



## Universal device template setup

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This chapter contains information to set up universal device templates.

- [About universal device template display preference setup, page 1](#)
- [Universal device template setup, page 2](#)

## About universal device template display preference setup

In Cisco Unified Communications Manager Administration, use the **User Management > User/Phone Add > Universal Device Template Display Preference** menu path to customize the layout of the **Universal Device Templates** window.

Use the **Universal Device Template Display Preference** window to configure a preferred and simplified layout for the **Universal Device Template** window. For ease of administrative use, you can rearrange the order of device-related sections as well as expand, hide, and collapse the sections that you do not use.



### Note

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You cannot rearrange sections that you require to set up new devices, such as Required and Frequently Entered Settings.

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On the Universal Device Template Display Preference window, you can use the action arrows to change the order and visibility of the following device settings:

- Service Configuration Settings
- Device Routing Settings
- Device Settings
- Required and Frequently Entered Settings (can collapse and reorder)
- Phone Settings
- Line Settings
- Protocol Settings
- Line Appearance Settings
- Phone Buttons Configuration

- IP Phone Services Subscription
- Security Settings
- Troubleshooting Settings
- Locale Settings
- Multilevel Precedence Preemption (MLPP) Settings
- Do Not Disturb (DND) Settings
- Extension Mobility Settings
- Automatic Alternate Routing (AAR) Settings

### Related Topics

[Universal device template setup, on page 2](#)

## Universal device template setup

In Cisco Unified Communications Manager Administration, use the **User Management > Quick User/Phone Add > Universal Device Templates** menu path to set up universal device templates (UDTs) that you can apply to any device, such as a phone, RDP, or EM Profile, that you create later.

UDTs are templates that you create to apply to any device. Administrators can view all device-related settings in one simple interface and apply these settings to any device. UDTs use tokens, which are variables in specific fields that fill in information (such as an employee name) automatically. These templates ease administrative tasks that relate to setting up users and devices and keep a range of device settings on one central, customizable interface.

### Universal device template settings



#### Note

The UDT sections in this window may appear in a different order than the following table indicates. To change the order of these settings, use the **User Management > Quick User/Phone Add > Universal Device Templates Display Preference** menu.



#### Note

To make the window easier to view, the template sections are collapsed by default. Expand sections that you need as you review the template setup process. Select the **Expand All** button on the bottom of the window to expand all sections. To customize the **Universal Device Templates window**, see [About universal device template display preference setup, on page 1](#)

This table describes the available settings in the Universal Device Templates window.

**Table 1: Universal device templates settings**

Field	Description
<b>Template Information</b>	
Name	Enter a name to identify this UDT.
<b>Required and Frequently Entered Settings</b>	
Description	<p>Enter the purpose of the UDT. You can enter the functional rule of a group of users or the key features enabled in the template. .</p> <p><b>Tip</b> You can click the pencil icon to place tokens in the description. Tokens are variables that are replaced with actual values, after you create this UDT. You can select the available elements from the list (such as User First Name). For example, the token "#Lastname#s desk phone" becomes "Smith's desk phone" for a user with the last name "Smith."</p> <p><b>Note</b> When you insert the device with this template, the element in the description is propagated based on the actual device or user information.</p>
Device Pool	Select the device pool for the UDT. The device pool defines sets of common characteristics for this UDT, such as region, date/time group, softkey template, and MLPP information.
Device Security Profile	<p>Choose the device security profile for the UDT. The security profile for the UDT is model and protocol independent.</p> <p><b>Note</b> You can only select a model-independent security profile for a UDT.</p> <p>To identify the settings that the profile contains, see the <b>System &gt; Security Profile &gt; Phone Security Profile</b> menu.</p> <p><b>Note</b> If you enable the security feature for a template, the security setting is applied to the phone inserted with this template only when the phone supports all of the following security features.</p> <ol style="list-style-type: none"> <li>1 Security Authentication</li> <li>2 Security Encryption</li> <li>3 File Encrypt</li> </ol> <p>Otherwise you insert the phone with the default non-secure security profile with the same model and device protocol of the inserted phone.</p> <p>For more information about how CAPF settings that you update in the phone configuration window affect security profile CAPF settings, see the <i>Cisco Unified Communications Manager Security Guide</i>.</p>

