	Voice Recognition Confirmation Confidence Threshold

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ConfirmDeleteDeletedMessage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.
Optional	@ConfirmDeleteMessage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Optional	@ConfirmDeleteMultipleMessages	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.
Optional	@ConversationTui	In	inherit	nvarchar (64 characters)	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Optional	@ConversationVui	In	inherit	nvarchar (64 characters)	The VUI conversation assigned to the subscriber.
Optional	@CosObjectId	In	inherit	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Optional	@Country	In	inherit	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Optional	@DelayAfterGreeting	In	inherit	int (4 bytes)	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Optional	@DeletedMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Optional	@Department	In	inherit	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DisplayName	In	ignore	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DtmfAccessId	In	inherit	nvarchar (40 characters)	The dialable number.
Optional	@EmailAddress	In	inherit	lvarchar (320 characters)	The primary email address of the user. Not used for incoming mail delivery - informational only.
Optional	@EmployeeId	In	inherit	nvarchar (64 characters)	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Optional	@EnableMessageLocator	In	inherit	smallint (2 bytes)	A flag indicating whether the message locator feature is enabled for the subscriber.
Optional	@EnablePersonalRules	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.
Optional	@EnableTts	In	inherit	smallint (2 bytes)	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Optional	@EnableVisualMessageLocator	In	inherit	smallint (2 bytes)	A flag indicating whether the visual message locator feature is enabled for the subscriber.
Optional	@EnAltGreetDontRingPhone	In	inherit	smallint (2 bytes)	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.
Optional	@EnAltGreetPreventMsg	In	inherit	smallint (2 bytes)	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.
Optional	@EnAltGreetPreventSkip	In	inherit	smallint (2 bytes)	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Optional	@EncryptPrivateMessages	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Optional	@EnhancedSecurityAlias	In	inherit	nvarchar (50 characters)	The unique text name used to identify and authenticate the user with an RSA SecurID security system.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Exit_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@Exit_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@Exit_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@ExitCallActionObjectId	In	inherit	char (36 characters)	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.
Optional	@FirstDigitTimeout	In	inherit	int (4 bytes)	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Optional	@ForcedAuthorizationCode	In	inherit	varchar (40 characters)	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Optional	@GreetByName	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Optional	@InboxAutoRefresh	In	inherit	int (4 bytes)	The rate (in minutes) at which Unity Inbox performs a refresh.
Optional	@InboxAutoResolveMessageRecipients	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.
Optional	@InboxMessagesPerPage	In	inherit	int (4 bytes)	The number of messages Unity Inbox displays in a page.
Optional	@Initials	In	inherit	nvarchar (12 characters)	The initial letters of some or all of the names of this user.
Optional	@InterdigitDelay	In	inherit	int (4 bytes)	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Optional	@IsClockMode24Hour	In	inherit	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@IsSetForVmEnrollment	In	ignore	smallint (2 bytes)	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.
Optional	@IsVmEnrolled	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.
Optional	@JumpToMessagesOnLogin	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.
Optional	@Language	In	inherit	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Optional	@ListInDirectory	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.
Optional	@MailboxDn	In	inherit	lvarchar (392 characters)	The distinguished name of the mailbox.
Optional	@MailName	In	ignore	varchar (64 characters)	Name used to construct local-part of an Alias's SmtpAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtpAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Optional	@Manager	In	inherit	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.
Optional	@MediaSwitchId	In	inherit	char (36 characters)	** obsolete -please use MediaSwitchObjectId

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId
Optional	@MessageLocatorSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Optional	@MessageTypeMenu	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.
Optional	@NewMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort new messages.
Optional	@NewMessageStackOrder	In	inherit	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "new" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Optional	@NoLicenseCheck	In	explicit	smallint (2 bytes)	Disables license checking in this procedure. Set to 1 to prevent license checks from being performed in this procedure.
Optional	@PabLastImported	In	inherit	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Optional	@PcaAddressBookRowsPerPage	In	inherit	int (4 bytes)	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Optional	@PcaHomePage	In	inherit	lvarchar (256 characters)	The Home Page is the first page that is displayed after logging in to the PCA.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@PostalCode	In	inherit	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Optional	@PromptSpeed	In	inherit	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Optional	@PromptVolume	In	inherit	int (4 bytes)	The volume level for playback of system prompts.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.
Optional	@RecordUnknownCallerName	In	inherit	smallint (2 bytes)	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.
Optional	@RepeatMenu	In	inherit	int (4 bytes)	The number of times to repeat a menu in TUI.
Optional	@RingPrimaryPhoneFirst	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.
Optional	@RouteNDRToSender	In	inherit	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Optional	@SavedMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort saved messages.
Optional	@SavedMessageStackOrder	In	inherit	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "saved" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Optional	@SayAltGreetWarning	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SayAni	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.
Optional	@SayCopiedNames	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.
Optional	@SayDistributionList	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Optional	@SayMsgNumber	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.
Optional	@SaySender	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Optional	@SaySenderExtension	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Optional	@SayTimestampAfter	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Optional	@SayTimestampBefore	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Optional	@SayTotalNew	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.
Optional	@SayTotalNewEmail	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SayTotalNewFax	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Optional	@SayTotalNewVoice	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.
Optional	@SayTotalReceipts	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.
Optional	@SayTotalSaved	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Optional	@SendBroadcastMsg	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber may send broadcast messages.
Optional	@SendConv	In	inherit	smallint (2 bytes)	Type of send conversation to use - standard or streamlined.
Optional	@SkipPasswordForKnownDevice	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.
Optional	@SpeechCompleteTimeout	In	inherit	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SpeechConfidenceThreshold	In	inherit	int (4 bytes)	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.
Optional	@SpeechIncompleteTimeout	In	inherit	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Optional	@SpeechSensitivity	In	inherit	int (4 bytes)	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SpeechSpeedVsAccuracy	In	inherit	int (4 bytes)	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Optional	@Speed	In	inherit	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.
Optional	@State	In	inherit	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.
Optional	@TimeLastCall	In	inherit	datetime (8 bytes)	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).
Optional	@TimeZone	In	inherit	int (4 bytes)	The time zone to which this user account is associated.
Optional	@Title	In	inherit	nvarchar (64 characters)	The position or function of a user within an organization, such as 'Vice President.'
Optional	@Undeleteable	In	inherit	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UpdateBroadcastMsg	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Optional	@UseBriefPrompts	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit language from location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit timezone from location.
Optional	@UseVui	In	inherit	smallint (2 bytes)	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.
Optional	@VoiceName	In	explicit	varchar (40 characters)	Voice file to use for the subscriber's recorded voice name.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@VoiceNameRequired	In	inherit	smallint (2 bytes)	A flag indicating whether a recorded voice name is required for this subscriber.
Optional	@Volume	In	inherit	int (4 bytes)	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.
Optional	@XferString	In	inherit	nvarchar (40 characters)	The alternate transfer option extension for the primary call handler for the subscriber.

Exceptions

csp_SubscriberModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause Object Not Found to be thrown: 1. The Subscriber object specified by @ObjectId was not found. The names of the object (Subscriber), table (tbl_UserSubscriber), and column (ObjectId) are included with the exception message. 2. The NotificationMwi with UsePrimaryExtension = 1 and SubscriberObjectId = @ObjectId was not found. The names of the object (Notification MWI), table (tbl_NotificationMwi), and column (SubscriberObjectId) are included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid subscriber object as specified by @ObjectId was not found. The names of the object (subscriber), parameter (@ObjectId), view (vw_Subscriber), and column (ObjectId) are included with the exception message.
1026	EXCEPTION_LICENSE_VIOLATION_FEATURE	The number of subscribers exceeds the allowed number for a licensed feature. The name of the feature is included with the message.

Parameter Properties

@Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Address
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Address." If "tbl_User.Address" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AddressAfterRecord

Property Name	Value
Description:	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AddressAfterRecord
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AddressAfterRecord." If "tbl_UserSubscriber.AddressAfterRecord" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AddressMode

Property Name	Value
Description:	The default method the subscriber will use to address messages to other subscribers.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AddressMode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	AddressMode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AddressMode." If "tbl_UserSubscriber.AddressMode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AltFirstName

Property Name	Value
Description:	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_User.AltFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_User.AltFirstName." If "tbl_User.AltFirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AltLastName

Property Name	Value
Description:	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.AltLastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_User.AltLastName." If "tbl_User.AltLastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AnnounceUpcomingMeetings

Property Name	Value
Description:	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AnnounceUpcomingMeetings
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AnnounceUpcomingMeetings." If "tbl_UserSubscriber.AnnounceUpcomingMeetings" can be NULL, then explicit NULL is allowed.
Default Value:	60
Direction:	In
Update Column Value From Parameter:	True

@AssistantRowsPerPage

Property Name	Value
Description:	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AssistantRowsPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AssistantRowsPerPage." If "tbl_UserSubscriber.AssistantRowsPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.BillingId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.BillingId." If "tbl_User.BillingId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Building
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Building." If "tbl_User.Building" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CallAnswerTimeout

Property Name	Value
Description:	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.CallAnswerTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.CallAnswerTimeout." If "tbl_UserSubscriber.CallAnswerTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@CcmId

Property Name	Value
Description:	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CcmId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.CcmId." If "tbl_User.CcmId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmIdType

Property Name	Value
Description:	Type of CCM user/object this id refers to (end user, application user, or directory number)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CcmIdType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CcmIdType
Null Handling:	Inherit - inherit parameter value from "tbl_User.CcmIdType." If "tbl_User.CcmIdType" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.City
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.City." If "tbl_User.City" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ClientMatterCode." If "tbl_UserSubscriber.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ClockMode

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ClockMode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	ClockMode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ClockMode." If "tbl_UserSubscriber.ClockMode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmationConfidenceThreshold

Property Name	Value
Description:	Voice Recognition Confirmation Confidence Threshold
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmationConfidenceThreshold
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmationConfidenceThreshold." If "tbl_UserSubscriber.ConfirmationConfidenceThreshold" can be NULL, then explicit NULL is allowed.
Default Value:	60
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteDeletedMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteDeletedMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteDeletedMessage." If "tbl_UserSubscriber.ConfirmDeleteDeletedMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteMessage." If "tbl_UserSubscriber.ConfirmDeleteMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteMultipleMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteMultipleMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteMultipleMessages." If "tbl_UserSubscriber.ConfirmDeleteMultipleMessages" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ConversationTui

Property Name	Value
Description:	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConversationTui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConversationTui." If "tbl_UserSubscriber.ConversationTui" can be NULL, then explicit NULL is allowed.
Default Value:	SubMenu
Direction:	In
Update Column Value From Parameter:	True

@ConversationVui

Property Name	Value
Description:	The VUI conversation assigned to the subscriber.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConversationVui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConversationVui." If "tbl_UserSubscriber.ConversationVui" can be NULL, then explicit NULL is allowed.
Default Value:	VuiStart
Direction:	In
Update Column Value From Parameter:	True

@CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CosObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.CosObjectId." If "tbl_User.CosObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_User.Country
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Country." If "tbl_User.Country" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DelayAfterGreeting

Property Name	Value
Description:	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.DelayAfterGreeting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.DelayAfterGreeting." If "tbl_UserSubscriber.DelayAfterGreeting" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DeletedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.DeletedMessageSortOrder
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.DeletedMessageSortOrder." If "tbl_UserSubscriber.DeletedMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Department
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Department." If "tbl_User.Department" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DirectoryId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.DirectoryId." If "tbl_User.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DtmfAccessId

Property Name	Value
Description:	The dialable number.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_DtmfAccessId.DtmfAccessId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_DtmfAccessId.DtmfAccessId." If "tbl_DtmfAccessId.DtmfAccessId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@EmailAddress

Property Name	Value
Description:	The primary email address of the user. Not used for incoming mail delivery - informational only.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EmailAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	EmailAddress
Null Handling:	Inherit - inherit parameter value from "tbl_User.EmailAddress." If "tbl_User.EmailAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EmployeeId

Property Name	Value
Description:	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EmployeeId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.EmployeeId." If "tbl_User.EmployeeId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EnableMessageLocator

Property Name	Value
Description:	A flag indicating whether the message locator feature is enabled for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableMessageLocator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableMessageLocator." If "tbl_UserSubscriber.EnableMessageLocator" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnablePersonalRules

Property Name	Value
Description:	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnablePersonalRules
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnablePersonalRules." If "tbl_UserSubscriber.EnablePersonalRules" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@EnableTts

Property Name	Value
Description:	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableTts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableTts." If "tbl_UserSubscriber.EnableTts" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@EnableVisualMessageLocator

Property Name	Value
Description:	A flag indicating whether the visual message locator feature is enabled for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableVisualMessageLocator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableVisualMessageLocator." If "tbl_UserSubscriber.EnableVisualMessageLocator" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetDontRingPhone

Property Name	Value
Description:	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetDontRingPhone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetDontRingPhone." If "tbl_UserSubscriber.EnAltGreetDontRingPhone" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetPreventMsg

Property Name	Value
Description:	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetPreventMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetPreventMsg." If "tbl_UserSubscriber.EnAltGreetPreventMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetPreventSkip

Property Name	Value
Description:	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetPreventSkip
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetPreventSkip." If "tbl_UserSubscriber.EnAltGreetPreventSkip" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EncryptPrivateMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EncryptPrivateMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EncryptPrivateMessages." If "tbl_UserSubscriber.EncryptPrivateMessages" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnhancedSecurityAlias

Property Name	Value
Description:	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EnhancedSecurityAlias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (50 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.EnhancedSecurityAlias." If "tbl_User.EnhancedSecurityAlias" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Exit_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ExitCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ExitCallActionObjectId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ExitCallActionObjectId." If "tbl_UserSubscriber.ExitCallActionObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FirstDigitTimeout

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.FirstDigitTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.FirstDigitTimeout." If "tbl_UserSubscriber.FirstDigitTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	5000
Direction:	In
Update Column Value From Parameter:	True

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.FirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_User.FirstName." If "tbl_User.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ForcedAuthorizationCode

Property Name	Value
Description:	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ForcedAuthorizationCode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ForcedAuthorizationCode." If "tbl_UserSubscriber.ForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@GreetByName

Property Name	Value
Description:	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.GreetByName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.GreetByName." If "tbl_UserSubscriber.GreetByName" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@InboxAutoRefresh

Property Name	Value
Description:	The rate (in minutes) at which Unity Inbox performs a refresh.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxAutoRefresh
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxAutoRefresh." If "tbl_UserSubscriber.InboxAutoRefresh" can be NULL, then explicit NULL is allowed.
Default Value:	15
Direction:	In
Update Column Value From Parameter:	True

@InboxAutoResolveMessageRecipients

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxAutoResolveMessageRecipients
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxAutoResolveMessageRecipients." If "tbl_UserSubscriber.InboxAutoResolveMessageRecipients" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@InboxMessagesPerPage

Property Name	Value
Description:	The number of messages Unity Inbox displays in a page.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxMessagesPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxMessagesPerPage." If "tbl_UserSubscriber.InboxMessagesPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	20
Direction:	In
Update Column Value From Parameter:	True

@Initials

Property Name	Value
Description:	The initial letters of some or all of the names of this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Initials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Initials." If "tbl_User.Initials" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@InterdigitDelay

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InterdigitDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InterdigitDelay." If "tbl_UserSubscriber.InterdigitDelay" can be NULL, then explicit NULL is allowed.
Default Value:	3000
Direction:	In
Update Column Value From Parameter:	True

@IsClockMode24Hour

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.IsClockMode24Hour
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.IsClockMode24Hour." If "tbl_UserSubscriber.IsClockMode24Hour" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@IsSetForVmEnrollment

Property Name	Value
Description:	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsVmEnrolled

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.IsVmEnrolled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.IsVmEnrolled." If "tbl_UserSubscriber.IsVmEnrolled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@JumpToMessagesOnLogin

Property Name	Value
Description:	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.JumpToMessagesOnLogin
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.JumpToMessagesOnLogin." If "tbl_UserSubscriber.JumpToMessagesOnLogin" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_User.Language." If "tbl_User.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.LastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_User.LastName." If "tbl_User.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ListInDirectory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ListInDirectory." If "tbl_UserSubscriber.ListInDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.MailboxDn
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (392 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.MailboxDn." If "tbl_User.MailboxDn" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailName

Property Name	Value
Description:	Name used to construct local-part of an Alias's SmtpAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtpAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Notes:	<p>The syntax specification defined by the Messaging Team, references RFC 2282 (Internet Message Format).</p> <p>Syntax specification: Email Address= Local-Part '@' Domain Name where</p> <p>Local-Part (Max size : 64)</p> <ul style="list-style-type: none"> * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character ' ' is allowed but it cannot be the first or last character in the local-part.
Business Rules:	
Developer Notes:	This is varchar(64) to match size of Alias (nvarchar(64))
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	MailName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Manager
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Manager." If "tbl_User.Manager" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchId

Property Name	Value
Description:	** obsolete -please use MediaSwitchObjectId
Notes:	
Business Rules:	
Developer Notes:	\$todo - remove when not in use by clients any longer
Reference Table/Column:	tbl_UserSubscriber.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MediaSwitchObjectId." If "tbl_UserSubscriber.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MediaSwitchObjectId." If "tbl_UserSubscriber.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MessageLocatorSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MessageLocatorSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MessageLocatorSortOrder." If "tbl_UserSubscriber.MessageLocatorSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MessageTypeMenu

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MessageTypeMenu
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MessageTypeMenu." If "tbl_UserSubscriber.MessageTypeMenu" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@NewMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort new messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.NewMessageSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.NewMessageSortOrder." If "tbl_UserSubscriber.NewMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@NewMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "new" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.NewMessageStackOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (7 characters)
Custom Type:	MessageStackOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.NewMessageStackOrder." If "tbl_UserSubscriber.NewMessageStackOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1234567
Direction:	In
Update Column Value From Parameter:	True

@NoLicenseCheck

Property Name	Value
Description:	Disables license checking in this procedure. Set to 1 to prevent license checks from being performed in this procedure.
Notes:	The default is 0 so that license check do occur - this is normally the desired behavior, since otherwise license violations will be caught later. The license checks in this procedure are "soft checks", designed to alert administrators but not to be relied upon for enforcement. It may be desirable at times to override the checks, such as when licenses are going to be purchased in the very near future but the subscriber additions need to be made immediately.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The unique identifier of the subscriber to modify.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PabLastImported
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PabLastImported." If "tbl_User.PabLastImported" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PcaAddressBookRowsPerPage

Property Name	Value
Description:	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PcaAddressBookRowsPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PcaAddressBookRowsPerPage." If "tbl_UserSubscriber.PcaAddressBookRowsPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@PcaHomePage

Property Name	Value
Description:	The Home Page is the first page that is displayed after logging in to the PCA.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PcaHomePage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PcaHomePage." If "tbl_UserSubscriber.PcaHomePage" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PostalCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PostalCode." If "tbl_User.PostalCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PromptSpeed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PromptSpeed
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PromptSpeed." If "tbl_UserSubscriber.PromptSpeed" can be NULL, then explicit NULL is allowed.
Default Value:	100
Direction:	In
Update Column Value From Parameter:	True

@PromptVolume

Property Name	Value
Description:	The volume level for playback of system prompts.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PromptVolume
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	Volume
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PromptVolume." If "tbl_UserSubscriber.PromptVolume" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.ReadOnly." If "tbl_User.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RecordUnknownCallerName

Property Name	Value
Description:	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RecordUnknownCallerName

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RecordUnknownCallerName." If "tbl_UserSubscriber.RecordUnknownCallerName" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@RepeatMenu

Property Name	Value
Description:	The number of times to repeat a menu in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RepeatMenu
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RepeatMenu." If "tbl_UserSubscriber.RepeatMenu" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@RingPrimaryPhoneFirst

Property Name	Value
Description:	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RingPrimaryPhoneFirst
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RingPrimaryPhoneFirst." If "tbl_UserSubscriber.RingPrimaryPhoneFirst" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.RouteNDRToSender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.RouteNDRToSender." If "tbl_User.RouteNDRToSender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SavedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort saved messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SavedMessageSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SavedMessageSortOrder." If "tbl_UserSubscriber.SavedMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@SavedMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "saved" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SavedMessageStackOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (7 characters)
Custom Type:	MessageStackOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SavedMessageStackOrder." If "tbl_UserSubscriber.SavedMessageStackOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1234567
Direction:	In
Update Column Value From Parameter:	True

@SayAltGreetWarning

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayAltGreetWarning
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayAltGreetWarning." If "tbl_UserSubscriber.SayAltGreetWarning" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayAni

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayAni
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayAni." If "tbl_UserSubscriber.SayAni" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayCopiedNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayCopiedNames
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayCopiedNames." If "tbl_UserSubscriber.SayCopiedNames" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayDistributionList

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayDistributionList
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayDistributionList." If "tbl_UserSubscriber.SayDistributionList" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayMsgNumber

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayMsgNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayMsgNumber." If "tbl_UserSubscriber.SayMsgNumber" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SaySender

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SaySender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SaySender." If "tbl_UserSubscriber.SaySender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SaySenderExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_UserSubscriber.SaySenderExtension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SaySenderExtension." If "tbl_UserSubscriber.SaySenderExtension" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTimestampAfter

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTimestampAfter
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTimestampAfter." If "tbl_UserSubscriber.SayTimestampAfter" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayTimestampBefore

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTimestampBefore

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTimestampBefore." If "tbl_UserSubscriber.SayTimestampBefore" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNew

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNew
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNew." If "tbl_UserSubscriber.SayTotalNew" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewEmail

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewEmail
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewEmail." If "tbl_UserSubscriber.SayTotalNewEmail" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewFax

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewFax
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewFax." If "tbl_UserSubscriber.SayTotalNewFax" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewVoice

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewVoice
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewVoice." If "tbl_UserSubscriber.SayTotalNewVoice" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayTotalReceipts

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalReceipts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalReceipts." If "tbl_UserSubscriber.SayTotalReceipts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalSaved

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalSaved
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalSaved." If "tbl_UserSubscriber.SayTotalSaved" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber may send broadcast messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SendBroadcastMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SendBroadcastMsg." If "tbl_UserSubscriber.SendBroadcastMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SendConv

Property Name	Value
Description:	Type of send conversation to use - standard or streamlined.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SendConv
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SendConverationType
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SendConv." If "tbl_UserSubscriber.SendConv" can be NULL, then explicit NULL is allowed.
Default Value:	1

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@SkipPasswordForKnownDevice

Property Name	Value
Description:	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SkipPasswordForKnownDevice
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SkipPasswordForKnownDevice." If "tbl_UserSubscriber.SkipPasswordForKnownDevice" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SpeechCompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechCompleteTimeout
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechCompleteTimeout." If "tbl_UserSubscriber.SpeechCompleteTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	300
Direction:	In
Update Column Value From Parameter:	True

@SpeechConfidenceThreshold

Property Name	Value
Description:	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechConfidenceThreshold
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechConfidenceThreshold." If "tbl_UserSubscriber.SpeechConfidenceThreshold" can be NULL, then explicit NULL is allowed.
Default Value:	45
Direction:	In
Update Column Value From Parameter:	True

@SpeechIncompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechIncompleteTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechIncompleteTimeout." If "tbl_UserSubscriber.SpeechIncompleteTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	750
Direction:	In
Update Column Value From Parameter:	True

@SpeechSensitivity

Property Name	Value
Description:	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechSensitivity
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechSensitivity." If "tbl_UserSubscriber.SpeechSensitivity" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@SpeechSpeedVsAccuracy

Property Name	Value
Description:	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechSpeedVsAccuracy
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechSpeedVsAccuracy." If "tbl_UserSubscriber.SpeechSpeedVsAccuracy" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@Speed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.Speed
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.Speed." If "tbl_UserSubscriber.Speed" can be NULL, then explicit NULL is allowed.
Default Value:	100
Direction:	In
Update Column Value From Parameter:	True

@State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.State
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.State." If "tbl_User.State" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeLastCall

Property Name	Value
Description:	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.TimeLastCall
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.TimeLastCall." If "tbl_UserSubscriber.TimeLastCall" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.TimeZone." If "tbl_User.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Title

Property Name	Value
Description:	The position or function of a user within an organization, such as 'Vice President.'
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Title
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Title." If "tbl_User.Title" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.Undeletable." If "tbl_User.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UpdateBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UpdateBroadcastMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UpdateBroadcastMsg." If "tbl_UserSubscriber.UpdateBroadcastMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseBriefPrompts

Property Name	Value
Description:	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UseBriefPrompts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UseBriefPrompts." If "tbl_UserSubscriber.UseBriefPrompts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the user inherit language from location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the user inherit timezone from location.
Notes:	See vw_User.UseDefaultTimeZone for more information.
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseVui

Property Name	Value
Description:	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UseVui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UseVui." If "tbl_UserSubscriber.UseVui" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	Voice file to use for the subscriber's recorded voice name.
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@VoiceNameRequired

Property Name	Value
Description:	A flag indicating whether a recorded voice name is required for this subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.VoiceNameRequired
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.VoiceNameRequired." If "tbl_UserSubscriber.VoiceNameRequired" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Volume

Property Name	Value
Description:	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.Volume
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	Volume

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.Volume." If "tbl_UserSubscriber.Volume" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@XferString

Property Name	Value
Description:	The alternate transfer option extension for the primary call handler for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.XferString
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.XferString." If "tbl_UserSubscriber.XferString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.297. csp_SubscriberResetMWI

Resets MWI devices for a subscriber (e.g., user with a voice mailbox).

Additional Information

The parameter @Objectid must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a UserSubscriber object.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_SubscriberResetMWI will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Subscriber object was not found. The names of the object (Subscriber), table (tbl_UserSubscriber), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.

Property Name	Value
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a UserSubscriber object.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_UserSubscriber.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ObjectId." If "tbl_UserSubscriber.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.298. csp_SubscriberTemplateCreate

Creates a new Subscriber template, either from scratch or based on an existing template or user, by inserting a new row into tbl_UserSubscriber and tbl_User.

Additional Information

The parameters @Alias must be provided.

Do not use this procedure to create a plain user template. Rather use csp_UserTemplateCreate.

If a valid user template is passed in (@TemplateObjectId), this new template will be based on the existing user template. Otherwise, this new subscriber template will be created from scratch based on the values of the parameters.

The MediaSwitch is set to the MediaSwitch of the template from which the new template is created. If a template is not passed in, a mediaswitch must be passed in.