Field	Description
SIP Profile	Select the default SIP profile or a specific profile that was previously created. SIP profiles provide specific SIP information such as registration and keepalive timers, media ports, and Do Not Disturb control.
Phone Button Template	Select the appropriate phone button template for the UDT. The phone button template determines the behavior of buttons, and identifies which feature (such as line and speed dial) is used for each button.  <b>Note</b> You must select a phone button template before you can expand the Phone Button Configuration field. <b>Note</b> You can only assign universal phone button templates to a UDT.
<b>Phone Buttons Configuration</b>	
Use this section to view and change the settings for the universal phone button template. This section lists the configurable buttons for the phone button template that you select in the Phone Button Template field.  You can update a universal phone button template to add or remove features; add or remove lines and speed dials; or assign features, lines, and speed dials to different buttons on the phone that you add after you create the UDT. You can change the button labels in the default phone button templates, but you cannot change the function of the buttons in the default templates.  <b>Note</b> If you update a phone template, be sure to inform affected users of the changes.	
Line Appearance	
Directory Number	Select a directory number (DN) from the drop-down list box. After you create a device with this UDT, the DN will exist on the newly created device automatically.
Line Label	If left blank, this defaults to the line number. If you desire a different label for the line on the phone, you can enter it here.  <b>Tip</b> You can use tokens (pencil icon) to enter the line label.
Display (Caller ID)	Leave this field blank to have the system display the extension.  Use a maximum of 30 alphanumeric characters. Typically, use the username or the directory number (if using the directory number, the person receiving the call may not see the proper identity of the caller).  <b>Tip</b> You can use tokens (pencil icon) to enter the display.

Field	Description
Ring Setting When Phone is Idle *	<p>Use this field to set up the ring setting for this UDT for the line appearance when an incoming call is received and no other active calls exist on that device. Select one of the following options:</p> <ul style="list-style-type: none"> <li>• Use system default</li> <li>• Disable</li> <li>• Flash only</li> <li>• Ring once</li> <li>• Ring</li> </ul>
Ring Setting When Phone is in Use	<p>From the drop-down list box, select the ring setting that is used for this UDT when it has an active call on a different line. Select one of the following options:</p> <ul style="list-style-type: none"> <li>• Use system default</li> <li>• Disable</li> <li>• Flash only</li> <li>• Ring once</li> <li>• Ring</li> <li>• Beep only</li> </ul>
Visual Message Waiting Indicator Policy *	<p>Enter the external phone number (or mask) that is used to send Caller ID information for this UDT.</p> <p>You can enter a maximum of 24 number, the international escape character +, and "X" characters. The Xs represent the directory number and must appear at the end of the pattern. For example, if you specify a mask of 972813XXXX, an external call from extension 1234 displays a caller ID number of 9728131234.</p>
Audible Message Waiting Indicator Policy *	<p>Use this field to configure the ring setting for the line appearance when an incoming call is received and no other active calls exist on that device. Select one of the following options:</p> <ul style="list-style-type: none"> <li>• Use system default</li> <li>• Disable</li> <li>• Flash only</li> <li>• Ring once</li> <li>• Ring</li> </ul>

Field	Description
Recording Options *	<p>This field determines the recording option on the line appearance of an agent. The default recording option is Call Recording Disabled.</p> <p>Select one of the following options:</p> <p><b>Call Recording Disabled</b></p> <p>You cannot record call that you make on this line appearance.</p> <p><b>Selective Call Recording Enabled</b></p> <p>You can record calls that you make on this line appearance by using a softkey or programmable line key that is assigned to the device, a CTI-enabled application, or both interchangeably.</p> <p>Selective recording supports two modes:</p> <p><b>Silent recording</b></p> <p>Call recording status is not reflected on the Cisco IP device display. Silent recording is typically used in a call center environment to allow a supervisor to record an agent call. A CTI-enabled application running on the supervisor desktop is generally used to start and stop the recording for an agent-customer call.</p> <p><b>User recording</b></p> <p>User recording-Call recording status is reflected on the Cisco IP device display. You can start or stop a recording by using using a softkey, programmable line key, or CTI-enabled application running on the user desktop. To enable user recording, add the Record softkey or programmable line key to the UDT. Do not add the Record softkey if you only want silent recording.</p> <p>When the recording option is set to either Automatic Call Recording Enabled or Selective Call Recording Enabled, you can associate the line appearance with a recording profile.</p> <p>When automatic recording is enabled, start- and stop-recording requests using a softkey, programmable line key, or CTI-enabled application are rejected.</p>

Field	Description
Recording Profile	<p>This field determines the recording profile on the line appearance of an agent. Choose an existing recording profile from the drop-down list box. To create a recording profile, use the <b>Device &gt; Device Settings &gt; Recording Profile</b> menu option.</p> <p>The default value specifies None.</p>
Call Pickup Group Audio Alert Setting (Phone Active)	<p>This field determines the type of notification an incoming call sends to members of a call pickup group. If the called phone does not answer, the phones in the call pickup group that are busy will either hear a beep (beep beep) or hear nothing (disabled).</p> <p><b>Use System Default</b></p> <p>The setting of the Cisco CallManager service parameter Call Pickup Group Audio Alert Setting of Busy Station determine the value of this field.</p> <p><b>Disable</b></p> <p>No alert is sent to member of the call pickup group.</p> <p><b>Beep Only</b></p> <p>A beep beep is sent to members of the call pickup group.</p>
Call Pickup Group Audio Alert Setting (Phone Idle)	<p>This field determines the type of notification an incoming call sends to members of a call pickup group. If the called phone does not answer, the phones in the call pickup group that are idle will either hear a short ring (ring once) or hear nothing (disabled).</p> <p><b>Use System Default</b></p> <p>The setting of the Cisco CallManager service parameter Call Pickup Group Audio Alert Setting of Idle Station determines the value of this field.</p> <p><b>Disable</b></p> <p>No alert is sent to members of the call pickup group.</p> <p><b>Ring Once</b></p> <p>A short ring is sent to members of the call pickup group.</p>

Field	Description
Monitoring Calling Search Space	<p>The monitoring calling search space of the supervisor line appearance must include the agent line or device partition to allow monitoring the agent.</p> <p>Set the monitoring calling search space on the supervisor line appearance window. Choose an existing calling search space from the drop-down list box.</p> <p>The default value specifies None.</p>
SpeedDial	
(number from 1 to 199 in the left column)	This column identifies the speed-dial button (for example, 1, 2, 3, or 4) or the abbreviated-dial index for abbreviated dial.
Number	Enter the number that you want the system to dial when the user presses the speed-dial button. You can enter digits 0 through 9, *, #, and +, which is the international escape character. For a Pause in Speed Dial, you can enter comma (,) which can act as a delimiter as well as other pause before sending DTMF digits.
Label	<p>Enter the text that you want to display for the speed-dial button or abbreviated-dial number.</p> <p><b>Note</b> If you are configuring a Pause in Speed Dial, you must add a label so that FAC, CMC, and DTMF digits are not displayed on the phone screen.</p>
<p><b>BLF SpeedDial</b></p> <p>With the BLF Presence feature, a watcher can monitor the status of the presence entity (also called presentity). When you configure BLF/SpeedDial buttons, the presence entity appears as a speed dial on the device of the watcher.</p> <p>The following section describes the settings that you configure for BLF/SpeedDial buttons.</p>	



Field	Description
Destination	<p>Perform one of the following tasks to configure a SIP URI or a directory number as a BLF/SpeedDial button:</p> <ul style="list-style-type: none"> <li>• Only for phones that are running SIP, enter the SIP URI. For phones that are running SCCP, you cannot configure SIP URI as BLF/SpeedDial buttons.</li> <li>• For phones that are running either SCCP or SIP, enter a directory number in this field or go to the Directory Number drop-down list box. If you want to configure non-Unified CM directory numbers as BLF/SpeedDial buttons, enter the directory number in this field.</li> </ul> <p>For this field, enter only numerals, asterisks (*), and pound signs (#).</p> <p><b>Note</b> If you configure the Destination field, do not select an option from the Directory Number drop-down list box. If you select an option from the Directory Number drop-down list box after you configure the Destination, Unified CM deletes the Destination configuration.</p>
Directory Number	<p>The Directory Number drop-down list box displays a list of directory numbers that exist in the Unified CM database. Configure this setting only if you did not configure the Destination field.</p> <p>For a UDT that runs either SCCP or SIP, select the number (and corresponding partition, if it displays) that you want the system to dial when the user presses the speed-dial button; for example, 6002-Partition 3. Directory numbers that display without specific partitions belong to the default partition</p>
Label	<p>Enter the text that you want to display for the BLF/SpeedDial button.</p> <p>This field supports internationalization. If your phone does not support internationalization, the system uses the text that displays in the Label ASCII field.</p>
BLF Directed Call Park	
Directory Number	<p>The Directory Number drop-down list box displays a list of directory numbers that exist in the Unified CM database.</p> <p>For a UDT that runs either SCCP or SIP, select the number (and corresponding partition, if it appears) that you want the system to dial when the user presses the speed-dial button; for example, 6002 in 3. Directory numbers that appear without specific partitions belong to the default partition.</p>