In addition to creating a new subscriber template in tbl_UserSubscriber, this procedure also creates several other subscriber related objects:

- * A user template by calling csp_UserTemplateCreate. See csp_UserTemplateCreate for more information.
- * A new call handler template by calling csp_CallhandlerTemplateCreate.
- * An exist action for the primary call handler is created by inserting a new row into tbl_CallAction.
- * Four default notification devices - Conversation, Pager, SMS, and SMTP. Also their corresponding notification rules, events, and criteria.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@Address	In	inherit	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Optional	@AddressAfterRecord	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.
Optional	@AddressMode	In	inherit	smallint (2 bytes)	The default method the subscriber will use to address messages to other subscribers.
Optional	@AnnounceUpcoming Meetings	In	inherit	int (4 bytes)	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AssistantRowsPerPage	In	inherit	int (4 bytes)	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BillingId	In	inherit	nvarchar (32 characters)	Accounting information or project code associated with this user.
Optional	@Building	In	inherit	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).
Optional	@CallAnswerTimeout	In	inherit	int (4 bytes)	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
Optional	@CantChange	In	inherit	smallint (2 bytes)	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).
Optional	@City	In	inherit	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Optional	@ClockMode	In	inherit	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Optional	@ConfirmationConfidenceThreshold	In	inherit	int (4 bytes)	Voice Recognition Confirmation Confidence Threshold
Optional	@ConfirmDeleteDeletedMessage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ConfirmDeleteMessage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Optional	@ConfirmDeleteMultipleMessages	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.
Optional	@ConversationTui	In	explicit-withdefault	nvarchar (64 characters)	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Optional	@ConversationVui	In	explicit-withdefault	nvarchar (64 characters)	The VUI conversation assigned to the subscriber.
Optional	@CosObjectId	In	inherit	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Optional	@Country	In	inherit	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Optional	@DelayAfterGreeting	In	inherit	int (4 bytes)	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Optional	@DeletedMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Optional	@Department	In	inherit	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DisplayNameRule	In	inherit	smallint (2 bytes)	The format for generating the user display name.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DoesntExpire	In	inherit	smallint (2 bytes)	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).
Optional	@EnableMessageLocator	In	inherit	smallint (2 bytes)	A flag indicating whether the message locator feature is enabled for the subscriber.
Optional	@EnablePersonalRules	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.
Optional	@EnableTts	In	inherit	smallint (2 bytes)	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Optional	@EnableVisualMessageLocator	In	inherit	smallint (2 bytes)	A flag indicating whether the visual message locator feature is enabled for the subscriber.
Optional	@EnAltGreetDontRingPhone	In	inherit	smallint (2 bytes)	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.
Optional	@EnAltGreetPreventMsg	In	inherit	smallint (2 bytes)	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.
Optional	@EnAltGreetPreventSkip	In	inherit	smallint (2 bytes)	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Optional	@EncryptPrivateMessages	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Optional	@Exit_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@Exit_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@Exit_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.
Optional	@FirstDigitTimeout	In	inherit	int (4 bytes)	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ForcedAuthorizationCode	In	inherit	varchar (40 characters)	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Optional	@GreetByName	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Optional	@InboxAutoRefresh	In	inherit	int (4 bytes)	The rate (in minutes) at which Unity Inbox performs a refresh.
Optional	@InboxAutoResolveMessageRecipients	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.
Optional	@InboxMessagesPerPage	In	inherit	int (4 bytes)	The number of messages Unity Inbox displays in a page.
Optional	@InterdigitDelay	In	inherit	int (4 bytes)	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Optional	@IsClockMode24Hour	In	inherit	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Optional	@IsSetForVmEnrollment	In	ignore	smallint (2 bytes)	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.
Optional	@IsVmEnrolled	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.
Optional	@JumpToMessagesOnLogin	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Language	In	inherit	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Optional	@ListInDirectory	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this user belongs.
Optional	@MailboxDn	In	inherit	lvarchar (392 characters)	The distinguished name of the mailbox.
Optional	@MailboxStoreObjectId	In	inherit	char (36 characters)	The mailbox store info for any subscribers created from this template.
Optional	@Manager	In	inherit	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId
Optional	@MessageAgingPolicy ObjectId	In	inherit	char (36 characters)	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Optional	@MessageLocatorSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Optional	@MessageTypeMenu	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.
Optional	@NewMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort new messages.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@NewMessageStackOrder	In	inherit	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "new" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Optional	@NotificationType	In	inherit	smallint (2 bytes)	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Optional	@ObjectId	Out	inherit	char (36 characters)	The unique identifier (ObjectId) of the newly created template.
Optional	@PabLastImported	In	inherit	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Optional	@PcaAddressBookRowsPerPage	In	inherit	int (4 bytes)	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Optional	@PcaHomePage	In	inherit	lvarchar (256 characters)	The Home Page is the first page that is displayed after logging in to the PCA.
Optional	@PostalCode	In	inherit	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Optional	@PromptSpeed	In	inherit	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Optional	@PromptVolume	In	inherit	int (4 bytes)	The volume level for playback of system prompts.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.
Optional	@ReceiveQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) receive limit.
Optional	@RecordUnknownCallerName	In	inherit	smallint (2 bytes)	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@RepeatMenu	In	inherit	int (4 bytes)	The number of times to repeat a menu in TUI.
Optional	@RingPrimaryPhoneFirst	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.
Optional	@RouteNDRToSender	In	inherit	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Optional	@SavedMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort saved messages.
Optional	@SavedMessageStackOrder	In	inherit	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "saved" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Optional	@SayAltGreetWarning	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.
Optional	@SayAni	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.
Optional	@SayCopiedNames	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.
Optional	@SayDistributionList	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Optional	@SayMsgNumber	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SaySender	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Optional	@SaySenderExtension	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Optional	@SayTimestampAfter	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Optional	@SayTimestampBefore	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Optional	@SayTotalNew	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.
Optional	@SayTotalNewEmail	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.
Optional	@SayTotalNewFax	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Optional	@SayTotalNewVoice	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.
Optional	@SayTotalReceipts	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.
Optional	@SayTotalSaved	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Optional	@SendBroadcastMsg	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber may send broadcast messages.
Optional	@SendConv	In	inherit	smallint (2 bytes)	Type of send conversation to use - standard or streamlined.
Optional	@SendQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) send limit.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SendReadReceipts	In	inherit	smallint (2 bytes)	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Optional	@SkipPasswordForKnownDevice	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.
Optional	@SpeechCompleteTimeout	In	inherit	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Optional	@SpeechConfidenceThreshold	In	inherit	int (4 bytes)	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SpeechIncompleteTimeout	In	inherit	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Optional	@SpeechSensitivity	In	inherit	int (4 bytes)	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.
Optional	@SpeechSpeedVsAccuracy	In	inherit	int (4 bytes)	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Optional	@Speed	In	inherit	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.
Optional	@State	In	inherit	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TemplateAlias	In	ignore	nvarchar (64 characters)	The alias of an existing user template (typically one of the default user templates supplied with the system) on which the creation of this new template shall be based.
Optional	@TemplateObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for this UserTemplate object.
Optional	@TimeLastCall	In	inherit	datetime (8 bytes)	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).
Optional	@TimeZone	In	inherit	int (4 bytes)	The time zone to which this user account is associated.
Optional	@Undeetable	In	inherit	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UpdateBroadcastMsg	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Optional	@UseBriefPrompts	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit language from location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit timezone from location.
Optional	@UseVui	In	inherit	smallint (2 bytes)	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.
Optional	@VoiceNameRequired	In	inherit	smallint (2 bytes)	A flag indicating whether a recorded voice name is required for this subscriber.
Optional	@Volume	In	inherit	int (4 bytes)	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.
Optional	@WarningQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) warning limit.
Optional	@XferString	In	inherit	nvarchar (40 characters)	The alternate transfer option extension for the primary call handler for the subscriber.

Exceptions

csp_SubscriberTemplateCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Alias is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The MediaSwitch object was not found. The names of the object (Media switch), table (tbl_MediaSwitch), and column (ObjectId) are included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid user template object as specified by @TemplateObjectId was not found. The names of the object (template), parameter (@TemplateObjectId), table (tbl_User), and column (ObjectId) are included with the exception message.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	A system configuration setting was not found. The name of the setting is included in the exception message.

Parameter Properties

@Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Address
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Address." If "tbl_User.Address" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AddressAfterRecord

Property Name	Value
Description:	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AddressAfterRecord
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AddressAfterRecord." If "tbl_UserSubscriber.AddressAfterRecord" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AddressMode

Property Name	Value
Description:	The default method the subscriber will use to address messages to other subscribers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AddressMode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	AddressMode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AddressMode." If "tbl_UserSubscriber.AddressMode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AnnounceUpcomingMeetings

Property Name	Value
Description:	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AnnounceUpcomingMeetings
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AnnounceUpcomingMeetings." If "tbl_UserSubscriber.AnnounceUpcomingMeetings" can be NULL, then explicit NULL is allowed.
Default Value:	60
Direction:	In
Update Column Value From Parameter:	True

@AssistantRowsPerPage

Property Name	Value
Description:	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AssistantRowsPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AssistantRowsPerPage." If "tbl_UserSubscriber.AssistantRowsPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.BillingId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.BillingId." If "tbl_User.BillingId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Building
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Building." If "tbl_User.Building" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CallAnswerTimeout

Property Name	Value
Description:	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.CallAnswerTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.CallAnswerTimeout." If "tbl_UserSubscriber.CallAnswerTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@CantChange

Property Name	Value
Description:	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.CantChange
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.CantChange." If "tbl_UserTemplate.CantChange" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.City
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.City." If "tbl_User.City" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ClientMatterCode." If "tbl_UserSubscriber.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@ClockMode

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ClockMode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	ClockMode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ClockMode." If "tbl_UserSubscriber.ClockMode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmationConfidenceThreshold

Property Name	Value
Description:	Voice Recognition Confirmation Confidence Threshold
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmationConfidenceThreshold
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmationConfidenceThreshold." If "tbl_UserSubscriber.ConfirmationConfidenceThreshold" can be NULL, then explicit NULL is allowed.
Default Value:	60
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteDeletedMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteDeletedMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteDeletedMessage." If "tbl_UserSubscriber.ConfirmDeleteDeletedMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteMessage." If "tbl_UserSubscriber.ConfirmDeleteMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteMultipleMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteMultipleMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteMultipleMessages." If "tbl_UserSubscriber.ConfirmDeleteMultipleMessages" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ConversationTui

Property Name	Value
Description:	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConversationTui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "'SubMenu'."
Default Value:	SubMenu
Direction:	In
Update Column Value From Parameter:	True

@ConversationVui

Property Name	Value
Description:	The VUI conversation assigned to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConversationVui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "'VuiStart'."
Default Value:	VuiStart
Direction:	In
Update Column Value From Parameter:	True

@CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CosObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_User.CosObjectId." If "tbl_User.CosObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Country
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Country." If "tbl_User.Country" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DelayAfterGreeting

Property Name	Value
Description:	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.DelayAfterGreeting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.DelayAfterGreeting." If "tbl_UserSubscriber.DelayAfterGreeting" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DeletedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_UserSubscriber.DeletedMessageSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.DeletedMessageSortOrder." If "tbl_UserSubscriber.DeletedMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Department
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Department." If "tbl_User.Department" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DirectoryId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_User.DirectoryId." If "tbl_User.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Inherit - inherit parameter value from "tbl_User.DisplayName." If "tbl_User.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayNameRule

Property Name	Value
Description:	The format for generating the user display name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.DisplayNameRule
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	DisplayNameRule

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.DisplayNameRule." If "tbl_UserTemplate.DisplayNameRule" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DoesntExpire

Property Name	Value
Description:	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.DoesntExpire
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.DoesntExpire." If "tbl_UserTemplate.DoesntExpire" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableMessageLocator

Property Name	Value
Description:	A flag indicating whether the message locator feature is enabled for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableMessageLocator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableMessageLocator." If "tbl_UserSubscriber.EnableMessageLocator" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnablePersonalRules

Property Name	Value
Description:	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnablePersonalRules
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnablePersonalRules." If "tbl_UserSubscriber.EnablePersonalRules" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@EnableTts

Property Name	Value
Description:	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableTts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableTts." If "tbl_UserSubscriber.EnableTts" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@EnableVisualMessageLocator

Property Name	Value
Description:	A flag indicating whether the visual message locator feature is enabled for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableVisualMessageLocator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableVisualMessageLocator." If "tbl_UserSubscriber.EnableVisualMessageLocator" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetDontRingPhone

Property Name	Value
Description:	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetDontRingPhone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetDontRingPhone." If "tbl_UserSubscriber.EnAltGreetDontRingPhone" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetPreventMsg

Property Name	Value
Description:	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetPreventMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetPreventMsg." If "tbl_UserSubscriber.EnAltGreetPreventMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetPreventSkip

Property Name	Value
Description:	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetPreventSkip
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetPreventSkip." If "tbl_UserSubscriber.EnAltGreetPreventSkip" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EncryptPrivateMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EncryptPrivateMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EncryptPrivateMessages." If "tbl_UserSubscriber.EncryptPrivateMessages" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Exit_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@FirstDigitTimeout

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.FirstDigitTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.FirstDigitTimeout." If "tbl_UserSubscriber.FirstDigitTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	5000
Direction:	In
Update Column Value From Parameter:	True

@ForcedAuthorizationCode

Property Name	Value
Description:	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ForcedAuthorizationCode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ForcedAuthorizationCode." If "tbl_UserSubscriber.ForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@GreetByName

Property Name	Value
Description:	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.GreetByName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.GreetByName." If "tbl_UserSubscriber.GreetByName" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@InboxAutoRefresh

Property Name	Value
Description:	The rate (in minutes) at which Unity Inbox performs a refresh.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxAutoRefresh
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxAutoRefresh." If "tbl_UserSubscriber.InboxAutoRefresh" can be NULL, then explicit NULL is allowed.
Default Value:	15
Direction:	In
Update Column Value From Parameter:	True

@InboxAutoResolveMessageRecipients

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxAutoResolveMessageRecipients
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxAutoResolveMessageRecipients." If "tbl_UserSubscriber.InboxAutoResolveMessageRecipients" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@InboxMessagesPerPage

Property Name	Value
Description:	The number of messages Unity Inbox displays in a page.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxMessagesPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxMessagesPerPage." If "tbl_UserSubscriber.InboxMessagesPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	20
Direction:	In
Update Column Value From Parameter:	True

@InterdigitDelay

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InterdigitDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InterdigitDelay." If "tbl_UserSubscriber.InterdigitDelay" can be NULL, then explicit NULL is allowed.
Default Value:	3000
Direction:	In
Update Column Value From Parameter:	True

@IsClockMode24Hour

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.IsClockMode24Hour
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.IsClockMode24Hour." If "tbl_UserSubscriber.IsClockMode24Hour" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsSetForVmEnrollment

Property Name	Value
Description:	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsVmEnrolled

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.IsVmEnrolled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.IsVmEnrolled." If "tbl_UserSubscriber.IsVmEnrolled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@JumpToMessagesOnLogin

Property Name	Value
Description:	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.JumpToMessagesOnLogin
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.JumpToMessagesOnLogin." If "tbl_UserSubscriber.JumpToMessagesOnLogin" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_User.Language." If "tbl_User.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ListInDirectory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ListInDirectory." If "tbl_UserSubscriber.ListInDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this user belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.LocationObjectId." If "tbl_User.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.MailboxDn

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvvarchar (392 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.MailboxDn." If "tbl_User.MailboxDn" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailboxStoreObjectId

Property Name	Value
Description:	The mailbox store info for any subscribers created from this template.
Notes:	
Business Rules:	
Developer Notes:	The parameter must refer to tbl_UserTemplate.MailboxStoreObjectId.
Reference Table/Column:	tbl_UserTemplate.MailboxStoreObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.MailboxStoreObjectId." If "tbl_UserTemplate.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Manager
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.Manager." If "tbl_User.Manager" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MediaSwitchObjectId." If "tbl_UserSubscriber.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MessageAgingPolicyObjectId

Property Name	Value
Description:	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.MessageAgingPolicyObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.MessageAgingPolicyObjectId." If "tbl_UserTemplate.MessageAgingPolicyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MessageLocatorSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MessageLocatorSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MessageLocatorSortOrder." If "tbl_UserSubscriber.MessageLocatorSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MessageTypeMenu

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MessageTypeMenu
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MessageTypeMenu." If "tbl_UserSubscriber.MessageTypeMenu" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@NewMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort new messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.NewMessageSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.NewMessageSortOrder." If "tbl_UserSubscriber.NewMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@NewMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "new" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.NewMessageStackOrder

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (7 characters)
Custom Type:	MessageStackOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.NewMessageStackOrder." If "tbl_UserSubscriber.NewMessageStackOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1234567
Direction:	In
Update Column Value From Parameter:	True

@NotificationType

Property Name	Value
Description:	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.NotificationType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NotificationType
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.NotificationType." If "tbl_UserTemplate.NotificationType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The unique identifier (ObjectId) of the newly created template.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PabLastImported
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PabLastImported." If "tbl_User.PabLastImported" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PcaAddressBookRowsPerPage

Property Name	Value
Description:	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PcaAddressBookRowsPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PcaAddressBookRowsPerPage." If "tbl_UserSubscriber.PcaAddressBookRowsPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@PcaHomePage

Property Name	Value
Description:	The Home Page is the first page that is displayed after logging in to the PCA.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PcaHomePage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PcaHomePage." If "tbl_UserSubscriber.PcaHomePage" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PostalCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PostalCode." If "tbl_User.PostalCode" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PromptSpeed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PromptSpeed
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PromptSpeed." If "tbl_UserSubscriber.PromptSpeed" can be NULL, then explicit NULL is allowed.
Default Value:	100
Direction:	In
Update Column Value From Parameter:	True

@PromptVolume

Property Name	Value
Description:	The volume level for playback of system prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PromptVolume
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	Volume
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PromptVolume." If "tbl_UserSubscriber.PromptVolume" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.ReadOnly." If "tbl_User.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ReceiveQuota

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ReceiveQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ReceiveQuota." If "tbl_UserTemplate.ReceiveQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	True

@RecordUnknownCallerName

Property Name	Value
Description:	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RecordUnknownCallerName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RecordUnknownCallerName." If "tbl_UserSubscriber.RecordUnknownCallerName" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@RepeatMenu

Property Name	Value
Description:	The number of times to repeat a menu in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RepeatMenu
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RepeatMenu." If "tbl_UserSubscriber.RepeatMenu" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@RingPrimaryPhoneFirst

Property Name	Value
Description:	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RingPrimaryPhoneFirst
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RingPrimaryPhoneFirst." If "tbl_UserSubscriber.RingPrimaryPhoneFirst" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RouteNDRTToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.RouteNDRTToSender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.RouteNDRTToSender." If "tbl_User.RouteNDRTToSender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SavedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort saved messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SavedMessageSortOrder

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SavedMessageSortOrder." If "tbl_UserSubscriber.SavedMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@SavedMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "saved" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SavedMessageStackOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (7 characters)
Custom Type:	MessageStackOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SavedMessageStackOrder." If "tbl_UserSubscriber.SavedMessageStackOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1234567
Direction:	In
Update Column Value From Parameter:	True

@SayAltGreetWarning

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayAltGreetWarning
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayAltGreetWarning." If "tbl_UserSubscriber.SayAltGreetWarning" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayAni

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayAni
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayAni." If "tbl_UserSubscriber.SayAni" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayCopiedNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayCopiedNames
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayCopiedNames." If "tbl_UserSubscriber.SayCopiedNames" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayDistributionList

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayDistributionList
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayDistributionList." If "tbl_UserSubscriber.SayDistributionList" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayMsgNumber

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayMsgNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayMsgNumber." If "tbl_UserSubscriber.SayMsgNumber" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SaySender

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SaySender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SaySender." If "tbl_UserSubscriber.SaySender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SaySenderExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SaySenderExtension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SaySenderExtension." If "tbl_UserSubscriber.SaySenderExtension" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTimestampAfter

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTimestampAfter
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTimestampAfter." If "tbl_UserSubscriber.SayTimestampAfter" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayTimestampBefore

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTimestampBefore
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTimestampBefore." If "tbl_UserSubscriber.SayTimestampBefore" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNew

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNew
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNew." If "tbl_UserSubscriber.SayTotalNew" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewEmail

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewEmail
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewEmail." If "tbl_UserSubscriber.SayTotalNewEmail" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewFax

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewFax
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewFax." If "tbl_UserSubscriber.SayTotalNewFax" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewVoice

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewVoice
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewVoice." If "tbl_UserSubscriber.SayTotalNewVoice" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayTotalReceipts

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalReceipts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalReceipts." If "tbl_UserSubscriber.SayTotalReceipts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalSaved

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalSaved
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalSaved." If "tbl_UserSubscriber.SayTotalSaved" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber may send broadcast messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SendBroadcastMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SendBroadcastMsg." If "tbl_UserSubscriber.SendBroadcastMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SendConv

Property Name	Value
Description:	Type of send conversation to use - standard or streamlined.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SendConv
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SendConverationType
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SendConv." If "tbl_UserSubscriber.SendConv" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendQuota

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.SendQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.SendQuota." If "tbl_UserTemplate.SendQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	True

@SendReadReceipts

Property Name	Value
Description:	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.SendReadReceipts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.SendReadReceipts." If "tbl_UserTemplate.SendReadReceipts" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SkipPasswordForKnownDevice

Property Name	Value
Description:	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SkipPasswordForKnownDevice
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SkipPasswordForKnownDevice." If "tbl_UserSubscriber.SkipPasswordForKnownDevice" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SpeechCompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechCompleteTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechCompleteTimeout." If "tbl_UserSubscriber.SpeechCompleteTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	300
Direction:	In
Update Column Value From Parameter:	True

@SpeechConfidenceThreshold

Property Name	Value
Description:	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechConfidenceThreshold
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechConfidenceThreshold." If "tbl_UserSubscriber.SpeechConfidenceThreshold" can be NULL, then explicit NULL is allowed.
Default Value:	45
Direction:	In
Update Column Value From Parameter:	True

@SpeechIncompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechIncompleteTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechIncompleteTimeout." If "tbl_UserSubscriber.SpeechIncompleteTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	750
Direction:	In
Update Column Value From Parameter:	True

@SpeechSensitivity

Property Name	Value
Description:	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechSensitivity
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechSensitivity." If "tbl_UserSubscriber.SpeechSensitivity" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@SpeechSpeedVsAccuracy

Property Name	Value
Description:	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechSpeedVsAccuracy
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechSpeedVsAccuracy." If "tbl_UserSubscriber.SpeechSpeedVsAccuracy" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@Speed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.Speed
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.Speed." If "tbl_UserSubscriber.Speed" can be NULL, then explicit NULL is allowed.
Default Value:	100
Direction:	In
Update Column Value From Parameter:	True

@State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.State
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.State." If "tbl_User.State" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TemplateAlias

Property Name	Value
Description:	The alias of an existing user template (typically one of the default user templates supplied with the system) on which the creation of this new template shall be based.
Notes:	The alias is recognizable in the native language and character set of the system, e.g. Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI client name lookup purposes.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias

Property Name	Value
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TemplateObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for this UserTemplate object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ObjectId." If "tbl_UserTemplate.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeLastCall

Property Name	Value
Description:	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.TimeLastCall
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.TimeLastCall." If "tbl_UserSubscriber.TimeLastCall" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.TimeZone." If "tbl_User.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.Undeletable." If "tbl_User.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UpdateBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UpdateBroadcastMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UpdateBroadcastMsg." If "tbl_UserSubscriber.UpdateBroadcastMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseBriefPrompts

Property Name	Value
Description:	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UseBriefPrompts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UseBriefPrompts." If "tbl_UserSubscriber.UseBriefPrompts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the user inherit language from location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the user inherit timezone from location.
Notes:	See vw_User.UseDefaultTimeZone for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseVui

Property Name	Value
Description:	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UseVui

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UseVui." If "tbl_UserSubscriber.UseVui" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceNameRequired

Property Name	Value
Description:	A flag indicating whether a recorded voice name is required for this subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.VoiceNameRequired
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.VoiceNameRequired." If "tbl_UserSubscriber.VoiceNameRequired" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Volume

Property Name	Value
Description:	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.Volume
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Custom Type:	Volume
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.Volume." If "tbl_UserSubscriber.Volume" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@WarningQuota

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.WarningQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.WarningQuota." If "tbl_UserTemplate.WarningQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	True

@XferString

Property Name	Value
Description:	The alternate transfer option extension for the primary call handler for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.XferString
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.XferString." If "tbl_UserSubscriber.XferString" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.299. csp_SubscriberTemplateDelete

Deletes a Subscriber template from tbl_UserSubscriber as specified by the @ObjectId parameter.

Additional Information

Do not use this procedure to delete a plain user template. Rather use csp_UserTemplateDelete.

In addition to deleting the specified Subscriber object from tbl_UserSubscriber, this procedure also removes several other objects related to a subscriber template:

- * The user template (and its associated objects) is removed by calling csp_UserTemplateDelete.
- * The Callhandler associated with this template is removed from tbl_Callhandler.
- * The CallAction object associated with this template is removed from tbl_CallAction.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The unique identifier of the subscriber template to delete.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_SubscriberTemplateDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid subscriber template object as specified by @ObjectId was not found. The names of the object (subscriber), parameter (@ObjectId), view (vw_SubscriberTemplate), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The unique identifier of the subscriber template to delete.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.300. csp_SubscriberTemplateModify

Updates the attributes of a Subscriber template based on the values passed in via the parameters. The @ObjectId identifies the Subscriber object in tbl_UserSubscriber that is updated.

Additional Information

Do not use this procedure to modify a plain user template. Rather use csp_UserTemplateModify.