Field	Description
Label	<p>Enter the text that you want to appear for the BLF/Directed Call Park button.</p> <p>This field supports internationalization. If your phone does not support internationalization, the system uses the text that appears in the Label ASCII field.</p>
Service URL	
Button Service	<p>Enter the name of the service. If the service is not marked as an enterprise subscription, the service name appears in areas where you can subscribe to a service; for example, under Unified CM User Options. Enter up to 32 characters for the service name.</p>
Label	<p>Enter the text that you want to appear for the Service URL button.</p>
<b>Device Settings</b>	
Device Name	<p>Enter a name to identify the device that uses this UDT.</p> <p>For device names that are not based on a MAC address, as a general rule, you can enter 1 to 15 characters comprised of alphanumeric characters (a-z, A-D, 0-9). In most cases, you can also enter dot (.), dash (-), and underscore (_).</p>
Owner User ID	<p>From the drop-down list box, select the user ID of the assigned device user. The default option is <b>Current Device Owner's User Id</b>, which specifies the device owner as the user who the devices are created for using this UDT. You can also select a user ID to own all devices created using this UDT.</p> <p><b>Tip</b> Assign the element that represents the user ID to the UDT to associate the UDT to the user or owner ID.</p>
Mobility User ID	<p>From the drop-down list box, select the user ID of the assigned mobility user. You can either select a user ID to own all devices created using this UDT, or select <b>Current Device Owner's User Id</b> to have the user who the devices are created for (using this UDT) as the owner of the device.</p> <p><b>Tip</b> Assign the element that represents the user ID to the UDT to associate the UDT to the user or owner ID.</p>

Field	Description
Join Across Lines	<p>From the drop-down list box, enable or disable the Join Across Lines feature or select Default to use the service parameter setting.</p> <p><b>Off</b></p> <p>This setting disables the Join Across Lines feature.</p> <p><b>On</b></p> <p>This setting enables the Join Across Lines feature.</p> <p><b>Default</b></p> <p>This setting uses the Join Across Lines setting that is in the service parameter.</p>
Always Use Prime Line	<p>From the drop-down list box, choose one of the following options:</p> <p><b>Off</b></p> <p>When a device is idle and receives a call on any line, a user answers the call from the line on which the call is received.</p> <p><b>On</b></p> <p>When a device is idle (off hook) and receives a call on any line, the primary line is chosen for the call. Calls on other lines continue to ring, and the user must select those other lines to answer these calls.</p> <p><b>Default</b></p> <p>Unified CM uses the configuration from the Always Use Prime Line service parameter, which supports the Cisco CallManager service.</p>

Field	Description
Always Use Prime Line for Voice Message	<p>From the drop-down list box, choose one of the following options:</p> <p><b>On</b></p> <p>If a device is idle, the primary line becomes the active line for retrieving voice messages when a user presses the Messages button.</p> <p><b>Off</b></p> <p>If a device is idle, pressing the Messages button automatically dials the voice-messaging system from the line that has a voice message. Unified CM always selects the first line that has a voice message. If no line has a voice message, the primary line gets used when a user presses the Messages button.</p> <p><b>Default</b></p> <p>Unified CM uses the configuration from the Always Use Prime Line for Voice Message service parameter, which supports the Cisco CallManager service.</p>
Single Button Barge	<p>From the drop-down list box, enable or disable the Single Button Barge/cBarge feature for this UDT or choose Default to use the service parameter setting.</p> <p><b>Off</b></p> <p>This setting disables the Single Button Barge/cBarge feature; however, the regular Barge or cBarge features still work.</p> <p><b>Barge</b></p> <p>This setting enables the Single Button Barge feature.</p> <p><b>CBarge</b></p> <p>This setting enables the Single Button cBarge feature.</p> <p><b>Default</b></p> <p>Uses the Single Button Barge/cBarge setting that is in the service parameter.</p> <p>For more information, see “Barge and Privacy” in the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>

Field	Description
Privacy	<p>For privacy on this UDT, select <b>On</b> in the Privacy drop-down list box.</p> <p>For more configuration information, see “Barge and Privacy” in the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Built in Bridge	<p>Enables or disables the built-in conference bridge for the barge feature (select <b>On</b>, <b>Off</b>, or <b>Default</b>).</p> <p>For more information, see “Barge and Privacy” in the <i>Cisco Unified Communications Manager Features and Services Guide</i> and the <i>Cisco Unified Communications Manager Security Guide</i>.</p>
Allow Control of Device from CTI	<p>Check this check box to allow CTI to control and monitor this UDT.</p> <p>If the associated directory number specifies a shared line, you should check the check box as long as at least one associated device specifies a combination of device type and protocol that CTI supports.</p>
Hotline Device	<p>Check this check box to enable Hotline device for this UDT. Hotline devices can only connect to other Hotline devices. This feature is an extension of PLAR, which configures a device to automatically dial one directory number when it goes off-hook. Hotline provides additional restrictions that you can apply to devices that use PLAR.</p> <p>To implement Hotline, you must also create a softkey template without supplementary service softkeys, and apply it to the Hotline device.</p>
Logged into Hunt Group	<p>This check box indicates that this UDT is currently signed in to a hunt list (group). When this UDT is added to a hunt list, the administrator can sign the user in or out by checking or unchecking this check box.</p> <p>Users use the softkey on a device to sign in or out of the hunt list.</p>