In addition to updating the properties of the Subscriber object in tbl_UserSubscriber, this procedure also updates several other objects related to a subscriber template:

- * The user template (and its associated objects) is updated by calling csp_UserTemplateModify. See csp_UserTemplateModify.
- * The CallAction object associated with this template is updated.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The unique identifier of the subscriber template to modify.
Optional	@Address	In	inherit	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Optional	@AddressAfterRecord	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.
Optional	@AddressMode	In	inherit	smallint (2 bytes)	The default method the subscriber will use to address messages to other subscribers.
Optional	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@AnnounceUpcoming Meetings	In	inherit	int (4 bytes)	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.
Optional	@AssistantRowsPerPage	In	inherit	int (4 bytes)	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BillingId	In	inherit	nvarchar (32 characters)	Accounting information or project code associated with this user.
Optional	@Building	In	inherit	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).
Optional	@CallAnswerTimeout	In	inherit	int (4 bytes)	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
Optional	@CantChange	In	inherit	smallint (2 bytes)	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).
Optional	@City	In	inherit	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Optional	@ClientMatterCode	In	inherit	varchar (40 characters)	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Optional	@ClockMode	In	inherit	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Optional	@ConfirmationConfidenceThreshold	In	inherit	int (4 bytes)	Voice Recognition Confirmation Confidence Threshold
Optional	@ConfirmDeleteDeletedMessage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.
Optional	@ConfirmDeleteMessage	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ConfirmDeleteMultipleMessages	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.
Optional	@ConversationTui	In	inherit	nvarchar (64 characters)	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Optional	@ConversationVui	In	inherit	nvarchar (64 characters)	The VUI conversation assigned to the subscriber.
Optional	@CosObjectId	In	inherit	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Optional	@Country	In	inherit	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Optional	@DelayAfterGreeting	In	inherit	int (4 bytes)	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Optional	@DeletedMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Optional	@Department	In	inherit	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DisplayNameRule	In	inherit	smallint (2 bytes)	The format for generating the user display name.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@DoesntExpire	In	inherit	smallint (2 bytes)	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).
Optional	@EnableMessageLocator	In	inherit	smallint (2 bytes)	A flag indicating whether the message locator feature is enabled for the subscriber.
Optional	@EnablePersonalRules	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.
Optional	@EnableTts	In	inherit	smallint (2 bytes)	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Optional	@EnableVisualMessageLocator	In	inherit	smallint (2 bytes)	A flag indicating whether the visual message locator feature is enabled for the subscriber.
Optional	@EnAltGreetDontRingPhone	In	inherit	smallint (2 bytes)	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.
Optional	@EnAltGreetPreventMsg	In	inherit	smallint (2 bytes)	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.
Optional	@EnAltGreetPreventSkip	In	inherit	smallint (2 bytes)	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Optional	@EncryptPrivateMessages	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Optional	@Exit_Action	In	inherit	smallint (2 bytes)	The type of call action to take, e.g., hang-up, goto another object, etc.
Optional	@Exit_TargetConversation	In	inherit	nvarchar (64 characters)	The name of the conversation to which the caller is routed.
Optional	@Exit_TargetHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the specific object to send along to the target conversation.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ExitCallActionObjectId	In	inherit	char (36 characters)	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.
Optional	@FirstDigitTimeout	In	inherit	int (4 bytes)	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.
Optional	@ForcedAuthorizationCode	In	inherit	varchar (40 characters)	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Optional	@GreetByName	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Optional	@InboxAutoRefresh	In	inherit	int (4 bytes)	The rate (in minutes) at which Unity Inbox performs a refresh.
Optional	@InboxAutoResolveMessageRecipients	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.
Optional	@InboxMessagesPerPage	In	inherit	int (4 bytes)	The number of messages Unity Inbox displays in a page.
Optional	@InterdigitDelay	In	inherit	int (4 bytes)	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Optional	@IsClockMode24Hour	In	inherit	smallint (2 bytes)	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Optional	@IsSetForVmEnrollment	In	ignore	smallint (2 bytes)	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.
Optional	@IsVmEnrolled	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@JumpToMessagesOnLogin	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.
Optional	@Language	In	inherit	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Optional	@ListInDirectory	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.
Optional	@MailboxDn	In	inherit	lvarchar (392 characters)	The distinguished name of the mailbox.
Optional	@MailboxStoreObjectId	In	inherit	char (36 characters)	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.
Optional	@Manager	In	inherit	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId
Optional	@MessageAgingPolicyObjectId	In	inherit	char (36 characters)	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Optional	@MessageLocatorSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Optional	@MessageTypeMenu	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@NewMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort new messages.
Optional	@NewMessageStackOrder	In	inherit	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "new" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Optional	@NotificationType	In	inherit	smallint (2 bytes)	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Optional	@PabLastImported	In	inherit	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Optional	@PcaAddressBookRowsPerPage	In	inherit	int (4 bytes)	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Optional	@PcaHomePage	In	inherit	lvarchar (256 characters)	The Home Page is the first page that is displayed after logging in to the PCA.
Optional	@PostalCode	In	inherit	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Optional	@PromptSpeed	In	inherit	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Optional	@PromptVolume	In	inherit	int (4 bytes)	The volume level for playback of system prompts.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.
Optional	@ReceiveQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) receive limit.
Optional	@RecordUnknownCallerName	In	inherit	smallint (2 bytes)	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@RepeatMenu	In	inherit	int (4 bytes)	The number of times to repeat a menu in TUI.
Optional	@RingPrimaryPhoneFirst	In	inherit	smallint (2 bytes)	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.
Optional	@RouteNDRToSender	In	inherit	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Optional	@SavedMessageSortOrder	In	inherit	smallint (2 bytes)	The order in which Cisco Unity Connection will sort saved messages.
Optional	@SavedMessageStackOrder	In	inherit	nvarchar (7 characters)	The order in which Cisco Unity Connection plays the following types of "saved" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Optional	@SayAltGreetWarning	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.
Optional	@SayAni	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.
Optional	@SayCopiedNames	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.
Optional	@SayDistributionList	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Optional	@SayMsgNumber	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SaySender	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Optional	@SaySenderExtension	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Optional	@SayTimestampAfter	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Optional	@SayTimestampBefore	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Optional	@SayTotalNew	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.
Optional	@SayTotalNewEmail	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.
Optional	@SayTotalNewFax	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Optional	@SayTotalNewVoice	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.
Optional	@SayTotalReceipts	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.
Optional	@SayTotalSaved	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Optional	@SendBroadcastMsg	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber may send broadcast messages.
Optional	@SendConv	In	inherit	smallint (2 bytes)	Type of send conversation to use - standard or streamlined.
Optional	@SendQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) send limit.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SendReadReceipts	In	inherit	smallint (2 bytes)	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Optional	@SkipPasswordForKnownDevice	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.
Optional	@SpeechCompleteTimeout	In	inherit	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Optional	@SpeechConfidenceThreshold	In	inherit	int (4 bytes)	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SpeechIncompleteTimeout	In	inherit	int (4 bytes)	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Optional	@SpeechSensitivity	In	inherit	int (4 bytes)	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.
Optional	@SpeechSpeedVsAccuracy	In	inherit	int (4 bytes)	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Optional	@Speed	In	inherit	smallint (2 bytes)	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.
Optional	@State	In	inherit	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TimeLastCall	In	inherit	datetime (8 bytes)	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).
Optional	@TimeZone	In	inherit	int (4 bytes)	The time zone to which this user account is associated.
Optional	@Undeetable	In	inherit	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UpdateBroadcastMsg	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Optional	@UseBriefPrompts	In	inherit	smallint (2 bytes)	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit language from location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit timezone from location.
Optional	@UseVui	In	inherit	smallint (2 bytes)	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.
Optional	@VoiceNameRequired	In	inherit	smallint (2 bytes)	A flag indicating whether a recorded voice name is required for this subscriber.
Optional	@Volume	In	inherit	int (4 bytes)	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.
Optional	@WarningQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) warning limit.
Optional	@XferString	In	inherit	nvarchar (40 characters)	The alternate transfer option extension for the primary call handler for the subscriber.

Exceptions

csp_SubscriberTemplateModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid subscriber template object as specified by @ObjectId was not found. The names of the object (subscriber), parameter (@ObjectId), view (vw_SubscriberTemplate), and column (ObjectId) are included with the exception message.

Parameter Properties

@Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Address
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Address." If "tbl_User.Address" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AddressAfterRecord

Property Name	Value
Description:	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AddressAfterRecord
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AddressAfterRecord." If "tbl_UserSubscriber.AddressAfterRecord" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AddressMode

Property Name	Value
Description:	The default method the subscriber will use to address messages to other subscribers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AddressMode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	AddressMode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AddressMode." If "tbl_UserSubscriber.AddressMode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AnnounceUpcomingMeetings

Property Name	Value
Description:	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AnnounceUpcomingMeetings
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AnnounceUpcomingMeetings." If "tbl_UserSubscriber.AnnounceUpcomingMeetings" can be NULL, then explicit NULL is allowed.
Default Value:	60
Direction:	In
Update Column Value From Parameter:	True

@AssistantRowsPerPage

Property Name	Value
Description:	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.AssistantRowsPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.AssistantRowsPerPage." If "tbl_UserSubscriber.AssistantRowsPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.BillingId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.BillingId." If "tbl_User.BillingId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Building
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Building." If "tbl_User.Building" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CallAnswerTimeout

Property Name	Value
Description:	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.CallAnswerTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.CallAnswerTimeout." If "tbl_UserSubscriber.CallAnswerTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@CantChange

Property Name	Value
Description:	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.CantChange
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.CantChange." If "tbl_UserTemplate.CantChange" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.City
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.City." If "tbl_User.City" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ClientMatterCode

Property Name	Value
Description:	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assigning account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ClientMatterCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ClientMatterCode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ClientMatterCode." If "tbl_UserSubscriber.ClientMatterCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ClockMode

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ClockMode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	ClockMode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ClockMode." If "tbl_UserSubscriber.ClockMode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmationConfidenceThreshold

Property Name	Value
Description:	Voice Recognition Confirmation Confidence Threshold
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmationConfidenceThreshold
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmationConfidenceThreshold." If "tbl_UserSubscriber.ConfirmationConfidenceThreshold" can be NULL, then explicit NULL is allowed.
Default Value:	60
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteDeletedMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single deleted message.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteDeletedMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteDeletedMessage." If "tbl_UserSubscriber.ConfirmDeleteDeletedMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteMessage

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteMessage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteMessage." If "tbl_UserSubscriber.ConfirmDeleteMessage" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ConfirmDeleteMultipleMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection allows the subscriber to choose which message they want to delete or whether Cisco Unity Connection permanently deletes the specified type of messages. Changes what Cisco Unity Connection does when subscribers press 3 > 2 > 2 from the Main menu to permanently delete multiple deleted messages at once.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConfirmDeleteMultipleMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConfirmDeleteMultipleMessages." If "tbl_UserSubscriber.ConfirmDeleteMultipleMessages" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ConversationTui

Property Name	Value
Description:	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConversationTui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConversationTui." If "tbl_UserSubscriber.ConversationTui" can be NULL, then explicit NULL is allowed.
Default Value:	SubMenu
Direction:	In
Update Column Value From Parameter:	True

@ConversationVui

Property Name	Value
Description:	The VUI conversation assigned to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ConversationVui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ConversationVui." If "tbl_UserSubscriber.ConversationVui" can be NULL, then explicit NULL is allowed.
Default Value:	VuiStart
Direction:	In
Update Column Value From Parameter:	True

@CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CosObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_User.CosObjectId." If "tbl_User.CosObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Country
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Country." If "tbl_User.Country" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DelayAfterGreeting

Property Name	Value
Description:	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.DelayAfterGreeting
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.DelayAfterGreeting." If "tbl_UserSubscriber.DelayAfterGreeting" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DeletedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection presents deleted messages to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_UserSubscriber.DeletedMessageSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.DeletedMessageSortOrder." If "tbl_UserSubscriber.DeletedMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Department
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Department." If "tbl_User.Department" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DirectoryId
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_User.DirectoryId." If "tbl_User.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Inherit - inherit parameter value from "tbl_User.DisplayName." If "tbl_User.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayNameRule

Property Name	Value
Description:	The format for generating the user display name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.DisplayNameRule
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	DisplayNameRule

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.DisplayNameRule." If "tbl_UserTemplate.DisplayNameRule" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DoesntExpire

Property Name	Value
Description:	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.DoesntExpire
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.DoesntExpire." If "tbl_UserTemplate.DoesntExpire" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnableMessageLocator

Property Name	Value
Description:	A flag indicating whether the message locator feature is enabled for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableMessageLocator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableMessageLocator." If "tbl_UserSubscriber.EnableMessageLocator" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnablePersonalRules

Property Name	Value
Description:	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnablePersonalRules
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnablePersonalRules." If "tbl_UserSubscriber.EnablePersonalRules" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@EnableTts

Property Name	Value
Description:	A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableTts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableTts." If "tbl_UserSubscriber.EnableTts" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@EnableVisualMessageLocator

Property Name	Value
Description:	A flag indicating whether the visual message locator feature is enabled for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnableVisualMessageLocator
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnableVisualMessageLocator." If "tbl_UserSubscriber.EnableVisualMessageLocator" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetDontRingPhone

Property Name	Value
Description:	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetDontRingPhone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetDontRingPhone." If "tbl_UserSubscriber.EnAltGreetDontRingPhone" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetPreventMsg

Property Name	Value
Description:	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetPreventMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetPreventMsg." If "tbl_UserSubscriber.EnAltGreetPreventMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EnAltGreetPreventSkip

Property Name	Value
Description:	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EnAltGreetPreventSkip
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EnAltGreetPreventSkip." If "tbl_UserSubscriber.EnAltGreetPreventSkip" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@EncryptPrivateMessages

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection encrypts messages from the subscriber that are marked private.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.EncryptPrivateMessages
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.EncryptPrivateMessages." If "tbl_UserSubscriber.EncryptPrivateMessages" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Exit_Action

Property Name	Value
Description:	The type of call action to take, e.g., hang-up, goto another object, etc.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallAction

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.Action." If "tbl_CallAction.Action" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetConversation

Property Name	Value
Description:	The name of the conversation to which the caller is routed.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetConversation
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	ConversationName
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetConversation." If "tbl_CallAction.TargetConversation" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Exit_TargetHandlerObjectId

Property Name	Value
Description:	The unique identifier of the specific object to send along to the target conversation.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_CallAction.TargetHandlerObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_CallAction.TargetHandlerObjectId." If "tbl_CallAction.TargetHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@ExitCallActionObjectId

Property Name	Value
Description:	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ExitCallActionObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ExitCallActionObjectId." If "tbl_UserSubscriber.ExitCallActionObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FirstDigitTimeout

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for first digit when collecting touch tones.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.FirstDigitTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.FirstDigitTimeout." If "tbl_UserSubscriber.FirstDigitTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	5000
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@ForcedAuthorizationCode

Property Name	Value
Description:	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ForcedAuthorizationCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	ForcedAuthorizationCode
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ForcedAuthorizationCode." If "tbl_UserSubscriber.ForcedAuthorizationCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@GreetByName

Property Name	Value
Description:	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.GreetByName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.GreetByName." If "tbl_UserSubscriber.GreetByName" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@InboxAutoRefresh

Property Name	Value
Description:	The rate (in minutes) at which Unity Inbox performs a refresh.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxAutoRefresh
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxAutoRefresh." If "tbl_UserSubscriber.InboxAutoRefresh" can be NULL, then explicit NULL is allowed.
Default Value:	15
Direction:	In
Update Column Value From Parameter:	True

@InboxAutoResolveMessageRecipients

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxAutoResolveMessageRecipients
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxAutoResolveMessageRecipients." If "tbl_UserSubscriber.InboxAutoResolveMessageRecipients" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@InboxMessagesPerPage

Property Name	Value
Description:	The number of messages Unity Inbox displays in a page.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InboxMessagesPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InboxMessagesPerPage." If "tbl_UserSubscriber.InboxMessagesPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	20
Direction:	In
Update Column Value From Parameter:	True

@InterdigitDelay

Property Name	Value
Description:	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.InterdigitDelay
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.InterdigitDelay." If "tbl_UserSubscriber.InterdigitDelay" can be NULL, then explicit NULL is allowed.
Default Value:	3000
Direction:	In
Update Column Value From Parameter:	True

@IsClockMode24Hour

Property Name	Value
Description:	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.IsClockMode24Hour
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.IsClockMode24Hour." If "tbl_UserSubscriber.IsClockMode24Hour" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@IsSetForVmEnrollment

Property Name	Value
Description:	Temporary placeholder until IsVmEnrolled can be phased out. At that point, delete this column and rename tbl_UserSubscriber.IsVmEnrolled to IsSetForVmEnrollment.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@IsVmEnrolled

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.IsVmEnrolled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.IsVmEnrolled." If "tbl_UserSubscriber.IsVmEnrolled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@JumpToMessagesOnLogin

Property Name	Value
Description:	A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.JumpToMessagesOnLogin
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.JumpToMessagesOnLogin." If "tbl_UserSubscriber.JumpToMessagesOnLogin" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_User.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_User.Language." If "tbl_User.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ListInDirectory

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection should list the subscriber in the phone directory for outside callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.ListInDirectory
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.ListInDirectory." If "tbl_UserSubscriber.ListInDirectory" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.MailboxDn
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	lvarchar (392 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.MailboxDn." If "tbl_User.MailboxDn" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.MailboxStoreObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.MailboxStoreObjectId." If "tbl_UserTemplate.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Manager
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.Manager." If "tbl_User.Manager" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has a dual switch integration. FK to tbl_MediaSwitchObjectId
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MediaSwitchObjectId." If "tbl_UserSubscriber.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MessageAgingPolicyObjectId

Property Name	Value
Description:	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.MessageAgingPolicyObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.MessageAgingPolicyObjectId." If "tbl_UserTemplate.MessageAgingPolicyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MessageLocatorSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort messages when the "Message Locator" feature is enabled.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MessageLocatorSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MessageLocatorSortOrder." If "tbl_UserSubscriber.MessageLocatorSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@MessageTypeMenu

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the message type menu when the subscriber logs on to Cisco Unity Connection over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.MessageTypeMenu
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.MessageTypeMenu." If "tbl_UserSubscriber.MessageTypeMenu" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@NewMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort new messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.NewMessageSortOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.NewMessageSortOrder." If "tbl_UserSubscriber.NewMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@NewMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "new" messages: <ul style="list-style-type: none"> * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.NewMessageStackOrder

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (7 characters)
Custom Type:	MessageStackOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.NewMessageStackOrder." If "tbl_UserSubscriber.NewMessageStackOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1234567
Direction:	In
Update Column Value From Parameter:	True

@NotificationType

Property Name	Value
Description:	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.NotificationType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NotificationType
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.NotificationType." If "tbl_UserTemplate.NotificationType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The unique identifier of the subscriber template to modify.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)

Property Name	Value
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PabLastImported
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PabLastImported." If "tbl_User.PabLastImported" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PcaAddressBookRowsPerPage

Property Name	Value
Description:	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PcaAddressBookRowsPerPage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PcaAddressBookRowsPerPage." If "tbl_UserSubscriber.PcaAddressBookRowsPerPage" can be NULL, then explicit NULL is allowed.
Default Value:	5
Direction:	In
Update Column Value From Parameter:	True

@PcaHomePage

Property Name	Value
Description:	The Home Page is the first page that is displayed after logging in to the PCA.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PcaHomePage
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PcaHomePage." If "tbl_UserSubscriber.PcaHomePage" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PostalCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PostalCode." If "tbl_User.PostalCode" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PromptSpeed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back prompts to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PromptSpeed
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PromptSpeed." If "tbl_UserSubscriber.PromptSpeed" can be NULL, then explicit NULL is allowed.
Default Value:	100
Direction:	In
Update Column Value From Parameter:	True

@PromptVolume

Property Name	Value
Description:	The volume level for playback of system prompts.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.PromptVolume
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	Volume
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.PromptVolume." If "tbl_UserSubscriber.PromptVolume" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.ReadOnly." If "tbl_User.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ReceiveQuota

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ReceiveQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ReceiveQuota." If "tbl_UserTemplate.ReceiveQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	True

@RecordUnknownCallerName

Property Name	Value
Description:	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RecordUnknownCallerName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RecordUnknownCallerName." If "tbl_UserSubscriber.RecordUnknownCallerName" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@RepeatMenu

Property Name	Value
Description:	The number of times to repeat a menu in TUI.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RepeatMenu
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RepeatMenu." If "tbl_UserSubscriber.RepeatMenu" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@RingPrimaryPhoneFirst

Property Name	Value
Description:	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.RingPrimaryPhoneFirst
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.RingPrimaryPhoneFirst." If "tbl_UserSubscriber.RingPrimaryPhoneFirst" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.RouteNDRToSender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.RouteNDRToSender." If "tbl_User.RouteNDRToSender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SavedMessageSortOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection will sort saved messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SavedMessageSortOrder

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	MessageSortOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SavedMessageSortOrder." If "tbl_UserSubscriber.SavedMessageSortOrder" can be NULL, then explicit NULL is allowed.
Default Value:	2
Direction:	In
Update Column Value From Parameter:	True

@SavedMessageStackOrder

Property Name	Value
Description:	The order in which Cisco Unity Connection plays the following types of "saved" messages: * Urgent voice messages * Non-urgent voice messages * Urgent fax messages * Non-urgent fax messages * Urgent e-mail messages * Non-urgent e-mail messages * Receipts and notices
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SavedMessageStackOrder
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (7 characters)
Custom Type:	MessageStackOrder
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SavedMessageStackOrder." If "tbl_UserSubscriber.SavedMessageStackOrder" can be NULL, then explicit NULL is allowed.
Default Value:	1234567
Direction:	In
Update Column Value From Parameter:	True

@SayAltGreetWarning

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayAltGreetWarning
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayAltGreetWarning." If "tbl_UserSubscriber.SayAltGreetWarning" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayAni

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayAni
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayAni." If "tbl_UserSubscriber.SayAni" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayCopiedNames

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the "copied" names during message playback for a subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayCopiedNames
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayCopiedNames." If "tbl_UserSubscriber.SayCopiedNames" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayDistributionList

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the distribution list that sends a message, if applicable.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayDistributionList
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayDistributionList." If "tbl_UserSubscriber.SayDistributionList" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayMsgNumber

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayMsgNumber
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayMsgNumber." If "tbl_UserSubscriber.SayMsgNumber" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SaySender

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the sender of a message during message playback for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SaySender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SaySender." If "tbl_UserSubscriber.SaySender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SaySenderExtension

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SaySenderExtension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SaySenderExtension." If "tbl_UserSubscriber.SaySenderExtension" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTimestampAfter

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp after it plays back each message for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTimestampAfter
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTimestampAfter." If "tbl_UserSubscriber.SayTimestampAfter" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayTimestampBefore

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the timestamp before it plays back each for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTimestampBefore
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTimestampBefore." If "tbl_UserSubscriber.SayTimestampBefore" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNew

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNew
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNew." If "tbl_UserSubscriber.SayTotalNew" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewEmail

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new e-mail messages in the subscriber mailbox.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewEmail
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewEmail." If "tbl_UserSubscriber.SayTotalNewEmail" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewFax

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new fax messages in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewFax
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewFax." If "tbl_UserSubscriber.SayTotalNewFax" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalNewVoice

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new voice messages in the subscriber mailbox.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalNewVoice
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalNewVoice." If "tbl_UserSubscriber.SayTotalNewVoice" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SayTotalReceipts

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of new receipts in the subscriber mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalReceipts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalReceipts." If "tbl_UserSubscriber.SayTotalReceipts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SayTotalSaved

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection announces the total number of saved messages in the subscriber mailbox.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SayTotalSaved
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SayTotalSaved." If "tbl_UserSubscriber.SayTotalSaved" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber may send broadcast messages.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SendBroadcastMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SendBroadcastMsg." If "tbl_UserSubscriber.SendBroadcastMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SendConv

Property Name	Value
Description:	Type of send conversation to use - standard or streamlined.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SendConv
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	SendConverationType
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SendConv." If "tbl_UserSubscriber.SendConv" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendQuota

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.SendQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.SendQuota." If "tbl_UserTemplate.SendQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	True

@SendReadReceipts

Property Name	Value
Description:	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.SendReadReceipts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.SendReadReceipts." If "tbl_UserTemplate.SendReadReceipts" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SkipPasswordForKnownDevice

Property Name	Value
Description:	A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SkipPasswordForKnownDevice
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SkipPasswordForKnownDevice." If "tbl_UserSubscriber.SkipPasswordForKnownDevice" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SpeechCompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result (either accepting it or throwing a nomatch event). The SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar.</p> <p>A long SpeechCompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechCompleteTimeout value may lead to the inappropriate break up of an utterance. Reasonable SpeechCompleteTimeout values are typically in the range of 0.3 seconds to 1.0 second. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechCompleteTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechCompleteTimeout." If "tbl_UserSubscriber.SpeechCompleteTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	300
Direction:	In
Update Column Value From Parameter:	True

@SpeechConfidenceThreshold

Property Name	Value
Description:	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechConfidenceThreshold
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechConfidenceThreshold." If "tbl_UserSubscriber.SpeechConfidenceThreshold" can be NULL, then explicit NULL is allowed.
Default Value:	45
Direction:	In
Update Column Value From Parameter:	True

@SpeechIncompleteTimeout

Property Name	Value
Description:	<p>Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar, but where it is possible to speak further and still match the grammar. By contrast, the SpeechCompleteTimeout property is used when the speech prior to the silence matches an active grammar and no further words can be spoken.</p> <p>A long SpeechIncompleteTimeout value delays the result completion and therefore makes the system's response slow. A short SpeechIncompleteTimeout value may lead to the inappropriate break up of an utterance.</p> <p>The SpeechIncompleteTimeout value is usually longer than the completetimeout value to allow users to pause mid-utterance (for example, to breathe). Note that values set for the completetimeout property are only supported if they are less than the incompletetimeout property. See Appendix D?Timing properties of the VoiceXML Specification for details.</p>
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechIncompleteTimeout
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechIncompleteTimeout." If "tbl_UserSubscriber.SpeechIncompleteTimeout" can be NULL, then explicit NULL is allowed.
Default Value:	750
Direction:	In
Update Column Value From Parameter:	True

@SpeechSensitivity

Property Name	Value
Description:	To filter out background noise and not mistake it for speech, the engine supports a variable level of sound sensitivity. A higher value means higher sensitivity.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechSensitivity
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechSensitivity." If "tbl_UserSubscriber.SpeechSensitivity" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@SpeechSpeedVsAccuracy

Property Name	Value
Description:	Tunes the engine towards Performance or Accuracy. A higher value for this setting means faster matches that may be less accurate. A lower value for this setting means more accurate matches along with more processing and higher CPU utilization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.SpeechSpeedVsAccuracy
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.SpeechSpeedVsAccuracy." If "tbl_UserSubscriber.SpeechSpeedVsAccuracy" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@Speed

Property Name	Value
Description:	The audio speed Cisco Unity Connection uses to play back messages to the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.Speed
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.Speed." If "tbl_UserSubscriber.Speed" can be NULL, then explicit NULL is allowed.
Default Value:	100
Direction:	In
Update Column Value From Parameter:	True

@State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.State
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.State." If "tbl_User.State" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeLastCall

Property Name	Value
Description:	The date and time when the subscriber last accessed their mailbox by phone (last time they were offered messages).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.TimeLastCall
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.TimeLastCall." If "tbl_UserSubscriber.TimeLastCall" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.TimeZone." If "tbl_User.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.Undeletable." If "tbl_User.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@UpdateBroadcastMsg

Property Name	Value
Description:	A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UpdateBroadcastMsg
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UpdateBroadcastMsg." If "tbl_UserSubscriber.UpdateBroadcastMsg" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseBriefPrompts

Property Name	Value
Description:	A flag indicating whether the subscriber hears brief or full phone menus when accessing Cisco Unity Connection over the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UseBriefPrompts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UseBriefPrompts." If "tbl_UserSubscriber.UseBriefPrompts" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the user inherit language from location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the user inherit timezone from location.
Notes:	See vw_User.UseDefaultTimeZone for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseVui

Property Name	Value
Description:	A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.UseVui
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.UseVui." If "tbl_UserSubscriber.UseVui" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@VoiceNameRequired

Property Name	Value
Description:	A flag indicating whether a recorded voice name is required for this subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.VoiceNameRequired
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.VoiceNameRequired." If "tbl_UserSubscriber.VoiceNameRequired" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Volume

Property Name	Value
Description:	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.Volume

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	Volume
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.Volume." If "tbl_UserSubscriber.Volume" can be NULL, then explicit NULL is allowed.
Default Value:	50
Direction:	In
Update Column Value From Parameter:	True

@WarningQuota

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.WarningQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.WarningQuota." If "tbl_UserTemplate.WarningQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	True

@XferString

Property Name	Value
Description:	The alternate transfer option extension for the primary call handler for the subscriber.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserSubscriber.XferString
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	DtmfAccessId

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserSubscriber.XferString." If "tbl_UserSubscriber.XferString" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.301. csp_TaskContextCreate

Creates a new TaskContext object by inserting a new row into tbl_TaskContext.

Additional Information

The parameters @Name and @TaskPeriodicObjectId must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Name	In	inherit	varchar (64 characters)	The text name for the name value pair.
Required	@TaskPeriodicObjectId	In	inherit	char (36 characters)	The unique identifier of the TaskPeriodic object to which this named-value pair applies.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@Value	In	inherit	nvarchar (255 characters)	The value for the name, value pair.

Exceptions

csp_TaskContextCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Name and @TaskPeriodicObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	

Property Name	Value
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Name

Property Name	Value
Description:	The text name for the name value pair.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskContext.Name
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (64 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskContext.Name." If "tbl_TaskContext.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TaskPeriodicObjectId

Property Name	Value
Description:	The unique identifier of the TaskPeriodic object to which this named-value pair applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskContext.TaskPeriodicObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_TaskContext.TaskPeriodicObjectId." If "tbl_TaskContext.TaskPeriodicObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Value

Property Name	Value
Description:	The value for the name, value pair.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskContext.Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskContext.Value." If "tbl_TaskContext.Value" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.302. csp_TaskContextDelete

Deletes a TaskContext object from tbl_TaskContext as specified by the combination of the @Name and TaskPeriodicObjectId parameters.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Name	In	inherit	varchar (64 characters)	The text name for the name value pair.
Required	@TaskPeriodicObjectId	In	inherit	char (36 characters)	The unique identifier of the TaskPeriodic object to which this named-value pair applies.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_TaskContextDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Name and @TaskPeriodicObjectId) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified TaskContext object was not found. The names of the object (Task context), table (tbl_TaskContext), and columns (TaskPeriodicObjectId, Name) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_TaskContext), and the columns (TaskPeriodicObjectId, Name) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Name

Property Name	Value
Description:	The text name for the name value pair.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskContext.Name
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskContext.Name." If "tbl_TaskContext.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TaskPeriodicObjectId

Property Name	Value
Description:	The unique identifier of the TaskPeriodic object to which this named-value pair applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskContext.TaskPeriodicObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_TaskContext.TaskPeriodicObjectId." If "tbl_TaskContext.TaskPeriodicObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.303. csp_TaskContextModify

Modify a row in tbl_TaskContext

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Name	In	inherit	varchar (64 characters)	The text name for the name value pair.
Required	@TaskPeriodicObjectId	In	inherit	char (36 characters)	The unique identifier of the TaskPeriodic object to which this named-value pair applies.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@Value	In	inherit	nvarchar (255 characters)	The value for the name, value pair.

Exceptions

csp_TaskContextModify does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The text name for the name value pair.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskContext.Name
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskContext.Name." If "tbl_TaskContext.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TaskPeriodicObjectId

Property Name	Value
Description:	The unique identifier of the TaskPeriodic object to which this named-value pair applies.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskContext.TaskPeriodicObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_TaskContext.TaskPeriodicObjectId." If "tbl_TaskContext.TaskPeriodicObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Value

Property Name	Value
Description:	The value for the name, value pair.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskContext.Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskContext.Value." If "tbl_TaskContext.Value" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.304. csp_TaskDefinitionCreate

Creates a new TaskDefinition object by inserting a new row into tbl_TaskDefinition.

Additional Information

The parameters @ClassName and @DisplayNameKey must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ClassName	In	inherit	varchar (255 characters)	The full name of the java class to load when running this task.
Required	@DisplayNameKey	In	inherit	varchar (255 characters)	A key into the localized text table, which provides a display name for this task.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@IsAdHoc	In	inherit	smallint (2 bytes)	A flag indicating whether this task should be presented in the SA as a possible Ad-Hoc task to run. Ad Hoc tasks are those which are run "on-demand." They are run one time, and results from the tasks execution are displayed at that time.
Optional	@Summary	In	inherit	nvarchar (255 characters)	A summary of the task used for display purposes.

Exceptions

csp_TaskDefinitionCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@ClassName and @DisplayNameKey) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ClassName

Property Name	Value
Description:	The full name of the java class to load when running this task.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskDefinition.ClassName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskDefinition.ClassName." If "tbl_TaskDefinition.ClassName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayNameKey

Property Name	Value
Description:	A key into the localized text table, which provides a display name for this task.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskDefinition.DisplayNameKey
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskDefinition.DisplayNameKey." If "tbl_TaskDefinition.DisplayNameKey" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsAdHoc

Property Name	Value
Description:	A flag indicating whether this task should be presented in the SA as a possible Ad-Hoc task to run. Ad Hoc tasks are those which are run "on-demand." They are run one time, and results from the tasks execution are displayed at that time.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_TaskDefinition.IsAdHoc
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TaskDefinition.IsAdHoc." If "tbl_TaskDefinition.IsAdHoc" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Summary

Property Name	Value
Description:	A summary of the task used for display purposes.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskDefinition.Summary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskDefinition.Summary." If "tbl_TaskDefinition.Summary" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.305. csp_TaskDefinitionDelete

Deletes a TaskDefinition object from tbl_TaskDefinition as specified by the combination of the @ClassName and @DisplayNameKey parameters.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ClassName	In	inherit	varchar (255 characters)	The full name of the java class to load when running this task.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_TaskDefinitionDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ClassName is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified TaskDefinition object was not found. The names of the object (Task definition), table (tbl_TaskDefinition), and column (ClassName) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_TaskDefinition), and the column (ClassName) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ClassName

Property Name	Value
Description:	The full name of the java class to load when running this task.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_TaskDefinition.ClassName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskDefinition.ClassName." If "tbl_TaskDefinition.ClassName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.306. csp_TaskDefinitionModify

Updates the attributes of a TaskDefinition object based on the values passed in via the parameters. The @ClassName and @DisplayNameKey parameters identify the TaskDefinition object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ClassName	In	inherit	varchar (255 characters)	The full name of the java class to load when running this task.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@DisplayNameKey	In	inherit	varchar (255 characters)	A key into the localized text table, which provides a display name for this task.
Optional	@IsAdHoc	In	inherit	smallint (2 bytes)	A flag indicating whether this task should be presented in the SA as a possible Ad-Hoc task to run. Ad Hoc tasks are those which are run "on-demand." They are run one time, and results from the tasks execution are displayed at that time.
Optional	@Summary	In	inherit	nvarchar (255 characters)	A summary of the task used for display purposes.

Exceptions

csp_TaskDefinitionModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ClassName is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified TaskDefinition object was not found. The names of the object (Task definition), table (tbl_TaskDefinition), and column (ClassName) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ClassName

Property Name	Value
Description:	The full name of the java class to load when running this task.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskDefinition.ClassName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskDefinition.ClassName." If "tbl_TaskDefinition.ClassName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayNameKey

Property Name	Value
Description:	A key into the localized text table, which provides a display name for this task.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskDefinition.DisplayNameKey
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskDefinition.DisplayNameKey." If "tbl_TaskDefinition.DisplayNameKey" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsAdHoc

Property Name	Value
Description:	A flag indicating whether this task should be presented in the SA as a possible Ad-Hoc task to run. Ad Hoc tasks are those which are run "on-demand." They are run one time, and results from the tasks execution are displayed at that time.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskDefinition.IsAdHoc
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TaskDefinition.IsAdHoc." If "tbl_TaskDefinition.IsAdHoc" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Summary

Property Name	Value
Description:	A summary of the task used for display purposes.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskDefinition.Summary
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskDefinition.Summary." If "tbl_TaskDefinition.Summary" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.307. csp_TaskPeriodicCreate

Creates a new TaskPeriodic object by inserting a new row into tbl_TaskPeriodic.

Additional Information

If default values are not explicitly set, the defaults will be set to the value of their corresponding parameter. For example, if @DefaultPeriod is NULL, then @DefaultPeriod will be set to @Period.

The parameter @ClassName must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ClassName	In	inherit	varchar (255 characters)	The full name of the java class to load when running this task.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@DefaultDelayOnStart	In	inherit	int (4 bytes)	The original setting for DelayOnStart.
Optional	@DefaultIsEnabled	In	inherit	smallint (2 bytes)	The original setting for IsEnabled
Optional	@DefaultPeriod	In	inherit	int (4 bytes)	The original setting for Period.
Optional	@DefaultRunOnStart	In	inherit	smallint (2 bytes)	The original setting for RunOnStart.
Optional	@DefaultSchedExpression	In	inherit	nvarchar (255 characters)	The original setting for SchedExpression.
Optional	@DelayOnStart	In	inherit	int (4 bytes)	The amount of time (in minutes) to delay before starting a task with a period. This does not apply to tasks using a schedule expression.
Optional	@InstanceDetails	In	inherit	nvarchar (255 characters)	A string that may be used to further explain a schedule task. This in conjunction with the TaskDefinition.DisplayName should give the Admin a good idea what this task will be doing. Ex: TaskDefinition.DisplayName - MWI Resync TaskPeriodic.InstanceDetails - Switch #1
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether SysAgent should schedule this periodic task.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@IsReadOnly	In	inherit	smallint (2 bytes)	A flag to indicate if the SA should allow the schedule information for this periodic task to be edited.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a TaskPeriodic object.
Optional	@Period	In	inherit	int (4 bytes)	The interval (in minutes) at which SysAgent will run the task.
Optional	@RunOnStart	In	inherit	smallint (2 bytes)	A flag indicating whether this task will be run during startup.
Optional	@SchedExpression	In	inherit	nvarchar (255 characters)	The schedule expression used to schedule this task. This includes information such as when to start the task, when to end it and how often to run the task.

Exceptions

csp_TaskPeriodicCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ClassName is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ClassName

Property Name	Value
Description:	The full name of the java class to load when running this task.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.ClassName
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.ClassName." If "tbl_TaskPeriodic.ClassName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultDelayOnStart

Property Name	Value
Description:	The original setting for DelayOnStart.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.DefaultDelayOnStart
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.DefaultDelayOnStart." If "tbl_TaskPeriodic.DefaultDelayOnStart" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultIsEnabled

Property Name	Value
Description:	The original setting for IsEnabled
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.DefaultIsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.DefaultIsEnabled." If "tbl_TaskPeriodic.DefaultIsEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultPeriod

Property Name	Value
Description:	The original setting for Period.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.DefaultPeriod
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.DefaultPeriod." If "tbl_TaskPeriodic.DefaultPeriod" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultRunOnStart

Property Name	Value
Description:	The original setting for RunOnStart.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.DefaultRunOnStart
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.DefaultRunOnStart." If "tbl_TaskPeriodic.DefaultRunOnStart" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DefaultSchedExpression

Property Name	Value
Description:	The original setting for SchedExpression.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_TaskPeriodic.DefaultSchedExpression
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.DefaultSchedExpression." If "tbl_TaskPeriodic.DefaultSchedExpression" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DelayOnStart

Property Name	Value
Description:	The amount of time (in minutes) to delay before starting a task with a period. This does not apply to tasks using a schedule expression.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.DelayOnStart
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.DelayOnStart." If "tbl_TaskPeriodic.DelayOnStart" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@InstanceDetails

Property Name	Value
Description:	A string that may be used to further explain a schedule task. This in conjunction with the TaskDefinition.DisplayName should give the Admin a good idea what this task will be doing. Ex: TaskDefinition.DisplayName - MWI Resync TaskPeriodic.InstanceDetails - Switch #1
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.InstanceDetails
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.InstanceDetails." If "tbl_TaskPeriodic.InstanceDetails" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether SysAgent should schedule this periodic task.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.IsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.IsEnabled." If "tbl_TaskPeriodic.IsEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@IsReadOnly

Property Name	Value
Description:	A flag to indicate if the SA should allow the schedule information for this periodic task to be edited.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.IsReadOnly

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.IsReadOnly." If "tbl_TaskPeriodic.IsReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a TaskPeriodic object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.ObjectId." If "tbl_TaskPeriodic.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@Period

Property Name	Value
Description:	The interval (in minutes) at which SysAgent will run the task.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.Period
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.Period." If "tbl_TaskPeriodic.Period" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@RunOnStart

Property Name	Value
Description:	A flag indicating whether this task will be run during startup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.RunOnStart
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.RunOnStart." If "tbl_TaskPeriodic.RunOnStart" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SchedExpression

Property Name	Value
Description:	The schedule expression used to schedule this task. This includes information such as when to start the task, when to end it and how often to run the task.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.SchedExpression
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.SchedExpression." If "tbl_TaskPeriodic.SchedExpression" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

6.308. csp_TaskPeriodicDelete

Deletes a TaskPeriodic object from tbl_TaskPeriodic as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a TaskPeriodic object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.

Exceptions

csp_TaskPeriodicDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified TaskPeriodic object was not found. The names of the object (Task periodic), table (tbl_TaskPeriodic), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_TaskPeriodic), and the column (ObjectId) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a TaskPeriodic object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.ObjectId." If "tbl_TaskPeriodic.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.309. csp_TaskPeriodicModify

Updates the attributes of a TaskPeriodic object based on the values passed in via the parameters. The @ObjectId identifies the TaskPeriodic object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a TaskPeriodic object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	Unity alias for the auditing.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	Component name for the auditing.
Optional	@ClassName	In	inherit	varchar (255 characters)	The full name of the java class to load when running this task.
Optional	@DelayOnStart	In	inherit	int (4 bytes)	The amount of time (in minutes) to delay before starting a task with a period. This does not apply to tasks using a schedule expression.
Optional	@InstanceDetails	In	inherit	nvarchar (255 characters)	A string that may be used to further explain a schedule task. This in conjunction with the TaskDefinition.DisplayName should give the Admin a good idea what this task will be doing. Ex: TaskDefinition.DisplayName - MWI Resync TaskPeriodic.InstanceDetails - Switch #1
Optional	@IsEnabled	In	inherit	smallint (2 bytes)	A flag indicating whether SysAgent should schedule this periodic task.
Optional	@IsReadOnly	In	inherit	smallint (2 bytes)	A flag to indicate if the SA should allow the schedule information for this periodic task to be edited.
Optional	@Period	In	inherit	int (4 bytes)	The interval (in minutes) at which SysAgent will run the task.
Optional	@RunOnStart	In	inherit	smallint (2 bytes)	A flag indicating whether this task will be run during startup.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@SchedExpression	In	inherit	nvarchar (255 characters)	The schedule expression used to schedule this task. This includes information such as when to start the task, when to end it and how often to run the task.

Exceptions

csp_TaskPeriodicModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ClassName is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified TaskPeriodic object was not found. The names of the object (Task periodic), table (tbl_TaskPeriodic), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	Unity alias for the auditing.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	Component name for the auditing.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ClassName

Property Name	Value
Description:	The full name of the java class to load when running this task.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.ClassName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.ClassName." If "tbl_TaskPeriodic.ClassName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DelayOnStart

Property Name	Value
Description:	The amount of time (in minutes) to delay before starting a task with a period. This does not apply to tasks using a schedule expression.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.DelayOnStart
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.DelayOnStart." If "tbl_TaskPeriodic.DelayOnStart" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@InstanceDetails

Property Name	Value
Description:	A string that may be used to further explain a schedule task. This in conjunction with the TaskDefinition.DisplayName should give the Admin a good idea what this task will be doing. Ex: TaskDefinition.DisplayName - MWI Resync TaskPeriodic.InstanceDetails - Switch #1
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.InstanceDetails
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.InstanceDetails." If "tbl_TaskPeriodic.InstanceDetails" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IsEnabled

Property Name	Value
Description:	A flag indicating whether SysAgent should schedule this periodic task.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.IsEnabled
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.IsEnabled." If "tbl_TaskPeriodic.IsEnabled" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@IsReadOnly

Property Name	Value
Description:	A flag to indicate if the SA should allow the schedule information for this periodic task to be edited.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.IsReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.IsReadOnly." If "tbl_TaskPeriodic.IsReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a TaskPeriodic object.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_TaskPeriodic.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.ObjectId." If "tbl_TaskPeriodic.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Period

Property Name	Value
Description:	The interval (in minutes) at which SysAgent will run the task.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.Period
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.Period." If "tbl_TaskPeriodic.Period" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@RunOnStart

Property Name	Value
Description:	A flag indicating whether this task will be run during startup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.RunOnStart
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.RunOnStart." If "tbl_TaskPeriodic.RunOnStart" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@SchedExpression

Property Name	Value
Description:	The schedule expression used to schedule this task. This includes information such as when to start the task, when to end it and how often to run the task.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TaskPeriodic.SchedExpression
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (255 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TaskPeriodic.SchedExpression." If "tbl_TaskPeriodic.SchedExpression" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.310. csp_TimeZoneLocalUtc

Converts local time to Coordinated Universal Time (UTC) using the provided timezone identifier.

Additional Information

The parameters @TimeZoneId and @LocalDateTime must be provided.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@LocalDateTime	In	ignore	datetime (8 bytes)	The local date and time.
Required	@TimeZoneId	In	inherit	int (4 bytes)	The unique ID for this time zone entry.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@UtcDateTime	Out	ignore	datetime (8 bytes)	The target UTC date and time, which is converted to local time.

Exceptions

csp_TimeZoneLocalUtc will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@TimeZoneId and @UtcDateTime) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Timezone object was not found. The names of the object (Timezone), table (tbl_TimeZone), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@LocalDateTime

Property Name	Value
Description:	The local date and time.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeZoneId

Property Name	Value
Description:	The unique ID for this time zone entry.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TimeZone.TimeZoneId
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TimeZone.TimeZoneId." If "tbl_TimeZone.TimeZoneId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UtcDateTime

Property Name	Value
Description:	The target UTC date and time, which is converted to local time.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.311. csp_TimeZoneLocalUtc_s

Wrapper around csp_TimeZoneLocalUtc that uses varchars to transmit the input and output dates.

Additional Information

This is provided in case Java clients need a backup plan for the problem described in CSCsh84889. If things look OK, this proc can be deleted.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@LocalDateTime	In	ignore	varchar (30 characters)	Date/time to convert to UTC.
Required	@TimeZoneId	In	inherit	int (4 bytes)	The unique ID for this time zone entry.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@UtcDateTime	Out	ignore	varchar (30 characters)	

Exceptions

csp_TimeZoneLocalUtc_s will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	
1004	EXCEPTION_OBJECT_NOTFOUND	

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@LocalDateTime

Property Name	Value
Description:	Date/time to convert to UTC.
Notes:	Format "Y-M-D h:m:s" (24-hour clock).
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required

Property Name	Value
SQL Data Type/Length:	varchar (30 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeZoneId

Property Name	Value
Description:	The unique ID for this time zone entry.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TimeZone.TimeZoneId
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TimeZone.TimeZoneId." If "tbl_TimeZone.TimeZoneId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UtcDateTime

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (30 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out

Property Name	Value
Update Column Value From Parameter:	False

6.312. csp_TimeZoneServerUtc

Converts a time from server local time to UTC

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ServerTime	In	ignore	datetime (8 bytes)	Time in server local time.
Optional	@UtcTime	Out	ignore	datetime (8 bytes)	Time in UTC.

Exceptions

csp_TimeZoneServerUtc does not throw any exceptions.

Parameter Properties

@ServerTime

Property Name	Value
Description:	Time in server local time.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UtcTime

Property Name	Value
Description:	Time in UTC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

6.313. csp_TimeZoneSet

Sets the time zone for a VMS. It sets the timezone in all user templates, default users, and for the VMS.

Additional Information

The parameter @TimeZoneId must be provided.

This procedure is used mainly for calling from setup.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@TimeZoneId	In	inherit	int (4 bytes)	The unique ID for this time zone entry.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_TimeZoneSet will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @TimeZoneId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified TimeZone object was not found. The names of the object (Time zone), table (tbl_TimeZone), and column (TimeZoneId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.

Property Name	Value
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeZoneld

Property Name	Value
Description:	The unique ID for this time zone entry.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TimeZone.TimeZoneId

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TimeZone.TimeZoneId." If "tbl_TimeZone.TimeZoneId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.314. csp_TimeZoneUtcLocal

Converts Coordinated Universal Time (UTC) to local time using the provided timezone identifier.

Additional Information

The parameters @TimeZoneId and @UtcDateTime must be provided.

Auditing is turned off for this stored procedure.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@TimeZoneId	In	inherit	int (4 bytes)	The unique ID for this time zone entry.
Required	@UtcDateTime	In	ignore	datetime (8 bytes)	The target UTC date and time, which is converted to local time.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@LocalDateTime	Out	ignore	datetime (8 bytes)	The local date and time.

Exceptions

csp_TimeZoneUtcLocal will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@TimeZoneId and @UtcDateTime) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified Timezone object was not found. The names of the object (Timezone), table (tbl_TimeZone), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@LocalDateTime

Property Name	Value
Description:	The local date and time.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@TimeZoneId

Property Name	Value
Description:	The unique ID for this time zone entry.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TimeZone.TimeZoneId
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TimeZone.TimeZoneId." If "tbl_TimeZone.TimeZoneId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UtcDateTime

Property Name	Value
Description:	The target UTC date and time, which is converted to local time.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.315. csp_TimeZoneUtcLocal_s

Wrapper around csp_TimeZoneUtcLocal that uses varchars to transmit the input and output dates.

Additional Information

This is provided in case Java clients need a backup plan for the problem described in CSCsh84889. If things look OK, this proc can be deleted.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@TimeZoneId	In	inherit	int (4 bytes)	The unique ID for this time zone entry.
Required	@UtcDateTime	In	ignore	varchar (30 characters)	UTC date/time to convert to local time.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@LocalDateTime	Out	ignore	varchar (30 characters)	

Exceptions

csp_TimeZoneUtcLocal_s will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	
1004	EXCEPTION_OBJECT_NOTFOUND	

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.

Property Name	Value
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@LocalDateTime

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (30 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@TimeZoneId

Property Name	Value
Description:	The unique ID for this time zone entry.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TimeZone.TimeZoneId
Required/Optional Parameter:	Required
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TimeZone.TimeZoneId." If "tbl_TimeZone.TimeZoneId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@UtcDateTime

Property Name	Value
Description:	UTC date/time to convert to local time.
Notes:	Format "Y-M-D h:m:s" (24-hour clock).
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Required
SQL Data Type/Length:	varchar (30 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	False

6.316. csp_TimeZoneUtcServer

Converts UTC time to server local time.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ServerTime	Out	ignore	datetime (8 bytes)	Time in server local time.
Optional	@UtcTime	In	ignore	datetime (8 bytes)	Time in UTC.

Exceptions

csp_TimeZoneUtcServer does not throw any exceptions.

Parameter Properties

@ServerTime

Property Name	Value
Description:	Time in server local time.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@UtcTime

Property Name	Value
Description:	Time in UTC.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.317. csp_TraceDisable

Disable database tracing.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_TraceDisable does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.318. csp_TraceEnable

Enable database tracing.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_TraceEnable does not throw any exceptions.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.319. csp_TransferOptionCreate

Creates a new TransferOption object by inserting a new row into tbl_TransferOption.

Additional Information

The parameters @CallHandlerObjectId, @MediaSwitchObjectId, and @TransferTypeOption must be provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which this transfer rule belongs.
Required	@TransferOptionType	In	inherit	nvarchar (64 characters)	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."
Optional	@Action	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection transfers the call to the call handler greeting or attempts to transfer the call to an extension.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Extension	In	inherit	nvarchar (40 characters)	The extension (phone number) to transfer to.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object that Cisco Unity Connection uses for transferring the call to the subscriber phone.
Optional	@RnaAction	In	inherit	smallint (2 bytes)	The action Cisco Unity Connection takes for a "Ring-No-Answer" (RNA) condition. Cisco Unity Connection will either transfer the call to the appropriate greeting or releases the call to the phone system.
Optional	@TimeExpires	In	inherit	datetime (8 bytes)	The date and time when this transfer option expires. If the transfer rule is enabled, the value is NULL or a date in the future. If the transfer rule is disabled, the value is a past date.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TransferAnnounce	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays "transferring call" when the subscriber answers the phone.
Optional	@TransferConfirm	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection prompts the subscriber to accept or refuse a call ("Press 1 to take the call or 2 and I'll take a message"). If the call is accepted, it is transferred to the subscriber phone. If the call is refused, Cisco Unity Connection plays the applicable subscriber greeting.
Optional	@TransferDtDetect	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will check for dialtone before attempting to transfer the call.
Optional	@TransferHoldingMode	In	inherit	smallint (2 bytes)	The action Cisco Unity Connection will take when the extension is busy.
Optional	@TransferIntroduce	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will say "call for <recorded name of the call handler>" when the subscriber answers the phone.
Optional	@TransferRings	In	inherit	smallint (2 bytes)	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Optional	@TransferScreening	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will prompt callers to say their names. When the phone is answered, the subscriber hears "Call from..." before Cisco Unity Connection transfers the call.
Optional	@TransferType	In	inherit	smallint (2 bytes)	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Optional	@UsePrimaryExtension	In	ignore	smallint (2 bytes)	Set to 1 (true) to indicate to use the subscriber or call handler primary extension

Exceptions

csp_TransferOptionCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@CallHandlerObjectId, @MediaSwitchObjectId, and @TransferOptionType) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@Action

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection transfers the call to the call handler greeting or attempts to transfer the call to an extension.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TransferRuleAction
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.Action." If "tbl_TransferOption.Action" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias

Property Name	Value
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this transfer rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.CallHandlerObjectId." If "tbl_TransferOption.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@Extension

Property Name	Value
Description:	The extension (phone number) to transfer to.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.Extension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.Extension." If "tbl_TransferOption.Extension" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object that Cisco Unity Connection uses for transferring the call to the subscriber phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.MediaSwitchObjectId." If "tbl_TransferOption.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@RnaAction

Property Name	Value
Description:	The action Cisco Unity Connection takes for a "Ring-No-Answer" (RNA) condition. Cisco Unity Connection will either transfer the call to the appropriate greeting or releases the call to the phone system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.RnaAction
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallHandlerRNAAction
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.RnaAction." If "tbl_TransferOption.RnaAction" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@TimeExpires

Property Name	Value
Description:	The date and time when this transfer option expires. If the transfer rule is enabled, the value is NULL or a date in the future. If the transfer rule is disable, the value is a past date.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TimeExpires
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TimeExpires." If "tbl_TransferOption.TimeExpires" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TransferAnnounce

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays "transferring call" when the subscriber answers the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferAnnounce
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferAnnounce." If "tbl_TransferOption.TransferAnnounce" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferConfirm

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection prompts the subscriber to accept or refuse a call ("Press 1 to take the call or 2 and I'll take a message"). If the call is accepted, it is transferred to the subscriber phone. If the call is refused, Cisco Unity Connection plays the applicable subscriber greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferConfirm
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferConfirm." If "tbl_TransferOption.TransferConfirm" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferDtDetect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will check for dialtone before attempting to transfer the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferDtDetect
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferDtDetect." If "tbl_TransferOption.TransferDtDetect" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferHoldingMode

Property Name	Value
Description:	The action Cisco Unity Connection will take when the extension is busy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferHoldingMode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallHandlerHoldMode
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferHoldingMode." If "tbl_TransferOption.TransferHoldingMode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferIntroduce

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will say "call for <recorded name of the call handler>" when the subscriber answers the phone.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferIntroduce
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferIntroduce." If "tbl_TransferOption.TransferIntroduce" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferOptionType

Property Name	Value
Description:	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferOptionType
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TransferRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferOptionType." If "tbl_TransferOption.TransferOptionType" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@TransferRings

Property Name	Value
Description:	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferRings
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferRings." If "tbl_TransferOption.TransferRings" can be NULL, then explicit NULL is allowed.
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@TransferScreening

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will prompt callers to say their names. When the phone is answered, the subscriber hears "Call from..." before Cisco Unity Connection transfers the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferScreening
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferScreening." If "tbl_TransferOption.TransferScreening" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferType

Property Name	Value
Description:	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_TransferOption.TransferType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TransferType
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferType." If "tbl_TransferOption.TransferType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UsePrimaryExtension

Property Name	Value
Description:	Set to 1 (true) to indicate to use the subscriber or call handler primary extension
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.320. csp_TransferOptionDelete

Deletes a TransferOption object from tbl_TransferOption as specified by the combination of the @CallHandlerObjectId and @TransferOptionType parameters.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which this transfer rule belongs.
Required	@TransferOptionType	In	inherit	nvarchar (64 characters)	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_TransferOptionDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@CallHandlerObjectId and @TransferOptionType) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified TransferOption object was not found. The names of the object (Transfer option), table (tbl_TransferOption), and columns (CallHandlerObjectId and TransferOptionType) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_TransferOptionType), and the columns (CallHandlerObjectId and TransferOptionType) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this transfer rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.CallHandlerObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.CallHandlerObjectId." If "tbl_TransferOption.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TransferOptionType

Property Name	Value
Description:	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferOptionType
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TransferRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferOptionType." If "tbl_TransferOption.TransferOptionType" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.321. csp_TransferOptionModify

Updates the attributes of a TransferOption object based on the values passed in via the parameters. The @CallHandlerObjectId and @TransferOptionType parameters identify the TransferOption object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@CallHandlerObjectId	In	inherit	char (36 characters)	The unique identifier of the CallHandler object to which this transfer rule belongs.
Required	@TransferOptionType	In	inherit	nvarchar (64 characters)	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."
Optional	@Action	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection transfers the call to the call handler greeting or attempts to transfer the call to an extension.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@Expired	In	ignore	smallint (2 bytes)	Enables or disables the transfer option.
Optional	@Extension	In	inherit	nvarchar (40 characters)	The extension (phone number) to transfer to.
Optional	@MediaSwitchObjectId	In	inherit	char (36 characters)	The unique identifier of the MediaSwitch object that Cisco Unity Connection uses for transferring the call to the subscriber phone.
Optional	@RnaAction	In	inherit	smallint (2 bytes)	The action Cisco Unity Connection takes for a "Ring-No-Answer" (RNA) condition. Cisco Unity Connection will either transfer the call to the appropriate greeting or releases the call to the phone system.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TimeExpires	In	inherit	datetime (8 bytes)	The date and time when this transfer option expires. If the transfer rule is enabled, the value is NULL or a date in the future. If the transfer rule is disabled, the value is a past date.
Optional	@TransferAnnounce	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection plays "transferring call" when the subscriber answers the phone.
Optional	@TransferConfirm	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection prompts the subscriber to accept or refuse a call ("Press 1 to take the call or 2 and I'll take a message"). If the call is accepted, it is transferred to the subscriber phone. If the call is refused, Cisco Unity Connection plays the applicable subscriber greeting.
Optional	@TransferDtDetect	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will check for dialtone before attempting to transfer the call.
Optional	@TransferHoldingMode	In	inherit	smallint (2 bytes)	The action Cisco Unity Connection will take when the extension is busy.
Optional	@TransferIntroduce	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will say "call for <recorded name of the call handler>" when the subscriber answers the phone.
Optional	@TransferRings	In	inherit	smallint (2 bytes)	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Optional	@TransferScreening	In	inherit	smallint (2 bytes)	A flag indicating whether Cisco Unity Connection will prompt callers to say their names. When the phone is answered, the subscriber hears "Call from..." before Cisco Unity Connection transfers the call.
Optional	@TransferType	In	inherit	smallint (2 bytes)	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Optional	@UsePrimaryExtension	In	ignore	smallint (2 bytes)	Set to 1 (true) to indicate to inherit the subscriber or call handlers extension.