Field	Description
Retry Video Call as Audio	<p>This check box applies only to video endpoints that receive a call. If devices using this UDT receive a call that does not connect as video, the call tries to connect as an audio call.</p> <p>By default, the system checks this check box to specify that devices on this UDT should immediately retry a video call as an audio call (if it cannot connect as a video call) prior to sending the call to call control for rerouting.</p> <p>If you uncheck this check box, a video call that fails to connect as video does not try to establish as an audio call. The call then fails to call control, and call control routes the call via Automatic Alternate Routing (AAR), route list, or hunt list.</p>
Ignore Presentation Indicators (internal calls only)	<p>Check this check box to configure call display restrictions on a call-by-call basis. When this check box is checked, Unified CM ignores any presentation restriction that is received for internal calls.</p> <p>Use this configuration in combination with the calling line ID presentation and connected line ID presentation configuration at the translation pattern level. Together, these settings allow you to configure call display restrictions to selectively present or block calling and connected line display information for each call.</p> <p>For more information about call display restrictions, see the “Call Display Restrictions” chapter in the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Enable Extension Mobility	Check this check box if to allow this UDT to support extension mobility.
Require Off-Premise Location	<p>Check this check box if the device inserted with this template requires off-premise location update upon the registration. Off-premise location update is required when the device location cannot be detected automatically by Cisco Emergency Responder.</p> <p>Check this check box only for the template that remote or mobile devices use, which have frequent location change.</p>
<b>Device Routing</b>	
SIP Dial Rules	<p>If required, select the appropriate SIP dial rule. SIP dial rules provide local dial plans for this UDT, so users do not have to press a key or wait for a timer before the call is processed.</p> <p>Leave the SIP Dial Rules field set to <b>None</b> if you do not want dial rules to apply to this UDT. This means that the user must use the dial softkey or wait for the timer to expire before the call gets processed.</p>

Field	Description
Calling Search Space	<p>From the drop-down list box, select the appropriate calling search space (CSS). A CSS comprises a collection of partitions that are searched to determine how a dialed number should be routed. The calling search space for this UDT and the calling search space for the directory number are used together. The directory number CSS takes precedence over the device CSS.</p> <p>For more information, see “Partitions and Calling Search Spaces” in the <i>Cisco Unified Communications Manager System Guide</i>.</p>
Calling Party Transformation CSS for Inbound Calls	<p>This setting allows you to localize the calling party number on this UDT for inbound calls. Make sure that the Calling Party Transformation CSS that you select contains the calling party transformation pattern that you want to assign to this UDT.</p> <p><b>Tip</b> Before the call occurs, the device must apply the transformation by using digit analysis. If you configure the Calling Party Transformation CSS for Inbound Calls as None, the transformation does not match and is not applied. Ensure that you configure the Calling Party Transformation Pattern in a non-null partition that is not used for routing.</p>
Calling Party Transformation CSS for Outbound Calls	<p>This setting allows you to localize the calling party number on this UDT for outbound calls. Make sure that the Calling Party Transformation CSS that you choose contains the calling party transformation pattern that you want to assign to this UDT.</p> <p><b>Tip</b> Before the call occurs, the UDT must apply the transformation by using digit analysis. If you configure the Calling Party Transformation CSS for Outbound Calls as None, the transformation does not match and is not applied. Ensure that you configure the Calling Party Transformation Pattern in a non-null partition that is not used for routing.</p>
Rerouting Calling Search Space	<p>From the drop-down list box, select a calling search space to use for rerouting.</p> <p>The rerouting calling search space of the referrer is used to find the route to the refer-to target. When the Refer fails due to the rerouting calling search space, the Refer Primitive rejects the request with the 405 Method Not Allowed message.</p> <p>The redirection (3xx) primitive and transfer feature also uses the rerouting calling search space to find the redirect-to or transfer-to target.</p>