Exceptions

csp_TransferOptionModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@CallHandlerObjectId and @TransferOptionType) is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The specified TransferOption object was not found. The names of the object (Transfer option), table (tbl_TransferOption), and columns (CallHandlerObjectId and TransferOptionType) are included with the exception message.
1310	EXCEPTION_RESTRICTION_VIOLATION	The extension violated the Default Transfer restriction.

Parameter Properties

@Action

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection transfers the call to the call handler greeting or attempts to transfer the call to an extension.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.Action
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TransferRuleAction
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.Action." If "tbl_TransferOption.Action" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.

Property Name	Value
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@CallHandlerObjectId

Property Name	Value
Description:	The unique identifier of the CallHandler object to which this transfer rule belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.CallHandlerObjectId

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.CallHandlerObjectId." If "tbl_TransferOption.CallHandlerObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Expired

Property Name	Value
Description:	Enables or disables the transfer option.
Notes:	Set to 1 (true) to expire the transfer option and to 0 (false) to un-expire the transfer option.
Business Rules:	
Developer Notes:	Setting this parameter to 1 causes TimeExpires to be set to a Jan 1, 1972. Setting it to 0 causes TimeExpires to be NULL.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Extension

Property Name	Value
Description:	The extension (phone number) to transfer to.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.Extension
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)

Property Name	Value
Custom Type:	PhoneNumberE123
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.Extension." If "tbl_TransferOption.Extension" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MediaSwitchObjectId

Property Name	Value
Description:	The unique identifier of the MediaSwitch object that Cisco Unity Connection uses for transferring the call to the subscriber phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.MediaSwitchObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.MediaSwitchObjectId." If "tbl_TransferOption.MediaSwitchObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@RnaAction

Property Name	Value
Description:	The action Cisco Unity Connection takes for a "Ring-No-Answer" (RNA) condition. Cisco Unity Connection will either transfer the call to the appropriate greeting or releases the call to the phone system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.RnaAction
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallHandlerRNAAction

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.RnaAction." If "tbl_TransferOption.RnaAction" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@TimeExpires

Property Name	Value
Description:	The date and time when this transfer option expires. If the transfer rule is enabled, the value is NULL or a date in the future. If the transfer rule is disable, the value is a past date.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TimeExpires
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TimeExpires." If "tbl_TransferOption.TimeExpires" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TransferAnnounce

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection plays "transferring call" when the subscriber answers the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferAnnounce
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferAnnounce." If "tbl_TransferOption.TransferAnnounce" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferConfirm

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection prompts the subscriber to accept or refuse a call ("Press 1 to take the call or 2 and I'll take a message"). If the call is accepted, it is transferred to the subscriber phone. If the call is refused, Cisco Unity Connection plays the applicable subscriber greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferConfirm
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferConfirm." If "tbl_TransferOption.TransferConfirm" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferDtDetect

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will check for dialtone before attempting to transfer the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferDtDetect
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferDtDetect." If "tbl_TransferOption.TransferDtDetect" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferHoldingMode

Property Name	Value
Description:	The action Cisco Unity Connection will take when the extension is busy.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferHoldingMode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	CallHandlerHoldMode
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferHoldingMode." If "tbl_TransferOption.TransferHoldingMode" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferIntroduce

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will say "call for <recorded name of the call handler>" when the subscriber answers the phone.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferIntroduce
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferIntroduce." If "tbl_TransferOption.TransferIntroduce" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferOptionType

Property Name	Value
Description:	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferOptionType
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TransferRuleName
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferOptionType." If "tbl_TransferOption.TransferOptionType" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TransferRings

Property Name	Value
Description:	The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferRings
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferRings." If "tbl_TransferOption.TransferRings" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	4
Direction:	In
Update Column Value From Parameter:	True

@TransferScreening

Property Name	Value
Description:	A flag indicating whether Cisco Unity Connection will prompt callers to say their names. When the phone is answered, the subscriber hears "Call from..." before Cisco Unity Connection transfers the call.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferScreening
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferScreening." If "tbl_TransferOption.TransferScreening" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@TransferType

Property Name	Value
Description:	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_TransferOption.TransferType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	TransferType
Null Handling:	Inherit - inherit parameter value from "tbl_TransferOption.TransferType." If "tbl_TransferOption.TransferType" can be NULL, then explicit NULL is allowed.
Default Value:	0

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@UsePrimaryExtension

Property Name	Value
Description:	Set to 1 (true) to indicate to inherit the subscriber or call handlers extension.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.322. csp_UserCreate

Creates a new User account from a user template by inserting a new row into tbl_User.

Additional Information

The parameter @Alias must be provided.

A User must be created from a template.

In addition to creating a new User object in tbl_User, this procedure also creates several User related objects:

- * An Alias object is created in the tbl_Alias table by calling csp_AliasCreate.
- * Based on the template used to create the user, a new Credential object is created for this user by inserting a new row into tbl_Credential.
- * The default credentials are added to the credential history by calling csp_private_UserCredentialHistoryCreate, which inserts a row into tbl_UserCredentialHistory.
- * The User is added as a member (new row inserted into tbl_DistributionListMember) to the DistributionList associated with the template.
- * Based on the template used to create the user, a new Policy is created for this user by inserting a new row into tbl_Policy.
- * A mailbox can also be created and assigned to the newly created user account by specifying a valid @MailboxStoreObjectId parameter. If the parameter includes a valid MailboxStoreObjectId, the ID of the mailbox (either newly created or associated if @MailboxId contains an ID for an existing mailbox) is returned in @MailboxId.
- * If the parameter @LocationObjectId contains NULL, the LocationObjectId column is set to the default location. Otherwise the LocationObjectId is set to the value contained in @LocationObjectId.
- * If the parameter @VoiceName contains a value other than NULL, a StreamFile object is created with the value of tbl_StreamFile.FileName = @VoiceName. If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@Address	In	inherit	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Optional	@AltFirstName	In	inherit	nvarchar (64 characters)	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AltLastName	In	inherit	nvarchar (64 characters)	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BillingId	In	inherit	nvarchar (32 characters)	Accounting information or project code associated with this user.
Optional	@Building	In	inherit	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).
Optional	@CcmId	In	inherit	nvarchar (128 characters)	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Optional	@CcmIdType	In	inherit	int (4 bytes)	Type of CCM user/object this id refers to (end user, application user, or directory number)
Optional	@City	In	inherit	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Optional	@CosObjectId	In	inherit	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Optional	@Country	In	inherit	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Optional	@Department	In	inherit	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@EmailAddress	In	inherit	lvarchar (320 characters)	The primary email address of the user. Not used for incoming mail delivery - informational only.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@EmployeeId	In	inherit	nvarchar (64 characters)	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Optional	@EnhancedSecurityAliases	In	inherit	nvarchar (50 characters)	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Optional	@Initials	In	inherit	nvarchar (12 characters)	The initial letters of some or all of the names of this user.
Optional	@Language	In	inherit	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this user belongs.
Optional	@MailboxDn	In	inherit	lvarchar (392 characters)	The distinguished name of the mailbox.
Optional	@MailboxId	Out	inherit	nvarchar (110 characters)	If @MailboxStoreObjectId is specified, the ID of the new mailbox is returned in this parameter.
Optional	@MailboxStoreObjectId	In	inherit	char (36 characters)	Specify this value to have a mailbox created and assigned to this user account.
Optional	@MailName	In	ignore	varchar (64 characters)	Name used to construct local-part of an Alias's SmtpAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtpAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Optional	@Manager	In	inherit	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@NoLicenseCheck	In	explicit-withdefault	smallint (2 bytes)	Disables license checking in this procedure. Set to 1 to prevent license checks from being performed in this procedure.
Optional	@ObjectId	Out	inherit	char (36 characters)	The unique identifier (ObjectId) of the newly created user.
Optional	@PabLastImported	In	inherit	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Optional	@PostalCode	In	inherit	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.
Optional	@RouteNDRToSender	In	inherit	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Optional	@State	In	inherit	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.
Optional	@TemplateAlias	In	ignore	nvarchar (64 characters)	
Optional	@TemplateObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for this UserTemplate object.
Optional	@TimeZone	In	inherit	int (4 bytes)	The time zone to which this user account is associated.
Optional	@Title	In	inherit	nvarchar (64 characters)	The position or function of a user within an organization, such as 'Vice President.'
Optional	@Undeleteable	In	inherit	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit language from location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit timezone from location.
Optional	@VoiceName	In	ignore	varchar (40 characters)	Voice filename for this user.

Exceptions

csp_UserCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Alias is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are four conditions that can cause an Object Not Found exception to be thrown: 1. The specified Location object was not found. The names of the object (Location), table (tbl_Location), and column (ObjectId) are included with the exception message. 2. A Default Location was not found. The names of the object (Default location), table (tbl_LocationVMS), and column (IsPrimary) are included with the exception message. (This check is made only when @LocationObjectId is passed in with a value of NULL.) 3. The specified MailboxStore object was not found. The names of the object (Mailbox store), view (vw_MailboxStoreMap), and column (ObjectId) are included with the exception message. 4. The specified Mailbox object was not found. The names of the object (Mailbox/Mailbox store), table (tbl_MailboxMap), and columns (MailboxId, MailboxStoreObjectId) are included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid user template object as specified by @TemplateObjectId was not found. The names of the object (template), parameter (@TemplateObjectId), table (tbl_User), and column (ObjecId) are included with the exception message.

Parameter Properties

@Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Address
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.Address." If "tbl_User.Address" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AltFirstName

Property Name	Value
Description:	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.AltFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_User.AltFirstName." If "tbl_User.AltFirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@AltLastName

Property Name	Value
Description:	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.AltLastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_User.AltLastName." If "tbl_User.AltLastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.BillingId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.BillingId." If "tbl_User.BillingId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_User.Building
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Building." If "tbl_User.Building" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmId

Property Name	Value
Description:	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CcmId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.CcmId." If "tbl_User.CcmId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmIdType

Property Name	Value
Description:	Type of CCM user/object this id refers to (end user, application user, or directory number)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CcmIdType
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CcmIdType
Null Handling:	Inherit - inherit parameter value from "tbl_User.CcmIdType." If "tbl_User.CcmIdType" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.City
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.City." If "tbl_User.City" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CosObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.CosObjectId." If "tbl_User.CosObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Country
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Country." If "tbl_User.Country" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Department
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Department." If "tbl_User.Department" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DirectoryId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_User.DirectoryId." If "tbl_User.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Inherit - inherit parameter value from "tbl_User.DisplayName." If "tbl_User.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EmailAddress

Property Name	Value
Description:	The primary email address of the user. Not used for incoming mail delivery - informational only.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EmailAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	EmailAddress
Null Handling:	Inherit - inherit parameter value from "tbl_User.EmailAddress." If "tbl_User.EmailAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EmployeeId

Property Name	Value
Description:	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EmployeeId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.EmployeeId." If "tbl_User.EmployeeId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EnhancedSecurityAlias

Property Name	Value
Description:	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EnhancedSecurityAlias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (50 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.EnhancedSecurityAlias." If "tbl_User.EnhancedSecurityAlias" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.FirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_User.FirstName." If "tbl_User.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Initials

Property Name	Value
Description:	The initial letters of some or all of the names of this user.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_User.Initials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Initials." If "tbl_User.Initials" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_User.Language." If "tbl_User.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.LastName

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_User.LastName." If "tbl_User.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this user belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_User.LocationObjectId." If "tbl_User.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.MailboxDn
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (392 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.MailboxDn." If "tbl_User.MailboxDn" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailboxId

Property Name	Value
Description:	If @MailboxStoreObjectId is specified, the ID of the new mailbox is returned in this parameter.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (110 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxId." If "tbl_MailboxMap.MailboxId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@MailboxStoreObjectId

Property Name	Value
Description:	Specify this value to have a mailbox created and assigned to this user account.
Notes:	This will cause a cross-database call to be made to the UnityMbx database to create a mailbox and assign it to this user account.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_MailboxMap.MailboxStoreObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_MailboxMap.MailboxStoreObjectId." If "tbl_MailboxMap.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@MailName

Property Name	Value
Description:	Name used to construct local-part of an Alias's SmtAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Notes:	<p>The syntax specification defined by the Messaging Team, references RFC 2282 (Internet Message Format).</p> <p>Syntax specification: Email Address= Local-Part '@' Domain Name where</p> <p>Local-Part (Max size : 64)</p> <ul style="list-style-type: none"> * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character '.' is allowed but it cannot be the first or last character in the local-part.
Business Rules:	
Developer Notes:	This is varchar(64) to match size of Alias (nvarchar(64))
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	MailName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_User.Manager
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Manager." If "tbl_User.Manager" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@NoLicenseCheck

Property Name	Value
Description:	Disables license checking in this procedure. Set to 1 to prevent license checks from being performed in this procedure.
Notes:	The default is 0 so that license check do occur - this is normally the desired behavior, since otherwise license violations will be caught later. The license checks in this procedure are "soft checks", designed to alert administrators but not to be relied upon for enforcement. It may be desirable at times to override the checks, such as when licenses are going to be purchased in the very near future but the subscriber additions need to be made immediately.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Explicit NULL with default - an explicit NULL is allowed, and if not specified use the default value of "0."
Default Value:	0
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The unique identifier (ObjectId) of the newly created user.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PabLastImported
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PabLastImported." If "tbl_User.PabLastImported" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PostalCode

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PostalCode." If "tbl_User.PostalCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.ReadOnly." If "tbl_User.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.RouteNDRToSender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.RouteNDRToSender." If "tbl_User.RouteNDRToSender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.State
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.State." If "tbl_User.State" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TemplateAlias

Property Name	Value
Description:	
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In

Property Name	Value
Update Column Value From Parameter:	False

@TemplateObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for this UserTemplate object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ObjectId." If "tbl_UserTemplate.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.TimeZone." If "tbl_User.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Title

Property Name	Value
Description:	The position or function of a user within an organization, such as 'Vice President.'
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Title
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Title." If "tbl_User.Title" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.Undeletable." If "tbl_User.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the user inherit language from location.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the user inherit timezone from location.
Notes:	See vw_User.UseDefaultTimeZone for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@VoiceName

Property Name	Value
Description:	Voice filename for this user.
Notes:	If this value is specified, it must be a filename that was allocated using csp_AllocateVoiceFile. If not specified, a filename will be generated.
Business Rules:	
Developer Notes:	See csp_AllocateVoiceFile for more information.
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.323. csp_UserDelete

Deletes a User object from tbl_User as specified by the @ObjectId parameter.

Additional Information

This stored procedure can be used to delete a subscriber or any other kind of user.

An optional parameter is the @ReplacementUser. If passed in, any references to this user will be replaced by this user.

This procedure checks to ensure that a user is not attempting to delete themselves. If the user being deleted has administrative privileges, this procedure checks to ensure that the current user has the privilege to delete a user with administrative privileges.

A check is made on the undeletable attribute. If it is set, the procedure will not allow the deletion of the user.

In addition to deleting the specified User object from tbl_User, this procedure also removes several other objects related to a user:

- * The associated Alias row in tbl_Alias is deleted.
- * The user's credentials are deleted from tbl_Credential.
- * The user's membership in distribution lists is removed by deleting the associated rows from tbl_DistributionListMember.
- * If the user is also a subscriber, the subscriber related properties are also removed: subscriber's primary call handler (and its related sub-objects such as Greetings) and DtmfAccessId are deleted, any PersonalRuleCaller objects associated with the subscriber are deleted, and membership in any personal groups (tbl_PersonalGroupMember) is removed.
- * If the user has a mailbox or is mapped to a mailbox, the mapping and the mailbox are deleted.
- * If the user owns any personal rule sets, personal destination groups or personal destinations, they are deleted.
- * If the user has a recorded voice name, the associated row in tbl_StreamFile is deleted.
- * If the user is a subscriber, the associated row in tbl_UserSubscriber is deleted.

Business Rules

At least one active user account must be assigned the role of a VMS Administrator (K1 requirement). At least one active user account must be assigned the role of a Unity Organization Administrator (K2 requirement).

Before deleting a user account, a check must be made to insure that at least one active user account remains that is assigned the role and privileges of a VMS Administrator and at least one account remains that is assigned the role and privileges of a Unity Organization Administrator. If the user account that is targeted for deletion is the sole user account associated with the role of a VMS Administrator or Unity Organization Administrator, the user account must not be deleted until another active user account is assigned the particular administrative role. An 'active account' is an account that is not locked and fully operational.

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The unique identifier of the User to delete.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@ReplacementUserObjectId	In	ignore	char (36 characters)	Any references to user being deleted will be replaced with this user.

Exceptions

csp_UserDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid User as specified by @ObjectId was not found. The names of the object (user), parameter (@ObjectId), table (tbl_User), and column (ObjectId) are included with the exception message.
1016	EXCEPTION_OBJECT_UNDELETABLE	The User specified by @ObjectId cannot be deleted because it's Undeletable attribute is set. The names of the object (user) and table (tbl_User), are included with the exception message.
1309	EXCEPTION_USER_CANNOT_DELETE_SELF	Users cannot be deleted by themselves.
1312	EXCEPTION_USER_IS_ONLY_SYSADMIN	The user cannot be deleted because there are no other users assigned to the System Administrator role.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The unique identifier of the User to delete.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ReplacementUserId

Property Name	Value
Description:	Any references to user being deleted will be replaced with this user.
Notes:	This is an optional parameter. By default, no replacements will be made and the delete will fail if there are any references.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.324. csp_UserModify

Updates the attributes of a User account based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User that is updated.

Additional Information

This procedure can be used to modify basic User attributes of any kind of user, including Subscribers. It can also be used to add a mailbox to a user or add a recorded voice name.

A check is made of the read-only flag. If it is set, the specified user cannot be updated.

If a new COS is specified, a check will be made to determine if any new features are being added, and if so, ensure that sufficient number of licenses exist.

DTMF names are not regenerated (for performance reasons) unless specified.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The unique identifier of the user to modify.
Optional	@Address	In	inherit	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Optional	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@AltFirstName	In	inherit	nvarchar (64 characters)	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AltLastName	In	inherit	nvarchar (64 characters)	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BillingId	In	inherit	nvarchar (32 characters)	Accounting information or project code associated with this user.
Optional	@Building	In	inherit	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).
Optional	@CcmId	In	inherit	nvarchar (128 characters)	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Optional	@CcmIdType	In	inherit	int (4 bytes)	Type of CCM user/object this id refers to (end user, application user, or directory number)
Optional	@City	In	inherit	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Optional	@CosObjectId	In	inherit	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Optional	@Country	In	inherit	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Optional	@Department	In	inherit	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).
Optional	@DisplayName	In	ignore	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@EmailAddress	In	inherit	lvarchar (320 characters)	The primary email address of the user. Not used for incoming mail delivery - informational only.
Optional	@EmployeeId	In	inherit	nvarchar (64 characters)	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Optional	@EnhancedSecurityAliases	In	inherit	nvarchar (50 characters)	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of this user. Not their surname nor middle name.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Initials	In	inherit	nvarchar (12 characters)	The initial letters of some or all of the names of this user.
Optional	@Language	In	inherit	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Optional	@MailboxDn	In	inherit	lvarchar (392 characters)	The distinguished name of the mailbox.
Optional	@MailName	In	ignore	varchar (64 characters)	Name used to construct local-part of an Alias's SmtetAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtetAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Optional	@Manager	In	inherit	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.
Optional	@NoLicenseCheck	In	explicit	smallint (2 bytes)	Set to 1 to prevent license checking
Optional	@PabLastImported	In	inherit	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Optional	@PostalCode	In	inherit	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.
Optional	@RouteNDRToSender	In	inherit	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Optional	@State	In	inherit	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.
Optional	@TimeZone	In	inherit	int (4 bytes)	The time zone to which this user account is associated.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Title	In	inherit	nvarchar (64 characters)	The position or function of a user within an organization, such as 'Vice President.'
Optional	@Undeetable	In	inherit	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit language from location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit timezone from location.
Optional	@VoiceName	In	explicit	varchar (40 characters)	New voice file to use for this user.

Exceptions

csp_UserModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified MailboxStore object was not found. The names of the object (Mailbox store), view (vw_MailboxStoreMap), and column (ObjectId) are included with the exception message. 2. The specified Mailbox object was not found. The names of the object (Mailbox/Mailbox store), table (tbl_MailboxMap), and columns (MailboxId, MailboxStoreObjectId) are included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid User as specified by @ObjectId was not found. The names of the object (user), parameter (@ObjectId), table (tbl_User), and column (ObjectId) are included with the exception message.
1015	EXCEPTION_OBJECT_READONLY	The User specified by @ObjectId cannot be updated because it's read-only attribute is set. The name of the object (user) and table (tbl_User) are included with the message.

Parameter Properties

@Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Address
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Address." If "tbl_User.Address" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AltFirstName

Property Name	Value
Description:	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.AltFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_User.AltFirstName." If "tbl_User.AltFirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AltLastName

Property Name	Value
Description:	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.AltLastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_User.AltLastName." If "tbl_User.AltLastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.

Property Name	Value
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.BillingId

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.BillingId." If "tbl_User.BillingId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Building
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Building." If "tbl_User.Building" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmId

Property Name	Value
Description:	Id of associated EndUser, ApplicationUser, or DirectoryNumber in Call Manager
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CcmId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.CcmId." If "tbl_User.CcmId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CcmldType

Property Name	Value
Description:	Type of CCM user/object this id refers to (end user, application user, or directory number)
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CcmldType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	CcmldType
Null Handling:	Inherit - inherit parameter value from "tbl_User.CcmldType." If "tbl_User.CcmldType" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.City
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.City." If "tbl_User.City" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CosObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.CosObjectId." If "tbl_User.CosObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Country
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Country." If "tbl_User.Country" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Department
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Department." If "tbl_User.Department" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DirectoryId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_User.DirectoryId." If "tbl_User.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@EmailAddress

Property Name	Value
Description:	The primary email address of the user. Not used for incoming mail delivery - informational only.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EmailAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (320 characters)
Custom Type:	EmailAddress
Null Handling:	Inherit - inherit parameter value from "tbl_User.EmailAddress." If "tbl_User.EmailAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EmployeeId

Property Name	Value
Description:	The numeric or alphanumeric identifier assigned to a person, typically based on order of hire or association with an organization.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_User.EmployeeId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.EmployeeId." If "tbl_User.EmployeeId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@EnhancedSecurityAlias

Property Name	Value
Description:	The unique text name used to identify and authenticate the user with an RSA SecurID security system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.EnhancedSecurityAlias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (50 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.EnhancedSecurityAlias." If "tbl_User.EnhancedSecurityAlias" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.FirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_User.FirstName." If "tbl_User.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Initials

Property Name	Value
Description:	The initial letters of some or all of the names of this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Initials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Initials." If "tbl_User.Initials" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_User.Language." If "tbl_User.Language" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.LastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_User.LastName." If "tbl_User.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.MailboxDn
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (392 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.MailboxDn." If "tbl_User.MailboxDn" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailName

Property Name	Value
Description:	Name used to construct local-part of an Alias's SmtAddress (the part of the address before the @ sign) instead of using the typical method of constructing the local-part of the SmtAddress from the Alias parameter. This is generally used when the Alias contains non-ASCII characters, for example an Alias in Japanese, which cannot be converted into a valid SMTP address.
Notes:	<p>The syntax specification defined by the Messaging Team, references RFC 2282 (Internet Message Format).</p> <p>Syntax specification: Email Address= Local-Part '@' Domain Name where</p> <p>Local-Part (Max size : 64)</p> <ul style="list-style-type: none"> * Uppercase and lowercase letters * The digits 0 through 9 * The characters ! # \$ % & ' * + - / = ? ^ _ ` { } ~ * The character '.' is allowed but it cannot be the first or last character in the local-part.
Business Rules:	
Developer Notes:	This is varchar(64) to match size of Alias (nvarchar(64))
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	MailName
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Manager
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Manager." If "tbl_User.Manager" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@NoLicenseCheck

Property Name	Value
Description:	Set to 1 to prevent license checking
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@ObjectId

Property Name	Value
Description:	The unique identifier of the user to modify.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PabLastImported
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PabLastImported." If "tbl_User.PabLastImported" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PostalCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PostalCode." If "tbl_User.PostalCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.ReadOnly." If "tbl_User.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@RouteNDRTToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.RouteNDRTToSender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.RouteNDRTToSender." If "tbl_User.RouteNDRTToSender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_User.State
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.State." If "tbl_User.State" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.TimeZone." If "tbl_User.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Title

Property Name	Value
Description:	The position or function of a user within an organization, such as 'Vice President.'
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Title
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Title." If "tbl_User.Title" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.Undeletable." If "tbl_User.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the user inherit language from location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the user inherit timezone from location.
Notes:	See vw_User.UseDefaultTimeZone for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@VoiceName

Property Name	Value
Description:	New voice file to use for this user.
Notes:	A new voice name can be requested using csp_AllocateVoiceFile. After recording is complete, passing it in here will accept the new voice file.
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Explicit NULL - a value of NULL in the parameter is treated as it is intentional.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.325. csp_UserModifyName

Updates a subset of the attributes (name attributes only) of a User object based on the values passed in via the parameters. The @ObjectId parameter identifies the User object that is updated.

This offers a subset of the UserModify procedure whereby only the name elements of a user may be modified. It is restricted in scope so it may be assigned to a finer-grained privilege that allows only name updates on users.

Additional Information

This procedure executes csp_UserModify, which performs the actual update of the specified row in tbl_User. It also updates the recorded voice name (stream file), if the @VoiceName parameter is provided.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a User object.
Optional	@AltFirstName	In	inherit	nvarchar (64 characters)	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AltLastName	In	inherit	nvarchar (64 characters)	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@FirstName	In	inherit	nvarchar (64 characters)	The first name (i.e., givenName) of this user. Not their surname nor middle name.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Initials	In	inherit	nvarchar (12 characters)	The initial letters of some or all of the names of this user.
Optional	@LastName	In	inherit	nvarchar (64 characters)	The last name (i.e., surname or family name) of this user, by which a user is commonly known.
Optional	@VoiceName	In	inherit	varchar (40 characters)	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.