Field	Description
SUBSCRIBE Calling Search Space	<p>Supported with the BLF Presence feature, the SUBSCRIBE calling search space determines how Unified CM routes BLF presence requests that come from this UDT. This setting allows you to apply a calling search space separate from the call-processing search space for presence (SUBSCRIBE) requests for the UDT.</p> <p>From the drop-down list box, select the SUBSCRIBE calling search space to use for BLF presence requests for this UDT. All calling search spaces that you configure in Unified CM Administration appear in the SUBSCRIBE Calling Search Space drop-down list box.</p> <p>If you do not select a different calling search space for the end user from the drop-down list, the SUBSCRIBE calling search space defaults to None.</p>
Use Device Pool Calling Party Transformation CSS for Inbound Calls	<p>To use the Calling Party Transformation CSS that is configured in the device pool that is assigned to this UDT, check this check box. If you do not check this check box, this UDT uses the Calling Party Transformation CSS setting for inbound calls.</p>
Use Device Pool Calling Party Transformation CSS for Outbound Calls	<p>To use the Calling Party Transformation CSS that is configured in the device pool that is assigned to this UDT, select this check box. If you do not select this check box, the UDT uses the Calling Party Transformation CSS for outbound calls that you selected in the Phone Configuration window.</p>
<b>Phone Settings</b>	
Common Profile	<p>From the drop-down list box, select a common phone profile from the list of available common phone profiles.</p> <p>Select View Details for specific details about each common phone profile.</p>
Common Device Configuration	<p>From the drop-down list box, you can select a common device configuration that was configured in the Common Device Configuration window.</p> <p>Select View Details for specific details about each common device configuration.</p>
Softkey Template	<p>From the drop-down list box, select a softkey template.</p> <p>Leave the softkey template set to &lt;None&gt; to use the softkey template configured in the assigned Common Phone Profile.</p>



Field	Description
Feature Control Policy	<p>From the drop-down list box, select a feature control policy that has already been configured in the Feature Control Policy configuration window (<b>Device &gt; Device Settings &gt; Feature Control Policy</b>)</p> <p>Leave the softkey template set to &lt;None&gt; to use the feature control policy configured in assigned Common Phone Profile.</p>
Phone Personalization	<p>The Phone Personalization setting allows you to enable this UDT so that it works with Phone Designer. Phone designer is a Cisco Unified Communications widget that allows a user to customize the wallpaper and ring tones on a device.</p> <p>From the Phone Personalization drop-down list box, select one of the following options:</p> <p><b>Disabled</b></p> <p>The user cannot customize this UDT by using Phone Designer.</p> <p><b>Enabled</b></p> <p>The user can use Phone Designer to customize this UDT.</p> <p><b>Default</b></p> <p>This UDT uses the configuration from the Phone Personalization enterprise parameter.</p> <p><b>Note</b> You must install and configure Phone Designer, so a user can customize the device.</p>
<b>Protocol Settings</b>	
MTP Preferred Originating Codec	<p>From the drop-down list box, select the codec to use if a media termination point is required for SIP calls.</p>
Digest User	<p>Select an end user that you want to associate with this UDT for this setting that is used with digest authentication (SIP security).</p> <p><b>Note</b> Ensure that you configured digest credentials for the user that you choose, as specified in the End User setting window.</p> <p>After you save the UDT and apply the setup update to the device, the digest credentials for the user is added to the phone configuration file.</p> <p>For more information about digest authentication, see the <i>Cisco Unified Communications Manager Security Guide</i>.</p>

Field	Description
Outbound Call Rollover	<p>Use this setting if you are creating this UDT for a Cisco Unified IP Phone 7931.</p> <p><b>No Rollover</b></p> <p>Conference and transfer do not work in this mode. If a user attempts to use either of these features, the phone status displays as Error Pass Limit.</p> <p><b>Note</b> Choose this setting only if you need to support CTI applications.</p> <p><b>Rollover Within Same DN</b></p> <p>Conferences and call transfers complete by using the same directory number (on different lines). For example, consider a phone that has directory number 1506 that is assigned to both Line 6 and 7. The user has an active call on Line 6 and decides to transfer the call. When the user presses the Transfer button, the call on Line 6 gets placed on hold, and a new call initiates on Line 7 to complete the transfer.</p> <p><b>Rollover to any line</b></p> <p>Conferences and call transfers complete by using a different directory number and line than the original call. For example, consider a phone that has directory number 1507 assigned to Line 8 and directory number 1508 assigned to Line 9. The user has an active call on Line 8 and decides to transfer the call. When the user presses the Transfer button, the call on Line 8 is placed on hold, and a new call initiates on Line 9 to complete the transfer.</p>
Media Termination Point Required	<p>Check this check box if you want to use an MTP to implement features that H.323 does not support (such as hold and transfer). Uncheck this check box if you do not want to use an MTP to implement features.</p> <p><b>Note</b> Check this check box only for H.323 clients and those H.323 devices that do not support the H.245 empty capabilities set or if you want media streaming to terminate through a single source.</p> <p>If you check this check box to require an MTP and a device becomes the endpoint of a video call, the call will be audio only.</p>
Unattended Port	Check this check box to indicate an unattended port on this UDT.