Exceptions

csp_UserModifyName will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A User object matching the value of @ObjectId and IsTemplate = false was not found. The names of the object (user), parameter (@ObjectId), table (tbl_User), and column (ObjectId) are included with the exception message.
1015	EXCEPTION_OBJECT_READONLY	The User specified by @ObjectId cannot be updated because it's read-only attribute is set. The name of the object (user) and table (tbl_User) are included with the message.

Parameter Properties

@AltFirstName

Property Name	Value
Description:	The alternate spelling of a user first name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.AltFirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.AltFirstName." If "tbl_User.AltFirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AltLastName

Property Name	Value
Description:	The alternate spelling of a user last name in an internationally recognizable format (i.e., ASCII only characters) used for TUI client name lookup and message addressing, and for VUI client name lookup.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.AltLastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AltName
Null Handling:	Inherit - inherit parameter value from "tbl_User.AltLastName." If "tbl_User.AltLastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Inherit - inherit parameter value from "tbl_User.DisplayName." If "tbl_User.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@FirstName

Property Name	Value
Description:	The first name (i.e., givenName) of this user. Not their surname nor middle name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.FirstName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_User.FirstName." If "tbl_User.FirstName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Initials

Property Name	Value
Description:	The initial letters of some or all of the names of this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Initials
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (12 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Initials." If "tbl_User.Initials" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LastName

Property Name	Value
Description:	The last name (i.e., surname or family name) of this user, by which a user is commonly known.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.LastName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Name
Null Handling:	Inherit - inherit parameter value from "tbl_User.LastName." If "tbl_User.LastName" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a User object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_User.ObjectId." If "tbl_User.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@VoiceName

Property Name	Value
Description:	The name of the WAV file containing the recorded audio (voice name, greeting, etc.) for the parent object.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_StreamFile.FileName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	FileNameGuid
Null Handling:	Inherit - inherit parameter value from "tbl_StreamFile.FileName." If "tbl_StreamFile.FileName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

6.326. csp_UserTemplateCreate

Creates a new User template by inserting a new row into tbl_User and tbl_UserTemplate.

Additional Information

The parameter @Alias must be provided.

A user template may be created from another user template.

In addition to creating a new User object in tbl_User, this procedure also creates a few user template related objects:

- * An Alias object is created in the tbl_Alias table by calling csp_AliasCreate.
- * Two new Credential objects are created for this template by inserting two new rows into tbl_Credential. The credentials are random password and PIN using the MinLength setting from the CredentialPolicy.
- * A policy is created for the template by inserting a new row into tbl_Policy.
- * The user template is added as a member (new row inserted into tbl_DistributionListMember) to the DistributionList associated with the template.
- * If the parameter @LocationObjectId contains NULL, the LocationObjectId column is set to the default location. Otherwise the LocationObjectId is set to the value contained in @LocationObjectId.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@Address	In	inherit	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BillingId	In	inherit	nvarchar (32 characters)	Accounting information or project code associated with this user.
Optional	@Building	In	inherit	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).
Optional	@CantChange	In	inherit	smallint (2 bytes)	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).
Optional	@City	In	inherit	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@CosObjectId	In	inherit	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Optional	@Country	In	inherit	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Optional	@Department	In	inherit	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DisplayNameRule	In	inherit	smallint (2 bytes)	The format for generating the user display name.
Optional	@DoesntExpire	In	inherit	smallint (2 bytes)	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).
Optional	@Language	In	inherit	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Optional	@LocationObjectId	In	inherit	char (36 characters)	The unique identifier of the LocationVMS object to which this user belongs.
Optional	@MailboxDn	In	inherit	lvarchar (392 characters)	The distinguished name of the mailbox.
Optional	@MailboxStoreObjectId	In	inherit	char (36 characters)	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.
Optional	@MailName	In	ignore	varchar (64 characters)	Name used to construct SMTP address (the part of the address before the @ sign).
Optional	@Manager	In	inherit	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@MessageAgingPolicy ObjectId	In	inherit	char (36 characters)	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Optional	@NotificationType	In	inherit	smallint (2 bytes)	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Optional	@ObjectId	Out	inherit	char (36 characters)	ID of the new template
Optional	@PabLastImported	In	inherit	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Optional	@PostalCode	In	inherit	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.
Optional	@ReceiveQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) receive limit.
Optional	@RouteNDRToSender	In	inherit	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Optional	@SendQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) send limit.
Optional	@SendReadReceipts	In	inherit	smallint (2 bytes)	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Optional	@State	In	inherit	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.
Optional	@TemplateAlias	In	ignore	nvarchar (64 characters)	The alias of an existing user template (typically one of the default user templates supplied with the system) on which the creation of this new template shall be based.
Optional	@TemplateObjectId	In	ignore	char (36 characters)	The unique identifier of an existing user template (typically one of the default user templates supplied with the system) on which the creation of this new template shall be based.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@TimeZone	In	inherit	int (4 bytes)	The time zone to which this user account is associated.
Optional	@Undeletable	In	inherit	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Indicates whether the user will inherit language from the Location to which it belongs. Set this to 1 to have the user inherit language from their Location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Indicates whether the user will inherit the timezone of the Location from which they belong. Set this to 1 to have the user inherit timezone from their location.
Optional	@WarningQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) warning limit.

Exceptions

csp_UserTemplateCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @Alias is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The specified Location object was not found. The names of the object (Location), table (tbl_Location), and column (ObjectId) are included with the exception message. 2. A Default Location was not found. The names of the object (Default location), table (tbl_LocationVMS), and column (IsPrimary) are included with the exception message. (This check is made only when @LocationObjectId is passed in with a value of NULL.)
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid user template object as specified by @TemplateObjectId was not found. The names of the object (template), parameter (@TemplateObjectId), table (tbl_User), and column (ObjectId) are included with the exception message.
1144	EXCEPTION_QUOTA_PARAMETER_CONSTRAINT_VIOLATION	The specified warning, send, or receive quota value is invalid. The warning value must be less than or equal to the send value. The send value must be less than or equal to the receive value.

Error #	Name	Description
1145	EXCEPTION_QUOTA_PARAMETER_INVALID	The specified warning, send, or receive quota value is invalid. Quota values must be greater than -1.

Parameter Properties

@Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Address
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Address." If "tbl_User.Address" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	False

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.BillingId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.BillingId." If "tbl_User.BillingId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Building
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Building." If "tbl_User.Building" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CantChange

Property Name	Value
Description:	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.CantChange
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.CantChange." If "tbl_UserTemplate.CantChange" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.City
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.City." If "tbl_User.City" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_User.CosObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_User.CosObjectId." If "tbl_User.CosObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Country
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Country." If "tbl_User.Country" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Department

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Department." If "tbl_User.Department" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DirectoryId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_User.DirectoryId." If "tbl_User.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.DisplayName." If "tbl_User.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayNameRule

Property Name	Value
Description:	The format for generating the user display name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.DisplayNameRule
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	DisplayNameRule
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.DisplayNameRule." If "tbl_UserTemplate.DisplayNameRule" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DoesntExpire

Property Name	Value
Description:	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.DoesntExpire
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.DoesntExpire." If "tbl_UserTemplate.DoesntExpire" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_User.Language." If "tbl_User.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@LocationObjectId

Property Name	Value
Description:	The unique identifier of the LocationVMS object to which this user belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.LocationObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.LocationObjectId." If "tbl_User.LocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.MailboxDn
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (392 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.MailboxDn." If "tbl_User.MailboxDn" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.MailboxStoreObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.MailboxStoreObjectId." If "tbl_UserTemplate.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailName

Property Name	Value
Description:	Name used to construct SMTP address (the part of the address before the @ sign).
Notes:	This is optional, and is only needed for Unicode Alias that cannot be converted into a valid SMTP address.
Business Rules:	
Developer Notes:	This is varchar(64) to match size of Alias (nvarchar(64))
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Manager
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Manager." If "tbl_User.Manager" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MessageAgingPolicyObjectId

Property Name	Value
Description:	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.MessageAgingPolicyObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectId
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.MessageAgingPolicyObjectId." If "tbl_UserTemplate.MessageAgingPolicyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NotificationType

Property Name	Value
Description:	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.NotificationType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NotificationType
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.NotificationType." If "tbl_UserTemplate.NotificationType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	ID of the new template
Notes:	Generated internally
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ObjectId." If "tbl_UserTemplate.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PabLastImported
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PabLastImported." If "tbl_User.PabLastImported" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PostalCode

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PostalCode." If "tbl_User.PostalCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.ReadOnly." If "tbl_User.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ReceiveQuota

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ReceiveQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ReceiveQuota." If "tbl_UserTemplate.ReceiveQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	True

@RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.RouteNDRToSender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.RouteNDRToSender." If "tbl_User.RouteNDRToSender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendQuota

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.SendQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.SendQuota." If "tbl_UserTemplate.SendQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@SendReadReceipts

Property Name	Value
Description:	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.SendReadReceipts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.SendReadReceipts." If "tbl_UserTemplate.SendReadReceipts" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.State
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.State." If "tbl_User.State" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TemplateAlias

Property Name	Value
Description:	The alias of an existing user template (typically one of the default user templates supplied with the system) on which the creation of this new template shall be based.
Notes:	The alias is recognizable in the native language and character set of the system, e.g. Kanji characters for Japanese. This allows users to use their native language and character set for display and GUI client name lookup purposes.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TemplateObjectId

Property Name	Value
Description:	The unique identifier of an existing user template (typically one of the default user templates supplied with the system) on which the creation of this new template shall be based.
Notes:	An ObjectId is generated using newid().
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.TimeZone." If "tbl_User.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.Undeletable." If "tbl_User.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Indicates whether the use will inherit language from the Location to which it belongs. Set this to 1 to have the user inherit language from their Location.
Notes:	See vw_User.UseDefaultLanguage for more information.

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Indicates whether the user will inherit the timezone of the Location from which they belong. Set this to 1 to have the user inherit timezone from their location.
Notes:	See vw_User.UseDefaultTimeZone for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@WarningQuota

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.WarningQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)

Property Name	Value
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.WarningQuota." If "tbl_UserTemplate.WarningQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	True

6.327. csp_UserTemplateDelete

Deletes a User template from tbl_User and tbl_UserTemplate as specified by the @ObjectId parameter.

Additional Information

This procedure can also be used to delete Subscriber templates.

In addition to deleting the specified User object from tbl_User and tbl_UserTemplate, this procedure also removes several other objects related to a user or subscriber template:

- * The Alias associated with this template is removed from tbl_Alias.
- * The credentials associated with this template are deleted from tbl_Credential.
- * The Policy associated with this template is deleted from tbl_Policy.
- * If this template is a Subscriber template, the subscriber portion of the template is removed from tbl_UserSubscriber.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The unique identifier of the user template to delete.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_UserTemplateDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid user template object was not found. The names of the object (template), parameter (@TemplateObjectId), table (tbl_User), and column (ObjectId) are included with the exception message.
1047	EXCEPTION_CONFIGURATION_SETTING_NULL_REQUIRED	A system configuration setting was not found. The name of the setting is included in the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The unique identifier of the user template to delete.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ObjectId." If "tbl_UserTemplate.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.328. csp_UserTemplateModify

Updates the attributes of a User template based on the values passed in via the parameters. The @ObjectId identifies the User object in tbl_User and tbl_UserTemplate that is updated.

Additional Information

This procedure can be used to modify the UserTemplate attributes of any kind of User Template, including Subscriber Templates.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The unique identifier of the user template to update.
Optional	@Address	In	inherit	nvarchar (128 characters)	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Optional	@Alias	In	inherit	nvarchar (64 characters)	The unique text name for either a user, distribution list, or personal group.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@BillingId	In	inherit	nvarchar (32 characters)	Accounting information or project code associated with this user.
Optional	@Building	In	inherit	nvarchar (64 characters)	The name of the building where the user is based (e.g., SJ-21).
Optional	@CantChange	In	inherit	smallint (2 bytes)	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).
Optional	@City	In	inherit	nvarchar (64 characters)	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Optional	@CosObjectId	In	inherit	char (36 characters)	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Optional	@Country	In	inherit	nvarchar (2 characters)	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@Department	In	inherit	nvarchar (64 characters)	The name or number for the department or subdivision of an organization to which a person belongs.
Optional	@DirectoryId	In	inherit	lvarchar (2048 characters)	The identifier of a user in a corporate directory (such as Active Directory).
Optional	@DisplayName	In	inherit	nvarchar (64 characters)	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.
Optional	@DisplayNameRule	In	inherit	smallint (2 bytes)	The format for generating the user display name.
Optional	@DoesntExpire	In	inherit	smallint (2 bytes)	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).
Optional	@Language	In	inherit	int (4 bytes)	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Optional	@MailboxDn	In	inherit	lvarchar (392 characters)	The distinguished name of the mailbox.
Optional	@MailboxStoreObjectId	In	inherit	char (36 characters)	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.
Optional	@MailName	In	ignore	varchar (64 characters)	Name used to construct SMTP address (the part of the address before the @ sign).
Optional	@Manager	In	inherit	nvarchar (64 characters)	The name of the person who is the manager or supervisor of the user.
Optional	@MessageAgingPolicy ObjectId	In	inherit	char (36 characters)	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Optional	@NotificationType	In	inherit	smallint (2 bytes)	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Optional	@PabLastImported	In	inherit	datetime (8 bytes)	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Optional	@PostalCode	In	inherit	nvarchar (40 characters)	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Optional	@ReadOnly	In	inherit	smallint (2 bytes)	If set to 1 (true) user is read-only and cannot be modified.
Optional	@ReceiveQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) receive limit.
Optional	@RouteNDRToSender	In	inherit	smallint (2 bytes)	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Optional	@SendQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) send limit.
Optional	@SendReadReceipts	In	inherit	smallint (2 bytes)	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Optional	@State	In	inherit	nvarchar (64 characters)	The full name of the state or province where this user is located, or with which a user is associated.
Optional	@TimeZone	In	inherit	int (4 bytes)	The time zone to which this user account is associated.
Optional	@Undeletable	In	inherit	smallint (2 bytes)	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Optional	@UseDefaultLanguage	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit language from location.
Optional	@UseDefaultTimeZone	In	ignore	smallint (2 bytes)	Set this to 1 to have the user inherit timezone from location.
Optional	@WarningQuota	In	inherit	int (4 bytes)	The mailbox size (in bytes) warning limit.

Exceptions

csp_UserTemplateModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1005	EXCEPTION_OBJECT_NOTFOUND_NOTTYPE	A valid user template object was not found. The names of the object (template), parameter (@TemplateObjectId), table (tbl_User), and column (ObjectId) are included with the exception message.
1144	EXCEPTION_QUOTA_PARAMETER_CONSTRAINT_VIOLATION	The specified warning, send, or receive quota value is invalid. The warning value must be less than or equal to the send value. The send value must be less than or equal to the receive value.
1145	EXCEPTION_QUOTA_PARAMETER_INVALID	The specified warning, send, or receive quota value is invalid. Quota values must be greater than -1.

Parameter Properties

@Address

Property Name	Value
Description:	The physical address such as a house number and street name where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Address
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (128 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Address." If "tbl_User.Address" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Alias

Property Name	Value
Description:	The unique text name for either a user, distribution list, or personal group.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Alias.Alias
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	Alias
Null Handling:	Inherit - inherit parameter value from "tbl_Alias.Alias." If "tbl_Alias.Alias" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@BillingId

Property Name	Value
Description:	Accounting information or project code associated with this user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.BillingId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (32 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.BillingId." If "tbl_User.BillingId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Building

Property Name	Value
Description:	The name of the building where the user is based (e.g., SJ-21).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Building
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_User.Building." If "tbl_User.Building" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@CantChange

Property Name	Value
Description:	A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.CantChange
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.CantChange." If "tbl_UserTemplate.CantChange" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@City

Property Name	Value
Description:	The name of a locality, such as a city, county or other geographic region where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.City
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.City." If "tbl_User.City" can be NULL, then explicit NULL is allowed.
Default Value:	NULL

Property Name	Value
Direction:	In
Update Column Value From Parameter:	True

@CosObjectId

Property Name	Value
Description:	The unique identifier of the COS (Class of Service) object to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.CosObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_User.CosObjectId." If "tbl_User.CosObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Country

Property Name	Value
Description:	The two-letter ISO 3166-1 country code where the user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Country
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (2 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Country." If "tbl_User.Country" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Department

Property Name	Value
Description:	The name or number for the department or subdivision of an organization to which a person belongs.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Department
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Department." If "tbl_User.Department" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DirectoryId

Property Name	Value
Description:	The identifier of a user in a corporate directory (such as Active Directory).
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DirectoryId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (2048 characters)
Custom Type:	DirectoryId
Null Handling:	Inherit - inherit parameter value from "tbl_User.DirectoryId." If "tbl_User.DirectoryId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@DisplayName

Property Name	Value
Description:	The preferred text name of a person to be used when displaying entries such as in the administrative console, e.g. Cisco Unity Connection Administration.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.DisplayName
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	TextName
Null Handling:	Inherit - inherit parameter value from "tbl_User.DisplayName." If "tbl_User.DisplayName" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@DisplayNameRule

Property Name	Value
Description:	The format for generating the user display name.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.DisplayNameRule
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	DisplayNameRule
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.DisplayNameRule." If "tbl_UserTemplate.DisplayNameRule" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@DoesntExpire

Property Name	Value
Description:	A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.DoesntExpire
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.DoesntExpire." If "tbl_UserTemplate.DoesntExpire" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@Language

Property Name	Value
Description:	The preferred language of this user. For a user with a voice mailbox, it is the language in which the subscriber hears instructions played to them. If the subscriber has TTS enabled by their COS, it is the language used for TTS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Language
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	LanguageCode
Null Handling:	Inherit - inherit parameter value from "tbl_User.Language." If "tbl_User.Language" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailboxDn

Property Name	Value
Description:	The distinguished name of the mailbox.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_User.MailboxDn
Required/Optional Parameter:	Optional
SQL Data Type/Length:	lvarchar (392 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.MailboxDn." If "tbl_User.MailboxDn" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailboxStoreObjectId

Property Name	Value
Description:	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.MailboxStoreObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.MailboxStoreObjectId." If "tbl_UserTemplate.MailboxStoreObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MailName

Property Name	Value
Description:	Name used to construct SMTP address (the part of the address before the @ sign).
Notes:	This is optional, and is only needed for Unicode Alias that cannot be converted into a valid SMTP address.
Business Rules:	
Developer Notes:	This is varchar(64) to match size of Alias (nvarchar(64))
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@Manager

Property Name	Value
Description:	The name of the person who is the manager or supervisor of the user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Manager
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.Manager." If "tbl_User.Manager" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MessageAgingPolicyObjectId

Property Name	Value
Description:	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.MessageAgingPolicyObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID

Property Name	Value
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.MessageAgingPolicyObjectId." If "tbl_UserTemplate.MessageAgingPolicyObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@NotificationType

Property Name	Value
Description:	The notification type to use for this mailbox created with this subscriber. See definitions under custom type - NotificationType for more details.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.NotificationType
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	NotificationType
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.NotificationType." If "tbl_UserTemplate.NotificationType" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The unique identifier of the user template to update.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ObjectId." If "tbl_UserTemplate.ObjectId" can be NULL, then explicit NULL is allowed.

Property Name	Value
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@PabLastImported

Property Name	Value
Description:	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PabLastImported
Required/Optional Parameter:	Optional
SQL Data Type/Length:	datetime (8 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PabLastImported." If "tbl_User.PabLastImported" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@PostalCode

Property Name	Value
Description:	For users in the United States, the zip code where the user is located. For users in Canada, Mexico, and other countries, the postal code where the user is located.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.PostalCode
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (40 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.PostalCode." If "tbl_User.PostalCode" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

@ReadOnly

Property Name	Value
Description:	If set to 1 (true) user is read-only and cannot be modified.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.ReadOnly
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.ReadOnly." If "tbl_User.ReadOnly" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@ReceiveQuota

Property Name	Value
Description:	The mailbox size (in bytes) receive limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.ReceiveQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.ReceiveQuota." If "tbl_UserTemplate.ReceiveQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	True

@RouteNDRToSender

Property Name	Value
Description:	A flag indicating, for an undeliverable message, whether NDR messages will appear in the subscriber's mailbox or are deleted by the system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.RouteNDRTToSender
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.RouteNDRTToSender." If "tbl_User.RouteNDRTToSender" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@SendQuota

Property Name	Value
Description:	The mailbox size (in bytes) send limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.SendQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.SendQuota." If "tbl_UserTemplate.SendQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In
Update Column Value From Parameter:	True

@SendReadReceipts

Property Name	Value
Description:	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.SendReadReceipts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.SendReadReceipts." If "tbl_UserTemplate.SendReadReceipts" can be NULL, then explicit NULL is allowed.
Default Value:	1
Direction:	In
Update Column Value From Parameter:	True

@State

Property Name	Value
Description:	The full name of the state or province where this user is located, or with which a user is associated.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.State
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.State." If "tbl_User.State" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@TimeZone

Property Name	Value
Description:	The time zone to which this user account is associated.
Notes:	
Business Rules:	
Developer Notes:	

Property Name	Value
Reference Table/Column:	tbl_User.TimeZone
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_User.TimeZone." If "tbl_User.TimeZone" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@Undeletable

Property Name	Value
Description:	A flag indicating whether this subscriber can be deleted via an administrative application such as Cisco Unity Connection Administration. It is used to prevent deletion of factory defaults.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_User.Undeletable
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Inherit - inherit parameter value from "tbl_User.Undeletable." If "tbl_User.Undeletable" can be NULL, then explicit NULL is allowed.
Default Value:	0
Direction:	In
Update Column Value From Parameter:	True

@UseDefaultLanguage

Property Name	Value
Description:	Set this to 1 to have the user inherit language from location.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional

Property Name	Value
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@UseDefaultTimeZone

Property Name	Value
Description:	Set this to 1 to have the user inherit timezone from location.
Notes:	See vw_User.UseDefaultTimeZone for more information.
Business Rules:	
Developer Notes:	
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	Bool
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@WarningQuota

Property Name	Value
Description:	The mailbox size (in bytes) warning limit.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_UserTemplate.WarningQuota
Required/Optional Parameter:	Optional
SQL Data Type/Length:	int (4 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_UserTemplate.WarningQuota." If "tbl_UserTemplate.WarningQuota" can be NULL, then explicit NULL is allowed.
Default Value:	-2
Direction:	In

Property Name	Value
Update Column Value From Parameter:	True

6.329. csp_VirtualContactCreate

Creates a virtual contact representing a VPIM user in a remote mail system by inserting a new row into tbl_Contact. In addition to creating a new Contact object, this procedure also creates an Alias object in the tbl_Alias table by calling csp_AliasCreate.

Additional Information

The @Alias and @DisplayName parameters are set to be a combination of the location Dialing Domain and the Remote Mail Address.

If @LocationObjectId is not provided or is NULL, it is set to the objectid of the primary LocationVMS.

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@DeliveryLocationObjectId	In	inherit	char (36 characters)	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.
Required	@RemoteAddress	In	inherit	lvarchar (256 characters)	A mail address on the remote system.
Optional	@AuditAlias	In	ignore	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	ignore	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a Contact object.

Exceptions

csp_VirtualContactCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	
1004	EXCEPTION_OBJECT_NOTFOUND	

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Ignore - a value of NULL in the parameter is ignored.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

@DeliveryLocationObjectld

Property Name	Value
Description:	The unique identifier of the location to which this contact's messages will be sent. Currently, this is a LocationVPIM, but in the future as we add other types of interops it could be another type of Location such as LocationOctel or LocationAMIS.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.DeliveryLocationObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.DeliveryLocationObjectId." If "tbl_Contact.DeliveryLocationObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a Contact object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.ObjectId." If "tbl_Contact.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	True

@RemoteAddress

Property Name	Value
Description:	A mail address on the remote system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_Contact.RemoteAddress
Required/Optional Parameter:	Required
SQL Data Type/Length:	lvarchar (256 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_Contact.RemoteAddress." If "tbl_Contact.RemoteAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

6.330. csp_VMSServerCreate

Creates a new VMSServer object by inserting a new row into tbl_VMSServer. A VMSServer object consists of the information for each server in the Virtual Messaging System (VMS) that the SRM needs to manage the servers in the VMS.

Additional Information

The parameters @Name and @VmsTemplateObjectId must be provided.

This procedure also inserts five rows into tbl_IPPortReservation, which reserves the following TCP/IP ports:

SIP/PIMG call control: 5060-5300

RTP/RTCP SCCP: 24576-32768

RTP/RTCP ASR: 32784-33084

RTP/RTCP TTS: 33184-33484

RTP/RTCP SIP/PIMG voice: 22800-24575

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@Name	In	inherit	nvarchar (64 characters)	The name of the server.
Required	@VmsTemplateObjectId	In	inherit	char (36 characters)	The unique identifier of the VMSTemplate object that defines the roles that run on this server.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IpAddress	In	inherit	varchar (40 characters)	The IP address of the server.
Optional	@MaximumTelephonyPorts	In	inherit	smallint (2 bytes)	Maximum allowed telephony ports in system.
Optional	@ObjectId	Out	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.

Exceptions

csp_VMSServerCreate will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of one of the required parameters (@Name and @VMSTemplateObjectId) is NULL. The name of the missing parameter is included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IpAddress

Property Name	Value
Description:	The IP address of the server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_VMSServer.IpAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	IPAddress
Null Handling:	Inherit - inherit parameter value from "tbl_VMSServer.IpAddress." If "tbl_VMSServer.IpAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MaximumTelephonyPorts

Property Name	Value
Description:	Maximum allowed telephony ports in system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_VMSServer.MaximumTelephonyPorts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_VMSServer.MaximumTelephonyPorts." If "tbl_VMSServer.MaximumTelephonyPorts" can be NULL, then explicit NULL is allowed.
Default Value:	144
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	

Property Name	Value
Developer Notes:	
Reference Table/Column:	tbl_VMSServer.Name
Required/Optional Parameter:	Required
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_VMSServer.Name." If "tbl_VMSServer.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_VMSServer.ObjectId
Required/Optional Parameter:	Optional
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_VMSServer.ObjectId." If "tbl_VMSServer.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	Out
Update Column Value From Parameter:	False

@VmsTemplateObjectId

Property Name	Value
Description:	The unique identifier of the VMSTemplate object that defines the roles that run on this server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_VMSServer.VmsTemplateObjectId

Property Name	Value
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_VMSServer.VmsTemplateObjectId." If "tbl_VMSServer.VmsTemplateObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.331. csp_VMSServerDelete

Deletes a VMSServer object from tbl_VMSServer as specified by the @ObjectId parameter.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.

Exceptions

csp_VMSServerDelete will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	There are two conditions that can cause an Object Not Found exception to be thrown: 1. The VMSServer object specified by @ObjectId was not found. The names of the object (VMS server), table (tbl_VMSServer), and column (ObjectId) are included with the exception message. 2. The result of a SQL transaction indicates that no rows are deleted, but an active transaction is open. The names of the object (Primary Key) , table (tbl_VMSServer), and the column (---) are included with the exception message. The active transaction is rolled back.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.

Property Name	Value
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_VMSServer.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_VMSServer.ObjectId." If "tbl_VMSServer.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

6.332. csp_VMSServerModify

Updates the attributes of a VMSServer object based on the values passed in via the parameters. The @ObjectId parameter identifies the VMSServer object that is updated.