Field	Description
Require DTMF Reception	<p>Check this check box to require DTMF reception for this UDT.</p> <p><b>Note</b> In configuring Cisco Unified Mobility features, when using intercluster DNSs as remote destinations for an IP phone via SIP trunk (either intercluster trunk [ICT] or gateway), check this check box so that DTMF digits can be received out of band, which is crucial for Enterprise Feature Access midcall features.</p>
<b>IP Phone Services Subscription</b>	
<p>Select the <b>Subscribe</b> button and select the service. If the service is not marked as an enterprise subscription, the service name appears in areas where you can subscribe to a service. Enter up to 32 characters for the service name.</p> <p>For Java MIDlet services, the service name must exactly match the name that is defined in the Java Application Descriptor (JAD) file.</p> <p><b>Note</b> You must configure IP Phone services and save them before you can configure Service URL Buttons.</p> <p><b>Note</b> Unified CM allows you to create two or more IP phone services with identical names. Cisco recommends that you do not do so unless most or all phone users are advanced, or unless an administrator always configures the IP phone services. Be aware that if AXL or any third-party tool accesses the list of IP phone services for configuration, you must use unique names for IP phone services.</p>	
<b>Security Settings</b>	
General Security Settings	

Field	Description
Use Trusted Relay Point	<p>From the drop-down list box, enable or disable whether Unified CM inserts a trusted relay point (TRP) device with this media endpoint. Select one of the following values:</p> <p><b>Default</b></p> <p>If you select this value, the UDT uses the Use Trusted Relay Point setting from the common device configuration.</p> <p><b>Off</b></p> <p>Select this value to disable the use of a TRP with this UDT. This setting overrides the Use Trusted Relay Point setting in the common device configuration.</p> <p><b>On</b></p> <p>Select this value to enable the use of a TRP with this UDT. This setting overrides the Use Trusted Relay Point setting in the common device configuration.</p> <p>A Trusted Relay Point (TRP) device designates an MTP or transcoder device that is labeled as Trusted Relay Point.</p> <p>Unified CM places the TRP closest to the associated endpoint device if more than one resource is needed for the endpoint (for example, a transcoder or RSVPAgent).</p> <p>If both TRP and MTP are required for the endpoint, TRP is used as the required MTP. For information about call behavior, see “TRP Insertion in Cisco Unified Communications Manager” in the <i>Cisco Unified Communications Manager System Guide</i>.</p> <p>If both TRP and RSVPAgent are needed for the endpoint, Unified CM first tries to find an RSVPAgent that can also be used as a TRP.</p> <p>If both TRP and transcoder are needed for the endpoint, Unified CM first tries to find a transcoder that is also designated as a TRP.</p> <p>For more information about network virtualization and trusted relay points, see the Trusted Relay Point section and its subtopics in the “Media Resource Management” chapter of the <i>Cisco Unified Communications Manager System Guide</i>.</p>

Field	Description
Protected Device	<p>Check this check box to designate this UDT as protected, which enables a device to play a 2-second tone to notify the user when a call is encrypted and both devices are configured as protected. The tone plays for both parties when the call is answered. The tone does not play unless both devices are protected and the call occurs over encrypted media.</p> <p>This setting represents only one of several configuration requirements for the secure indication tone to play. For more information about the secure indication tone feature and the configuration requirements, see the <i>Cisco Unified Communications Manager Security Guide</i>.</p> <p><b>Note</b> If you check this check box and the system determines that the call is not encrypted, a device plays an indication tone to alert the user that the call is not protected.</p>
Certificate Authority Proxy Function (CAPF) Settings	