Additional Information

Business Rules

Parameter Summary

Parameter Required	Name	Direction	Null Handling	SQL Data Type/Length	Description
Required	@ObjectId	In	inherit	char (36 characters)	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Optional	@AuditAlias	In	undefined	nvarchar (64 characters)	The Unity alias that will be associated with an audit log record.
Optional	@AuditComponent	In	undefined	varchar (64 characters)	The Unity component that will be associated with an audit log record.
Optional	@IpAddress	In	inherit	varchar (40 characters)	The IP address of the server.
Optional	@MaximumTelephonyPorts	In	inherit	smallint (2 bytes)	Maximum allowed telephony ports in system.
Optional	@Name	In	inherit	nvarchar (64 characters)	The name of the server.

Exceptions

csp_VMSServerModify will throw the following exception(s) for the stated error condition(s):

Error #	Name	Description
1002	EXCEPTION_PARAMETER_NULL_REQUIRED	The value of the required parameter @ObjectId is NULL. The name of the missing parameter is included with the exception message.
1004	EXCEPTION_OBJECT_NOTFOUND	The VMSServer object specified by @ObjectId was not found. The names of the object (VMS server), table (tbl_VMSServer), and column (ObjectId) are included with the exception message.

Parameter Properties

@AuditAlias

Property Name	Value
Description:	The Unity alias that will be associated with an audit log record.
Notes:	This will always be the same as the Alias custom type.
Business Rules:	
Developer Notes:	Every proc will have an AuditAlias parameter for auditing purposes. Even though this will always be the same as the Alias custom type, it's better to have a unique custom type for the audit alias in case we ever need to un-bind the two.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	AuditAlias
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@AuditComponent

Property Name	Value
Description:	The Unity component that will be associated with an audit log record.
Notes:	
Business Rules:	
Developer Notes:	Every proc will have a component name parameter for auditing purposes.
Reference Table/Column:	
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (64 characters)
Custom Type:	AuditComponent
Null Handling:	Inherit, but Table/Column reference is UNDEFINED.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@IpAddress

Property Name	Value
Description:	The IP address of the server.
Notes:	

Property Name	Value
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_VMSServer.IpAddress
Required/Optional Parameter:	Optional
SQL Data Type/Length:	varchar (40 characters)
Custom Type:	IPAddress
Null Handling:	Inherit - inherit parameter value from "tbl_VMSServer.IpAddress." If "tbl_VMSServer.IpAddress" can be NULL, then explicit NULL is allowed.
Default Value:	NULL
Direction:	In
Update Column Value From Parameter:	True

@MaximumTelephonyPorts

Property Name	Value
Description:	Maximum allowed telephony ports in system.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_VMSServer.MaximumTelephonyPorts
Required/Optional Parameter:	Optional
SQL Data Type/Length:	smallint (2 bytes)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_VMSServer.MaximumTelephonyPorts." If "tbl_VMSServer.MaximumTelephonyPorts" can be NULL, then explicit NULL is allowed.
Default Value:	144
Direction:	In
Update Column Value From Parameter:	True

@Name

Property Name	Value
Description:	The name of the server.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_VMSServer.Name

Property Name	Value
Required/Optional Parameter:	Optional
SQL Data Type/Length:	nvarchar (64 characters)
Custom Type:	
Null Handling:	Inherit - inherit parameter value from "tbl_VMSServer.Name." If "tbl_VMSServer.Name" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	True

@ObjectId

Property Name	Value
Description:	The primary key for this table. A globally unique, system-generated identifier for a VMSServer object.
Notes:	
Business Rules:	
Developer Notes:	
Reference Table/Column:	tbl_VMSServer.ObjectId
Required/Optional Parameter:	Required
SQL Data Type/Length:	char (36 characters)
Custom Type:	ObjectID
Null Handling:	Inherit - inherit parameter value from "tbl_VMSServer.ObjectId." If "tbl_VMSServer.ObjectId" can be NULL, then explicit NULL is allowed.
Default Value:	
Direction:	In
Update Column Value From Parameter:	False

Chapter 7. Functions

7.1. fn_AvoidDefaultCredentials

Parameters

Name	SQL Data Type/Length	Description
@Credentials	varchar (254 characters)	
@RETURN_VALUE	varchar (254 characters)	
@strCredentials	nvarchar (128 characters)	

Additional Information

7.2. fn_AvoidDefaultFloat

Parameters

Name	SQL Data Type/Length	Description
@RETURN_VALUE	float (8 bytes)	
@Val1	float (8 bytes)	
@Val2	float (8 bytes)	

Additional Information

7.3. fn_AvoidDefaultInt

Parameters

Name	SQL Data Type/Length	Description
@RETURN_VALUE	int (4 bytes)	
@Val1	int (4 bytes)	
@Val2	int (4 bytes)	

Additional Information

7.4. fn_AvoidDefaultSmallInt

Parameters

Name	SQL Data Type/Length	Description
@RETURN_VALUE	smallint (2 bytes)	
@Val1	smallint (2 bytes)	
@Val2	smallint (2 bytes)	

Additional Information

7.5. fn_AvoidDefaultStr

Parameters

Name	SQL Data Type/Length	Description
@RETURN_VALUE	lvarchar (1024 characters)	
@Val1	lvarchar (1024 characters)	
@Val2	lvarchar (1024 characters)	

Additional Information

7.6. fn_AvoidDefaultTime

Parameters

Name	SQL Data Type/Length	Description
@RETURN_VALUE	datetime (8 bytes)	
@Val1	datetime (8 bytes)	
@Val2	datetime (8 bytes)	

Additional Information

7.7. fn_AvoidDefaultUid

Parameters

Name	SQL Data Type/Length	Description
@RETURN_VALUE	char (36 characters)	
@Val1	char (36 characters)	
@Val2	char (36 characters)	

Additional Information

7.8. fn_AvoidNull

Parameters

Name	SQL Data Type/Length	Description
@RETURN_VALUE	lvarchar (512 characters)	
@Val1	lvarchar (512 characters)	
@Val2	lvarchar (512 characters)	

Additional Information

7.9. fn_AvoidNullBin

Parameters

Name	SQL Data Type/Length	Description
@RETURN_VALUE	varchar (254 characters)	
@Val1	varchar (254 characters)	
@Val2	varchar (254 characters)	

Additional Information

7.10. fn_AvoidNullInt

Parameters

Name	SQL Data Type/Length	Description
@RETURN_VALUE	int (4 bytes)	
@Val1	int (4 bytes)	
@Val2	int (4 bytes)	

Additional Information

7.11. fn_EncryptCredential

This functions take a plain text credential and hashes it using SHA1.

Parameters

Name	SQL Data Type/Length	Description
@Credentials	varchar (254 characters)	
@EncryptionType	int (4 bytes)	
@RETURN_VALUE	varchar (254 characters)	
@UserObjectId	char (36 characters)	

Additional Information

7.12. fn_GetConfigNodeId

Returns the ObjectId of a node given a combination of Name/FullName/ParentFullName/ParentObjectId

Parameters

Name	SQL Data Type/Length	Description
@FullName	lvarchar (512 characters)	
@Name	lvarchar (256 characters)	
@ParentFullName	lvarchar (512 characters)	
@ParentId	char (36 characters)	
@RETURN_VALUE	char (36 characters)	

Additional Information

7.13. fn_GetDefaultLanguage

Parameters

Name	SQL Data Type/Length	Description
@RETURN_VALUE	int (4 bytes)	

Additional Information

7.14. fn_GetSearchablePhoneNumber

Given a phone number, this returns a searchable version of it by removing formatting.

Parameters

Name	SQL Data Type/Length	Description
@PhoneNumber	varchar (255 characters)	
@RETURN_VALUE	varchar (255 characters)	

Additional Information

7.15. fn_HasChildNodes

Returns whether or not a node had any child nodes.

Parameters

Name	SQL Data Type/Length	Description
@ObjectId	char (36 characters)	
@RETURN_VALUE	smallint (2 bytes)	

Additional Information

User internally by a view (vw_configuration)

7.16. fn_local_to_utc

Parameters

Name	SQL Data Type/Length	Description
@dt	datetime (8 bytes)	
@RETURN_VALUE	datetime (8 bytes)	
@timeZoneID	int (4 bytes)	

Additional Information

7.17. fn_utc_to_local

Parameters

Name	SQL Data Type/Length	Description
@dt	datetime (8 bytes)	
@RETURN_VALUE	datetime (8 bytes)	
@timeZoneID	int (4 bytes)	

Additional Information

Chapter 8. Exceptions

This chapter describes user-defined error messages (exceptions).

8.1. 1002 - EXCEPTION_PARAMETER_NULL_REQUIRED

Error Number

1002

Description

Required parameter cannot be NULL.

Message

Required parameter cannot be NULL. Parameter = [%s]

Notes

This is for a required parameter that is set to NULL.

Replaces 50303.

8.2. 1003 - EXCEPTION_PARAMETER_INVALID

Error Number

1003

Description

Invalid parameter.

Message

Invalid parameter. Parameter = [%s], Value = [%s]

Notes

This is a generic message for an invalid parameter.

Replaces 50101, 50102, 50111, 50106, 50102, 50110, 50105, 50103, 50104, 50115, 50107, 50113, and 50108

8.3. 1004 - EXCEPTION_OBJECT_NOTFOUND

Error Number

1004

Description

Object not found.

Message

Object not found. Object = [%s], Table = [%s], Column = [%s]

Notes

A generic message when an object is not found.

Replaces 50305

8.4. 1005 - EXCEPTION_OBJECT_NOTFOUND_NOTTYPE

Error Number

1005

Description

Object not found or the object is not the correct type.

Message

Object not found or is not a %s: Parameter = [%s], Table = [%s], Column = [%s]

Notes

Generic message when an object is not found or not of a particular type.

Replaces 50305

8.5. 1006 - EXCEPTION_SPECIAL_INTERNAL

Error Number

1006

Description

Internal SQL error.

Message

Internal SQL error. Operation = [%s]

Notes

Occurs when there is an internal SQL error.

Replaces 50109

8.6. 1007 - EXCEPTION_OBJECT_ALREADY_BELONG

Error Number

1007

Description

An object already belongs to another object.

Message

%s already belongs to %s

Notes

Replaces 50001 and 50114

8.7. 1008 - EXCEPTION_OBJECT_INUSE

Error Number

1008

Description

Operation cannot be completed because the target object is in use.

Message

Operation cannot be done because the object is in use. Operation = [%s], Table = [%s], Column = [%s]

Notes

Replaces 50112

8.8. 1009 - EXCEP- TION_SPECIAL_NODETYPE_MISMATCH

Error Number

1009

Description

Cannot modify a node that is not this type.

Message

Cannot modify a node that is not this type. Type = [%s]

Notes

A special exception when a configuration node of the wrong type is modified.

Replaces 50116

8.9. 1010 - EXCEPTION_SPECIAL_NODE_DUPLICATE

Error Number

1010

Description

Duplicate configuration node.

Message

Duplicate configuration node. Column = [%s]

Notes

Used when a duplicate configuration node is found.

Replaces 50118. A CK can't take care of this since some processing needs to be done before a duplicate node can be checked for.

8.10. 1011 - EXCEP- TION_SPECIAL_MEDIADVICE_LIMITEXCEED

Error Number

1011

Description

Error creating a media port.

Message

%s exceeds maximum for the specified VMSServerObjectId

Notes

Special media port create exception.

Replaces hard coded item in csp_MediaPortCreate

8.11. 1012 - EXCEPTION_SPECIAL_VMSSERVERROLE_MATCHROLET TEMPLATE

Error Number

1012

Description

StartupState and ServerPriority match that of role template.

Message

Row %s: @StartupState and @ServerPriority match that of role template

Notes

Generated by csp_VMSServerRole create or modify when the @StartupState and @ServerPriority parameters match that of the role template associated with the server @VMSServerObjectId

8.12. 1013 - EXCEP- TION_MAX_TELEPHONY_PORTS_EXCEEDED

Error Number

1013

Description

Maximum number of telephony ports in system is exceeded.

Message

Maximum number of telephony ports in system exceeded.

Notes

8.13. 1014 - EXCEPTION_MEDIA_ENCRYPTION_ATTRIBUTE_MAXSIZE_EXCEEDED

Error Number

1014

Description

One of the media encryption type attributes exceeds the maximum of 8000 bytes.

Message

An encryption type attribute exceeds the maximum of 8k bytes. Table=[%s], Column=[%s]

Notes

Thrown by tr_MediaPort_Insert and tr_MediaPort_Update

8.14. 1015 - EXCEPTION_OBJECT_READONLY

Error Number

1015

Description

Object is read only.

Message

Object is read only. Object = [%s], Table = [%s]

Notes

A generic message when an object cannot be changed or updated.

8.15. 1016 - EXCEPTION_OBJECT_UNDELETABLE

Error Number

1016

Description

Object is protected and may not be deleted.

Message

Object is undeletable. Object = [%s], Table = [%s]

Notes

A generic message when an object cannot be deleted. This exception would occur when attempting to delete a factory default object.

8.16. 1017 - EXCEPTION_ATTRIBUTE_READONLY

Error Number

1017

Description

Field is read only and cannot be updated.

Message

Attribute is read only. Table = [%s], Column = [%s]

Notes

Used by media triggers to protect referencial integrity of particular object attributes.

8.17. 1018 - EXCEPTION_MEDIA_REMOTESEVICEENUM_INVALID

Error Number

1018

Description

The MediaRemoteService cannot be assigned to a specific type of media port group.

Message

Remote service cannot be assigned to this type of media port group. [%s]

Notes

8.18. 1019 - EXCEP- TION_MEDIA_PIMG_REMOTESERVICE_MAXSERVICE S_EXCEEDED

Error Number

1019

Description

Only one PIMG MediaRemoteService may be assigned to a media port group.

Message

Only one PIMG MediaRemoteService may be assigned to a media port group.

Notes

8.19. 1020 - EXCEPTION_MEDIA_IPPORT_OUT_OF_RANGE

Error Number

1020

Description

IPPort is outside of the range reserved for this purpose or no range has been reserved.

Message

IPPort out of range. Table=[%s], Column=[%s]

Notes

8.20. 1021 - EXCEPTION_MEDIA_IPPORT_RANGE_OVERLAP

Error Number

1021

Description

Overlapping min/max port ranges on the same VMSServer are not permitted.

Message

Overlapping min/max port ranges. Table=[%s], Columns=[%s]

Notes

8.21. 1022 - EXCEPTION_MEDIA_SIPPORT_ASSIGNMENT_INVALID

Error Number

1022

Description

Assignment of SIP port to a port group is invalid.

Message

Invalid SIP port assignment. Table=[%s]

Notes

Two conditions can cause this exception:

1. SIP ports can only be assigned to port groups where TelephonyIntegrationMethodEnum is SIP or PIMG.
2. Can only assign one SIP port per VMSServer to a port group.

8.22. 1023 - EXCEP- TION_MEDIA_DUPLICATE_DEVICEID

Error Number

1023

Description

A device index or device id matching the specified device index or device id already exists on a VMS.

Message

Duplicate media device index or device id. Table = [%s], Column = [%s]

Notes

8.23. 1024 - EXCEPTION_AUTOLOGON_PHONENUMBER_DUPLICATE

Error Number

1024

Description

A duplicate phone number with AutoLogon set to true already exists.

Message

A duplicate phone number with AutoLogon set to true (1) already exists.

Notes

8.24. 1025 - EXCEPTION_LICENSE_VIOLATION

Error Number

1025

Description

The requested operation would result in a license violation.

Message

License violation: %s

Notes

License count violation - returned when the number of objects (Subscribers,Ports) would exceed the licensed maximum.

EXCEPTION_LICENSE_VIOLATION_FEATURE is returned if the number of subscribers for a licensed feature would be exceeded.

8.25. 1026 - EXCEP- TION_LICENSE_VIOLATION_FEATURE

Error Number

1026

Description

Number subscribers exceeds the allowed number for a licensed feature.

Message

Number subscribers exceeds the allowed number for a licensed feature: %s %s

Notes

This is returned for licensed feature violations.

8.26. 1027 - EXCEP- TION_CREDENTIAL_NUMERIC_CHECK_FAILED

Error Number

1027

Description

The credential must contain only digits.

Message

The credential must contain only digits.

Notes

This applies to PIN credentials only.

8.27. 1028 - EXCEPTION_CREDENTIAL_POLICY_NOTFOUND

Error Number

1028

Description

The credential policy was not found.

Message

The credential policy was not found: [%s]

Notes

8.28. 1029 - EXCEPTION_AGING_RULE_DISABLED

Error Number

1029

Description

The specified message aging rule is disabled.

Message

Aging Rule (%s) is disabled.

Notes

8.29. 1030 - EXCEPTION_NOT_AUTHORIZED

Error Number

1030

Description

User is not authorized to perform the requested operation.

Message

User is not authorized to perform the requested operation.

Notes

Returned from `csp_CredentialModify` if user is trying to set an administrative user's password without the privilege to do so.

8.30. 1031 - EXCEP- TION_NOTIFICATION_TOADDRESS_REQUIRED

Error Number

1031

Description

If a notification device is active, the attribute of the device that equates to the 'To' address, must contain a non-null value.

Message

The 'To' address for the active notification device must contain an address. To address parameter= [%s], Table= [%s], Column = [%s]

Notes

8.31. 1032 - EXCEPTION_AGING_POLICY_DISABLED

Error Number

1032

Description

The specified message aging policy is disabled.

Message

Aging Policy (%s) is disabled.

Notes

8.32. 1033 - EXCEP- TION_NOTIFICATIONMWI_INHERIT_EXTENSION_EXISTS

Error Number

1033

Description

A user can only have one MWI extension that is set to 'inherit from user extension.'

Message

A notification MWI extension set to inherit from this user extension already exists.

Notes

8.33. 1034 - EXCEPTION_NOTIFICATION_MEDIASWITCH_DOESNT_MATCH_MEDIAPORT

Error Number

1034

Description

If a MediaPort is specified for a notification mwi, the media switch associated with the media port must match the media switch associated with the notification mwi.

Message

The media switch associated with a media port does not match the media switch associated with the corresponding notification MWI.

Notes

BusinessRules

If MediaPortObjectId for a NotificationMwi is not NULL, it must be a child of the MediaSwitchObjectId

8.34. 1035 - EXCEPTION_OBJECT_INVALID_OWNER

Error Number

1035

Description

The user does not own the specified object.

Message

The %s does not belong to the user.

Notes

8.35. 1036 - EXCEPTION_INVALID_ROUTING_RULE_CONDITION

Error Number

1036

Description

The specified routing rule condition is not valid.

Message

The specified routing rule condition is not valid.

Notes

8.36. 1037 - EXCEP- TION_MAILSTORE_NOT_MOUNTED

Error Number

1037

Description

The specified mailstore is not currently mounted.

Message

The specified mailstore is not currently mounted.

Notes

8.37. 1038 - EXCEPTION_SWITCH_REF_SUBSCRIBER

Error Number

1038

Description

Phone system cannot be deleted because it is referenced by a user.

Message

Phone system could not be deleted because it is referenced by a user.

Notes

8.38. 1039 - EXCEP- TION_SWITCH_REF_SUBSCRIBER_TEMPLATE

Error Number

1039

Description

Phone system cannot be deleted because it is referenced by a user template.

Message

Phone system could not be deleted because it is referenced by a user template.

Notes

8.39. 1040 - EXCEPTION_SWITCH_REF_NOTIFICATION_PAGER

Error Number

1040

Description

Phone system cannot be deleted because it is referenced by a pager notification device on a user or user template.

Message

Phone system could not be deleted because it is referenced by a pager device on a user or user template.

Notes

8.40. 1041 - EXCEP- TION_SWITCH_REF_NOTIFICATION_PHONE

Error Number

1041

Description

Phone system cannot be deleted because it is referenced by a phone notification device on a user or user template.

Message

Phone system could not be deleted because it is referenced by a phone notification device on a user or user template.

Notes

8.41. 1042 - EXCEP- TION_SWITCH_REF_SUBSCRIBER_TRANSFER_OPTI ON

Error Number

1042

Description

Phone system cannot be deleted because the transfer settings of a user or user template refers to it.

Message

Phone system could not be deleted because the transfer settings of a user or user template refer to it.

Notes

8.42. 1043 - EXCEP- TION_SWITCH_REF_CALLHANDLER

Error Number

1043

Description

Phone system cannot be deleted because the transfer settings of a call handler or call handler template refers to it.

Message

Phone system could not be deleted because the transfer settings of a call handler or call handler template refer to it.

Notes

8.43. 1044 - EXCEPTION_ADDRESS_IN_LOCAL_DOMAIN

Error Number

1044

Description

The specified SMTP address cannot be in the VMS domain.

Message

The specified SMTP address cannot be in the VMS domain: %s

Notes

8.44. 1045 - EXCEP- TION_NOTIFICATION_REQUIRES_SCHEDULE

Error Number

1045

Description

An active notification device requires a valid schedule.

Message

An active notification device requires a valid schedule.

Notes

8.45. 1046 - EXCEP- TION_SWITCH_REF_NOTIFICATION_MWI

Error Number

1046

Description

Phone system cannot be deleted because it is referenced by a notification mwi on a user or user template.

Message

Phone system could not be deleted because it is referenced by a notification mwi on a user or user template.

Notes

8.46. 1047 - EXCEP- TION_CONFIGURATION_SETTING_NULL_REQUIRED

Error Number

1047

Description

The system configuration setting in tbl_Configuration cannot be NULL.

Message

Configuration setting cannot be NULL. Setting = [%s]

Notes

8.47. 1048 - EXCEPTION_DL_CONTAINS_CONTACTS

Error Number

1048

Description

The distribution list cannot be set to not allow contacts while it contains contacts. The contacts must first be removed from the distribution list before the distribution list can be set to not allow contacts.

Message

The distribution list cannot be set to not allow contacts while it contains contacts.

Notes

8.48. 1049 - EXCEPTION_DL_DOES_NOT_ALLOW_CONTACTS

Error Number

1049

Description

The distribution list to which a contact is being added does not allow contacts.

Message

The distribution list does not allow contacts.

Notes

8.49. 1050 - EXCEPTION_NOTIFICATION_PHONENUMBER_REQUIRED

Error Number

1050

Description

If a notification device is active, the phone number attribute of the device must contain a valid value.

Message

The phone number for the active notification device must contain a valid value. Phone number parameter = [%s], Table = [%s], Column = [%s]

Notes

8.50. 1051 - EXCEPTION_ROLE_DISABLED

Error Number

1051

Description

The role is disabled. A role that is disabled (IsEnabled=0) is hidden and cannot be displayed in the SA, nor can it be assigned to a policy.

Message

The provided role is disabled and cannot be assigned to a policy.

Notes

8.51. 1052 - EXCEPTION_USER_INUSE_BY_CALLHANDLER

Error Number

1052

Description

The user is the message recipient for a system call handler or system call handler template.

Message

The user is the message recipient for a system call handler or system call handler template.

Notes

8.52. 1053 - EXCEP- TION_USER_INUSE_BY_SMPPPROVIDER

Error Number

1053

Description

The user is the owner of an SMPP Provider.

Message

The user is the owner of an SMPP Provider.

Notes

8.53. 1054 - EXCEPTION_USER_INUSE_BY_INTERVIEWHANDLER

Error Number

1054

Description

The user is the message recipient for an interview handler.

Message

The user is the message recipient for an interview handler.

Notes

8.54. 1116 - EXCEP- TION_AUTHENTICATION_LOCKOUT

Error Number

1116

Description

An attempt was made to authenticate a user when the user's account is locked out.

Message

Error: Authentication failed. Account is locked out

Notes

Returned regardless of whether correct credentials were passed in.

8.55. 1117 - EXCEPTION_AUTHENTICATION_FAILED

Error Number

1117

Description

Authentication of a user failed due to an incorrect password/username combination.

Message

Authentication failed.

Notes

8.56. 1119 - EXCEP- TION_CREDENTIAL_HISTORY_MATCH

Error Number

1119

Description

The credential matches a previous credential for this user.

Message

The credential matches a previous credential for this user.

Notes

8.57. 1120 - EXCEPTION_PERSONALGROUP_NUMERICID_DUPLICATE

Error Number

1120

Description

Numeric id already exists.

Message

NumericId is already in use - value must be unique for specified owner.

Notes

For personal voice mail lists (in tbl_PersonalGroup), if NumericId is specified it must be unique for the user to which it belongs.

8.58. 1121 - EXCEPTION_CREDENTIAL_MINLENGTH_CHECK_FAILED

Error Number

1121

Description

The credential minimum length check failed.

Message

The credential minimum length check failed. Minimum length = %s.

Notes

8.59. 1122 - EXCEPTION_CREDENTIAL_REQUIRED_CHARACTERS_CHECK_FAILED

Error Number

1122

Description

The credential does not contain three of the four required character group types.

Message

The credential does not contain three of the four required character group types.

Notes

This applies to Password credentials only.

8.60. 1123 - EXCEP- TION_CREDENTIAL_THREE_CONSECUTIVE_CHARAC TERS_CHECK_FAILED

Error Number

1123

Description

The credential consists of the same character repeated more than three times consecutively.

Message

The credential consists of the same character repeated more than 3 times consecutively.

Notes

This applies to Password credentials only.

8.61. 1124 - EXCEPTION_CREDENTIAL_ALIAS_CHECK_FAILED

Error Number

1124

Description

The credential repeats or includes the user alias.

Message

The credential repeats or includes the user alias.

Notes

8.62. 1125 - EXCEPTION_CREDENTIAL_EXTENSION_CHECK_FAILED

Error Number

1125

Description

The credential repeats or includes the user's extension.

Message

The credential repeats or includes the user dtmfaccessid

Notes

8.63. 1126 - EXCEPTION_CREDENTIAL_ASCENDING_CHARACTERS_CHECK_FAILED

Error Number

1126

Description

The credential consists of ascending consecutive characters.

Message

The credential consists of ascending consecutive characters.

Notes

8.64. 1127 - EXCEPTION_CREDENTIAL_DESCENDING_CHARACTERS_CHECK_FAILED

Error Number

1127

Description

The credential consists of descending consecutive characters.

Message

The credential consists of descending consecutive characters.

Notes

8.65. 1130 - EXCEPTION_CREDENTIAL_TWO_CONSECUTIVE_CHARACTERS_CHECK_FAILED

Error Number

1130

Description

The credential consists of the same character repeated more than two times consecutively.

Message

The credential consists of the same character repeated more than 2 times consecutively.

Notes

This applies to PIN credentials only.

8.66. 1131 - EXCEPTION_CREDENTIAL_THREE_UNIQUEDIGITS_CHECK_FAILED

Error Number

1131

Description

The credential does not contain at least three unique digits.

Message

The credential does not contain at least three unique digits.

Notes

This applies to PIN credentials only.

8.67. 1132 - EXCEPTION_CREDENTIAL_FIRSTNAME_CHECK_FAILED

Error Number

1132

Description

The credential is the same as the numeric representation of the user's first name.

Message

The credential is the same as the numeric representation of the user's first name.

Notes

This applies to PIN credentials only.

8.68. 1133 - EXCEPTION_CREDENTIAL_LASTNAME_CHECK_FAILED

Error Number

1133

Description

The credential is the same as the numeric representation of the user's last name.

Message

The credential is the same as the numeric representation of the user's last name.

Notes

This applies to PIN credentials only.

8.69. 1134 - EXCEPTION_CREDENTIAL_DIGITGROUPS_CHECK_FAILED

Error Number

1134

Description

The credential consists of groups of repeated digits.

Message

The credential consists of groups of repeated digits.

Notes

This applies to PIN credentials only.

8.70. 1135 - EXCEP- TION_CREDENTIAL_KEYPAD_CHECK_FAILED

Error Number

1135

Description

The credential consists of patterns that are dialed in a straight line on a keypad.

Message

The credential consists of patterns that are dialed in a straight line on a keypad.

Notes

This applies to PIN credentials only.

8.71. 1137 - EXCEPTION_AUTHENTICATION_CREDENTIAL_EXPIRED

Error Number

1137

Description

The credential has expired. The user was authenticated, but the credential has expired and should be changed.

Message

The credential has expired.

Notes

8.72. 1138 - EXCEP- TION_CREDENTIAL_CANTCHANGE

Error Number

1138

Description

The user cannot change the credential.

Message

The user cannot change the credential.

Notes

8.73. 1139 - EXCEPTION_CREDENTIAL_MINDURATION_NOT_ELAPSED

Error Number

1139

Description

The user cannot change the credential because the minimum duration between credential changes has not elapsed.

Message

The user cannot change the credential because the minimum duration between credential changes has not elapsed.

Notes

The credential cannot be changed due to MinDuration policy setting in Credential Policy.

8.74. 1140 - EXCEPTION_VALUE_MIN

Error Number

1140

Description

Value specified is below the minimum allowable value.

Message

Value specified (%s) is below the minimum allowable value (%s).

Notes

8.75. 1141 - EXCEPTION_VALUE_MAX

Error Number

1141

Description

Value specified exceeds the maximum allowable value.

Message

Value specified (%s) exceeds the maximum allowable value (%s).

Notes

8.76. 1142 - EXCEPTION_VALUE_REGEX

Error Number

1142

Description

The specified string was invalid according to the validation criteria.

Message

The specified string was invalid according to the validation criteria.

Notes

8.77. 1144 - EXCEPTION_QUOTA_PARAMETER_CONSTRAINT_VIOLATION

Error Number

1144

Description

The specified warning, send, or receive quota value is invalid. The warning value must be less than or equal to the send value. The send value must be less than or equal to the receive value.

Message

The specified warning, send, or receive quota value is invalid. The warning value must be less than or equal to the send value. The send value must be less than or equal to the receive value.

Notes

Bad quota specified. warning <=send <=receive.

8.78. 1145 - EXCEP- TION_QUOTA_PARAMETER_INVALID

Error Number

1145

Description

The specified warning, send, or receive quota value is invalid. Quota values must be greater than -1.

Message

The specified warning, send, or receive quota value is invalid. Quota values must be greater than -1.

Notes

8.79. 1146 - EXCEPTION_INVALID_SMTP_ADDRESS

Error Number

1146

Description

The specified SMTP address is not a valid SMTP address.

Message

The specified SMTP address was not valid.

Notes

This error will be generated when an attempt to convert an alias to an SMTP address failed due to Unicode or other invalid characters in the SMTP address.

8.80. 1147 - EXCEP- TION_CANNOT_REMOVE_DEFAULT

Error Number

1147

Description

The object is set as the default. This object cannot be removed or unset without first specifying another object as the default.

Message

You cannot remove or unset the default value for this object without first specifying another object as the default.

Notes

This error currently only applies to the SMTP server object.

8.81. 1148 - EXCEPTION_VALUE_REGEX_DETAIL

Error Number

1148

Description

The specified column value is invalid.

Message

Value of table %s column %s is invalid.

Notes

8.82. 1149 - EXCEP- TION_MEDIAPORTGROUPCODEC_PACKETSIZE_INV ALID

Error Number

1149

Description

Preferred packet size is not supported.

Message

Preferred packet size is not supported.

Notes

8.83. 1150 - EXCEPTION_MEDIA_MAXPORTNUM_EXCEEDED

Error Number

1150

Description

Port number is out of range.

Message

Port number is out of range

Notes

8.84. 1200 - EXCEPTION_DUPLICATE_DTMFACCESSID

Error Number

1200

Description

An object with the specified DtmfAccessId already exists in the database.

Message

Duplicate DtmfAccessId: %s

Notes

8.85. 1306 - EXCEPTION_COS_READONLY

Error Number

1306

Description

The COS cannot be updated because it is marked read only.

Message

The COS of service cannot be updated because it is marked read only.

Notes

8.86. 1307 - EXCEPTION_RESOURCE_DISABLED

Error Number

1307

Description

The resource is disabled.

Message

The resource is disabled: %s.

Notes

8.87. 1308 - EXCEP- TION_RESOURCE_OWNER_INVALID

Error Number

1308

Description

The resource is owned by another user.

Message

The resource is owned by another user.

Notes

8.88. 1309 - EXCEP- TION_USER_CANNOT_DELETE_SELF

Error Number

1309

Description

A user cannot delete themselves.

Message

Users cannot be deleted by themselves.

Notes

8.89. 1310 - EXCEPTION_RESTRICTION_VIOLATION

Error Number

1310

Description

The extension or phone number violated a restriction in the restriction table.

Message

The Phone Number/Extension has violated a restriction in the restriction table. Phone Number/Extension = [%s], Restriction Type = [%s]

Notes

8.90. 1311 - EXCEP- TION_NOTIFICATION_SMPPPROVIDER_REQUIRED

Error Number

1311

Description

To create/modify a SMS type notification device, the notification device must have a valid SMPP provider.

Message

The notification device must have a valid SMPP provider.

Notes

8.91. 1312 - EXCEPTION_USER_IS_ONLY_SYSADMIN

Error Number

1312

Description

The user cannot be deleted because there are no other users assigned to the System Administrator role.

Message

The user cannot be deleted because there are no other users assigned to the System Administrator role.

Notes

8.92. 1313 - EXCEP- TION_POLICY_IS_ONLY_SYSADMIN

Error Number

1313

Description

The policy cannot be deleted because there are no other users assigned to the System Administrator role.

Message

The policy cannot be deleted because there are no other users assigned to the System Administrator role.

Notes

8.93. 2001 - EXCEPTION_DISMOUNTED_DATABASE

Error Number

2001

Description

Message Store Database is currently dismounted.

Message

Message Store Database is currently dismounted.

Notes

8.94. -692 - EXCEPTION_OBJECT_INUSE_FK

Error Number

-692

Description

Operation cannot be completed because the object is in use.

Message

Operation cannot be completed because the object is in use. Key = [%s].

Notes

This exception provides a more user friendly message for FK violations than what Informix provides.

Chapter 9. Schema Changes

This chapter shows the high-level differences in schema between this release and the previous release.

9.1. Table Schema Differences

Tables in CUC 1.2 And Not In CUC 2.1:

tbl_RoutingRuleParameter, tbl_VMSCertificate, tbl_VMSRole, tbl_VMSRoleTemplate, tbl_VMSServerRole

Tables In CUC 2.1 And Not In CUC 1.2:

tbl_IpAddressAccessList, tbl_LanguageMap, tbl_LicenseFileStatus, tbl_LicenseStatus, tbl_LocationVPIM, tbl_LoggerJavaMapping, tbl_MediaPortGroupCodec, tbl_RoutingRuleCondition, tbl_RtpCodecDef, tbl_RtpCodecDefPacketSize, tbl_Service, tbl_SmtpServer

Table Differences Between CUC 1.2 And CUC 2.1:

Table	Columns Removed From CUC 2.1	Columns Added To CUC 2.1
tbl_Alias		ObjectId
tbl_AlternateName		DistributionListObjectId, LocationObjectId, PersonalGroupObjectId
tbl_CallHandler		Recipient_ContactObjectId, SendSecureMsg
tbl_Configuration		ResetToDefaultOnUpgrade
tbl_Contact	AmisDisableOutbound, RemoteMailAddress	CallHandlerObjectId, DeliveryLocationObjectId, DisableOutbound, RemoteAddress
tbl_Cos		RequireSecureMessages
tbl_Credential		EncryptionType, ObjectId
tbl_CredentialPolicy		ExpiryWarningDays
tbl_DistributionList		AllowContacts, AllowForeignMessage
tbl_DistributionListMember		MemberContactObjectId
tbl_DistributionListSetMember		MemberContactObjectId
tbl_Location	ObjectType	StreamFileObjectId
tbl_LocationVMS	FlexLMData, LicAdvancedUserMax, LicAdvancedUserMaxCompliance, LicenseState, LicensingSystemState, LicIMAPSubscribersMax, LicIMAPSubscribersMaxCompliance, LicRegionIsUnrestricted, LicSubscribersMax, LicSubscribersMaxCompliance, LicVMISubscribersMax, LicVMISubscribersMaxCompliance, LicVoicePortsMax, LicVoicePortsMaxCompliance, SchemaBuild, SchemaMajorVersion, SchemaMinorVersion	AgcTargetDb, LastLicenseEvalTime, MaxContacts, OverallLicenseState, Smt-pSmartHost
tbl_MailboxMap		MailboxLoginType

Table	Columns Removed From CUC 2.1	Columns Added To CUC 2.1
tbl_MailboxStoreMap	Alias, RelativeURL	DbInstance, DialString, UseServiceCredentials
tbl_MediaPort	RtpWavDeviceId, SkinnyTSPDeviceIndex	SipSendPort
tbl_MediaPortGroup	AgcGainThreshold, AgcMinimumThreshold, AgcSampleSize, AgcUseCompression, BusyRecallSeq, CodecPreferenceG711u, CodecPreferenceG729, ConfirmReturnSeq, PauseDurationMs, SipG711Packetization, SipG729Packetization	PortNumMax
tbl_MediaPortGroupTemplate	Copy_BusyRecallSeq, Copy_CodecPreferenceG711u, Copy_CodecPreferenceG729, Copy_ConfirmReturnSeq, Copy_PauseDurationMs, Copy_SipG711Packetization, Copy_SipG729Packetization	Copy_PortNumMax
tbl_MediaSwitch		DefaultTRaPSwitch, EnablePhoneApplications, MwiForceOff
tbl_MessageAgingRule		AgingTimeType, Recent, Secure
tbl_RoutingRule	Condition, Target	CallType
tbl_SchemaInformation	DefaultObjectsPost, DefaultObjectsPre	IsCurrent
tbl_UserSubscriber	FirstSpeechTimeout	AnnounceUpcomingMeetings, ConfirmationConfidenceThreshold, EnableVisualMessageLocator, SendConv, SpeechConfidenceThreshold, SpeechSensitivity, SpeechSpeedVsAccuracy
tbl_WaveFormat		CodecId, JavaEncoding

9.2. View Schema Differences

Views In CUC 1.2 And Not In CUC 2.1:

vw_chk_MediaPort_RTPWavDeviceIDOutOfRange, vw_chk_MediaPort_SkinnyTSPDeviceIndexOutOfRange, vw_DistributionListMemberDisplay, vw_MediaPort_DeriveState, vw_MediaPort_DeriveState_SRMAware, vw_MediaPort_PortMemoryAssocCounts, vw_MediaPortGroup_PortMemoryAssocCounts, vw_MediaSwitch_PortMemoryAssocCounts, vw_MediaSwitch_ReferencesToCounts, vw_RoutingRuleParameter, vw_Subscriber_MediaSwitchAssoc, vw_VMSCertificate, vw_VMSRole, vw_VMSRoleDisplay, vw_VMSRoleTemplate, vw_VMSRoleTemplateDisplay, vw_VMSServerRole, vw_VMSServerRole_SRMRole, vw_VMSServerRole_SRMRoleDisplay, vw_VMSServerRoleDisplay

Views In CUC 2.1 And Not In CUC 1.2:

vw_chk_MediaPort_SIPSendPortOutOfRange, vw_chk_MediaPortGroup_NoCodecs, vw_chk_MediaPortGroup_NoMWIONOffCodes, vw_chk_MediaSwitch_NoDefaultTRaPSwitch, vw_ExternalService, vw_IpAddressAccessList, vw_IpAddressAccessList_Composite, vw_LanguageMap, vw_LicenseFileStatus, vw_LicenseStatus, vw_Location, vw_LocationVPIM, vw_LoggerJavaMapping, vw_MediaPort_HavingActivePortMemoryRefs, vw_MediaPortGroupCodec, vw_NotificationAllActiveDevices, vw_RoutingRuleCondition, vw_RtpCodecDef, vw_RtpCodecDefPacketSize, vw_SchemaInformation, vw_Service, vw_SmtpServer, vw_Subscriber_PrimaryDtmf, vw_Subscriber_VoiceFileName, vw_SubscriberExternalServiceMap, vw_SubscriberExternalServiceMapDetail

View Differences Between CUC 1.2 And CUC 2.1:

View	Columns Removed From CUC 2.1	Columns Added To CUC 2.1
vw_Alias		ObjectId
vw_AlternateName		DistributionListObjectId, LocationObjectId, PersonalGroupObjectId
vw_BroadcastMessage		StreamFile
vw_Callhandler		Recipient_ContactObjectId, SendSecureMsg
vw_CallhandlerNonPrimary		Recipient_ContactObjectId, SendSecureMsg
vw_CallhandlerPrimary		Recipient_ContactObjectId, SendSecureMsg
vw_CallhandlerPrimaryTemplate		Recipient_ContactObjectId, SendSecureMsg
vw_CallhandlerTemplate		Recipient_ContactObjectId, SendSecureMsg
vw_chk_MediaPortGroupIPPort_UnitySIPPortOutOfRange	IpPortReservationObjectId, MaxIPPort, MinIPPort	
vw_Configuration		ResetToDefaultOnUpgrade
vw_Contact	AmisDisableOutbound, RemoteMailAddress	CallHandlerObjectId, DeliveryLocationDtmfAccessId, DeliveryLocationObjectId, DisableOutbound, RemoteAddress, TransferEnabled, TransferExtension
vw_Cos		RequireSecureMessages
vw_Credential		EncryptionType, ObjectId

View	Columns Removed From CUC 2.1	Columns Added To CUC 2.1
vw_CredentialPolicy		ExpiryWarningDays
vw_DistributionList		AllowContacts, AllowForeignMessage
vw_DistributionListMember		AllowForeignMessage, MemberContactObjectId
vw_DistributionListMemberTemplate		AllowForeignMessage, MemberContactObjectId
vw_LicenseCount	CountAdvancedUserSubscribers, CountIMAPSubscribers, CountSubscribers, CountVMISubscribers, CountVoicePorts	ComplianceType, Count, Limit, TagName
vw_LocalVms	FlexLMData, LicAdvancedUserMax, LicAdvancedUserMaxCompliance, LicAdvancedUserSubscribersMax, LicenseState, LicensingSystemState, LicIMAPSubscribersMax, LicIMAPSubscribersMaxCompliance, LicRegionIsUnrestricted, LicSubscribersMax, LicSubscribersMaxCompliance, LicVMISubscribersMax, LicVMISubscribersMaxCompliance, LicVoicePortsMax, LicVoicePortsMaxCompliance, ObjectType, SchemaBuild, SchemaMajorVersion, SchemaMinorVersion	AgcTargetDb, LastLicenseEvalTime, MaxContacts, OverallLicenseState, Smt-pSmartHost, VoiceName
vw_LocationVMS	FlexLMData, LicAdvancedUserMax, LicAdvancedUserMaxCompliance, LicAdvancedUserSubscribersMax, LicenseState, LicensingSystemState, LicIMAPSubscribersMax, LicIMAPSubscribersMaxCompliance, LicRegionIsUnrestricted, LicSubscribersMax, LicSubscribersMaxCompliance, LicVMISubscribersMax, LicVMISubscribersMaxCompliance, LicVoicePortsMax, LicVoicePortsMaxCompliance, ObjectType, SchemaBuild, SchemaMajorVersion, SchemaMinorVersion	AgcTargetDb, LastLicenseEvalTime, MaxContacts, OverallLicenseState, Smt-pSmartHost, VoiceName
vw_Mailbox		MailboxLoginType
vw_MailboxMap		MailboxLoginType
vw_MailboxStoreMap	Alias, RelativeURL	DbInstance, DialString
vw_MediaPort	RtpWavDeviceId, SkinnyTSPDeviceIndex	SipSendPort
vw_MediaPortGroup	AgcGainThreshold, AgcMinimumThreshold, AgcSampleSize, AgcUseCompression, BusyRecallSeq, CodecPreferenceG711u, CodecPreferenceG729, ConfirmReturnSeq, PauseDurationMs, SipG711Packetization, SipG729Packetization	PortNumMax

View	Columns Removed From CUC 2.1	Columns Added To CUC 2.1
vw_MediaPortGroupTemplate	Copy_BusyRecallSeq, Copy_CodecPreferenceG711u, Copy_CodecPreferenceG729, Copy_ConfirmReturnSeq, Copy_PauseDurationMs, Copy_SipG711Packetization, Copy_SipG729Packetization	Copy_PortNumMax
vw_MediaSwitch		DefaultTRaPSwitch, EnablePhoneApplications, MwiForceOff
vw_MessageAgingRule		AgingTimeType, Recent, Secure
vw_PersonalVoiceMailListMember		MemberContactObjectId
vw_PersonalVoiceMailListMember Display		MemberContactObjectId
vw_RoutingRule	Condition, Target	CallType
vw_ScopeDistributionListMember		MemberContactObjectId
vw_Subscriber	FirstSpeechTimeout	AnnounceUpcomingMeetings, ConfirmationConfidenceThreshold, EnableVisualMessageLocator, SendConv, SpeechConfidenceThreshold, SpeechSensitivity, SpeechSpeedVsAccuracy
vw_SubscriberContact		CallHandlerObjectId, DeliveryLocationObjectId
vw_SubscriberTemplate	FirstSpeechTimeout	AnnounceUpcomingMeetings, ConfirmationConfidenceThreshold, EnableVisualMessageLocator, SendConv, SpeechConfidenceThreshold, SpeechSensitivity, SpeechSpeedVsAccuracy
vw_UserMailboxMap		DialString, MailboxLoginType, MailDbInstance
vw_UserPrimarySmtPAddress		MailDbInstance
vw_WaveFormat		CodecId, JavaEncoding

9.3. Stored Procedure Schema Differences

Stored Procedures In CUC 1.2 And Not In CUC 2.1:

csp_Authenticate, csp_AuthenticateWithoutExceptions, csp_CallhandlerCreate, csp_CallhandlerDelete, csp_ConfigurationCreate, csp_ConfigurationDelete, csp_LocalizedTextCreate, csp_LocationCreate, csp_LocationModify, csp_LoggerDiagnosticGridCreate, csp_LoggerDiagnosticGridDelete, csp_MediaPortGroupIPPort_GetNextAvailablePort, csp_MenuEntryDelete, csp_NotificationRuleDelete, csp_private_MediaPortGroupCreateFromTemplate, csp_private_StreamFileDelete, csp_private_UserCredentialHistoryCheck, csp_private_UserCredentialHistoryCreate, csp_SQLAdminValidate, csp_VMSCertificateCreate, csp_VMSCertificateDelete, csp_VMSRoleSetState, csp_VMSServerRoleCreate, csp_VMSServerRoleDelete, csp_VMSServerRoleModify, csp_WaveFormatCreate, csp_WaveFormatDelete, csp_WaveFormatModify, csp_WaveFormatSet

Stored Procedures In CUC 2.1 And Not In CUC 1.2:

csp_DomainNameModify, csp_ExternalServiceCreate, csp_ExternalServiceDelete, csp_ExternalServiceModify, csp_GetLastError, csp_GetObjectByAnyExtension, csp_IPAddressAccessListCreate, csp_IPAddressAccessListDelete, csp_IPAddressAccessListModify, csp_IPPortReservation_GetNextAvailablePort, csp_LicenseFileStatusCreate, csp_LicenseFileStatusDelete, csp_LicenseFileStatusModify, csp_LicenseStatusCreate, csp_LicenseStatusDelete, csp_LicenseStatusModify, csp_LocationVPIMCreate, csp_LocationVPIMDelete, csp_LocationVPIMModify, csp_LoggerDiagnosticGridReset, csp_MediaPortGroupCodecCreate, csp_MediaPortGroupCodecDelete, csp_MediaPortGroupCodecModify, csp_RoutingRuleConditionCreate, csp_RoutingRuleConditionDelete, csp_RoutingRuleConditionModify, csp_ServiceModify, csp_SmtpServerCreate, csp_SmtpServerDelete, csp_SmtpServerModify, csp_SubscriberExternalServiceMapCreate, csp_SubscriberExternalServiceMapDelete, csp_SubscriberExternalServiceMapModify, csp_TimeZoneLocalUtc_s, csp_TimeZoneServerUtc, csp_TimeZoneUtcLocal_s, csp_TimeZoneUtcServer, csp_TraceDisable, csp_TraceEnable, csp_VirtualContactCreate

Stored Procedure Differences Between CUC 1.2 And CUC 2.1:

Stored Procedure	Parameters Removed From CUC 2.1	Parameters Added To CUC 2.1
csp_AliasCreate		@ObjectId
csp_AliasDelete	@Alias, @LocationObjectId	@ObjectId
csp_AliasModify	@LocationObjectId	@ObjectId
csp_AlternateNameCreate		@DistributionListObjectId, @LocationObjectId, @PersonalGroupObjectId
csp_BroadcastMessageModify		@LastModificationSubscriberObjectId
csp_CallhandlerModify		@Recipient_ContactObjectId, @SendSecureMsg
csp_CallhandlerPrimaryTemplateModify		@Recipient_ContactObjectId, @SendSecureMsg
csp_CallhandlerTemplateCreate		@Recipient_ContactObjectId, @SendSecureMsg
csp_CallhandlerTemplateModify		@Recipient_ContactObjectId, @SendSecureMsg
csp_ContactCreate	@AmisDisableOutbound, @RemoteMailAddress	@AddToDefaultDistributionList, @CallHandlerTemplateObjectId, @DeliveryLocationObjectId, @DisableOutbound, @RemoteAddress, @TransferEnabled, @TransferExtension

Stored Procedure	Parameters Removed From CUC 2.1	Parameters Added To CUC 2.1
csp_ContactModify	@AmisDisableOutbound, @LocationObjectId, @RemoteMailAddress	@DeliveryLocationObjectId, @DisableOutbound, @RemoteAddress, @TransferEnabled, @TransferExtension
csp_CosCreate		@RequireSecureMessages
csp_CosModify		@RequireSecureMessages
csp_CredentialCreate		@EncryptionType
csp_CredentialModify		@EncryptionType, @HashedCredential
csp_CredentialPolicyCreate		@ExpiryWarningDays
csp_CredentialPolicyModify		@ExpiryWarningDays
csp_DistributionListCreate		@AllowContacts, @AllowForeignMessage
csp_DistributionListDelete		@AllowContacts, @AllowForeignMessage
csp_DistributionListMemberCreate		@MemberContactObjectId
csp_DistributionListModify		@AllowContacts, @AllowForeignMessage
csp_GreetingModify		@Expired
csp_LocationVMSCreate	@FlexLMData, @LicAdvancedUserMax, @LicAdvancedUserMaxCompliance, @LicenseState, @LicensingSystemState, @LicIMAPSubscribersMax, @LicIMAPSubscribersMaxCompliance, @LicRegionIsUnrestricted, @LicSubscribersMax, @LicSubscribersMaxCompliance, @LicVMISubscribersMax, @LicVMISubscribersMaxCompliance, @LicVoicePortsMax, @LicVoicePortsMaxCompliance, @SchemaBuild, @SchemaMajorVersion, @SchemaMinorVersion	@AgcTargetDb, @LastLicenseEvalTime, @MaxContacts, @OverallLicenseState, @SmtptSmartHost, @VoiceName
csp_LocationVMSModify	@FlexLMData, @LicAdvancedUserMax, @LicAdvancedUserMaxCompliance, @LicenseState, @LicensingSystemState, @LicIMAPSubscribersMax, @LicIMAPSubscribersMaxCompliance, @LicRegionIsUnrestricted, @LicSubscribersMax, @LicSubscribersMaxCompliance, @LicVMISubscribersMax, @LicVMISubscribersMaxCompliance, @LicVoicePortsMax, @LicVoicePortsMaxCompliance, @SchemaBuild, @SchemaMajorVersion, @SchemaMinorVersion	@AgcTargetDb, @LastLicenseEvalTime, @MaxContacts, @OverallLicenseState, @SmtptSmartHost, @VoiceName
csp_MailboxMapCreate		@MailboxLoginType
csp_MailboxMapModify		@MailboxLoginType
csp_MailboxModify		@MailboxLoginType
csp_MailboxStoreAttributesGet	@Path	
csp_MailboxStoreMapCreate	@Alias, @RelativeURL	@DbInstance, @DialString
csp_MailboxStoreMapModify	@Alias, @RelativeURL	@DbInstance, @DialString

Stored Procedure	Parameters Removed From CUC 2.1	Parameters Added To CUC 2.1
csp_MediaPortGroupCreate	@AgcGainThreshold, @AgcMinimumThreshold, @AgcSampleSize, @AgcUseCompression, @BusyRecallSeq, @CodecPreferenceG711u, @CodecPreferenceG729, @ConfirmReturnSeq, @PauseDurationMs, @SipG711Packetization, @SipG729Packetization	@PortNumMax
csp_MediaPortGroupModify	@AgcGainThreshold, @AgcMinimumThreshold, @AgcSampleSize, @AgcUseCompression, @BusyRecallSeq, @CodecPreferenceG711u, @CodecPreferenceG729, @ConfirmReturnSeq, @PauseDurationMs, @SipG711Packetization, @SipG729Packetization	@PortNumMax
csp_MediaPortGroupTemplateCreate	@Copy_BusyRecallSeq, @Copy_CodecPreferenceG711u, @Copy_CodecPreferenceG729, @Copy_ConfirmReturnSeq, @Copy_PauseDurationMs, @Copy_SipG711Packetization, @Copy_SipG729Packetization	@Copy_PortNumMax
csp_MediaPortGroupTemplateModify	@Copy_BusyRecallSeq, @Copy_CodecPreferenceG711u, @Copy_CodecPreferenceG729, @Copy_ConfirmReturnSeq, @Copy_PauseDurationMs, @Copy_SipG711Packetization, @Copy_SipG729Packetization	@Copy_PortNumMax
csp_MediaPortModify	@SkinnyDeviceCertificateChangeId, @SkinnyDevicePrivateKeyChangeId	
csp_MediaSwitchCreate		@DefaultTRaPSwitch, @EnablePhoneApplications, @MwiForceOff
csp_MediaSwitchModify		@DefaultTRaPSwitch, @EnablePhoneApplications, @MwiForceOff
csp_MessageAgingRuleCreate		@AgingTimeType, @Recent, @Secure
csp_MessageAgingRuleModify		@AgingTimeType, @Recent, @Secure
csp_PersonalVoiceMailListMemberCreate		@MemberContactObjectId
csp_RestrictionPatternDelete	@RestrictionTableObjectId, @SequenceNumber	
csp_RoutingRuleCreate	@Condition, @Target	@CallType
csp_RoutingRuleDelete		@CallType
csp_RoutingRuleModify	@Condition, @Target	@CallType

Stored Procedure	Parameters Removed From CUC 2.1	Parameters Added To CUC 2.1
csp_SubscriberCreate	@FirstSpeechTimeout	@AnnounceUpcomingMeetings, @ConfirmationConfidenceThreshold, @EnableVisualMessageLocator, @SendConv, @SpeechConfidenceThreshold, @SpeechSensitivity, @SpeechSpeedVsAccuracy
csp_SubscriberDelete		@ReplacementSubscriberObjectId
csp_SubscriberModify	@FirstSpeechTimeout, @LocationObjectId	@AnnounceUpcomingMeetings, @ConfirmationConfidenceThreshold, @EnableVisualMessageLocator, @SendConv, @SpeechConfidenceThreshold, @SpeechSensitivity, @SpeechSpeedVsAccuracy
csp_SubscriberTemplateCreate	@FirstSpeechTimeout	@AnnounceUpcomingMeetings, @ConfirmationConfidenceThreshold, @EnableVisualMessageLocator, @SendConv, @SpeechConfidenceThreshold, @SpeechSensitivity, @SpeechSpeedVsAccuracy
csp_SubscriberTemplateModify	@FirstSpeechTimeout, @LocationObjectId	@AnnounceUpcomingMeetings, @ConfirmationConfidenceThreshold, @EnableVisualMessageLocator, @SendConv, @SpeechConfidenceThreshold, @SpeechSensitivity, @SpeechSpeedVsAccuracy
csp_TransferOptionModify		@Expired
csp_UserModify	@LocationObjectId	
csp_UserTemplateModify	@LocationObjectId	