Field	Description
Authentication Mode	<p>This field allows you to choose the authentication method that this UDT uses during the CAPF certificate operation.</p> <p>From the drop-down list box, select one of the following options:</p> <p><b>By Authentication String</b></p> <p>Installs/upgrades, deletes, or troubleshoots a locally significant certificate only when the user enters the CAPF authentication string on the UDT.</p> <p><b>By Null String</b></p> <p>Installs/upgrades, deletes, or troubleshoots a locally significant certificate without user intervention.</p> <p><b>Note</b> This option provides no security; Cisco strongly recommends that you choose this option only for closed, secure environments.</p> <p><b>By Existing Certificate (Precedence to LSC)</b></p> <p>Installs/upgrades, deletes, or troubleshoots a locally significant certificate if a manufacture-installed certificate (MIC) or locally significant certificate (LSC) exists in the UDT. If a LSC exists in the UDT, authentication occurs via the LSC, regardless of whether a MIC exists in the UDT. If a MIC and LSC exist in the UDT, authentication occurs via the LSC. If a LSC does not exist in the UDT, but a MIC does exist, authentication occurs via the MIC.</p> <p>At any time, the UDT uses only one certificate to authenticate to CAPF even though a MIC and LSC can exist in the UDT at the same time. If the primary certificate, which takes precedence, becomes compromised for any reason, or, if you want to authenticate via the other certificate, you must update the authentication mode.</p> <p><b>By Existing Certificate (Precedence to MIC)</b></p> <p>Installs, upgrades, deletes, or troubleshoots a locally significant certificate if a LSC or MIC exists in the UDT. If a MIC exists in the UDT, authentication occurs via the MIC, regardless of whether a LSC exists in the UDT. If a LSC exists in the UDT, but a MIC does not exist, authentication occurs via the LSC.</p> <p><b>Note</b> The CAPF settings that are configured in the Phone Security Profile window interact with the CAPF parameters that are configured in the Phone Configuration window.</p>

Field	Description
Authentication String	<p>If you select the By Authentication String option in the Authentication Mode drop-down list box, this field applies. Manually enter a string or select the <b>Generate String</b> button to generate a string.</p> <p><b>Note</b> Ensure that the string contains 4 to 10 digits.</p> <p>To install, upgrade, delete, or troubleshoot a locally significant certificate, a user or administrator must enter the authentication string on a device.</p>
Key Size (Bits)	<p>For this setting that is used for CAPF, select the key size for the certificate from the drop-down list box. The default setting equals 1024. Other options include 512 and 2048.</p> <p><b>Note</b> If you select a higher key size than the default setting, the UDT takes longer to generate the entropy that is required to generate the keys. Key generation, which is set at low priority, allows the UDT to function while the action occurs. Key generation takes up to 30 or more minutes to complete.</p> <p><b>Note</b> The CAPF settings that are configured in the Phone Security Profile window interact with the CAPF parameters that are configured in the Phone Configuration window.</p>
<b>Service Configuration Settings</b>	
Information	<p>Enter the location (URL) of the help text for the information button.</p> <p>Leave this field blank to accept the default setting.</p>
Directory	<p>Enter the server from which the UDT obtains directory information.</p> <p>Leave this field blank to accept the default setting.</p>
Messages	<p>Leave this field blank (not used by Unified CM).</p>
Services	<p>Enter the location (URL) for IP phone services.</p>
Authentication Server	<p>Enter the URL that the UDT uses to validate requests that are made to the web server. If you do not provide an authentication URL, the advanced features for UDT that require authentication do not function.</p> <p>By default, this URL accesses a Unified CM User Options window that was configured during installation.</p> <p>Leave this field blank to accept the default setting.</p>

Field	Description
Proxy Server	<p>Enter the host and port (for example, proxy.cisco.com:80) that are used to proxy HTTP requests for access to non-local host addresses from the HTTP client.</p> <p>The rule contains two parts for when to use the proxy server parameter:</p> <ul style="list-style-type: none"> <li>• The hostname contains a "."</li> <li>• The hostname specifies an IP address in any form.</li> </ul> <p>If you do not configure this URL, the UDT attempts to connect directly to the URL.</p> <p>To accept the default setting, leave this field blank.</p>
Idle	<p>Enter the URL that appears on the display when the UDT device is not used for the time that is specified in Idle Timer field. For example, you can display a logo on the LCD when the UDT device is not used for 5 minutes.</p> <p>To accept the default setting, leave this field blank.</p>
Idle Timer (seconds)	<p>Enter the time (in seconds) that you want to elapse before the URL that is specified in the Idle field appears.</p> <p>To accept the value of the Idle URL Timer enterprise parameter, leave this field blank.</p>
Secure Authentication URL	<p>Enter the secure URL that the UDT device uses to validate requests that are made to the web server.</p> <p><b>Note</b> If you do not provide a Secure Authentication URL, a device uses the nonsecure URL. If you provide both a secure URL and a nonsecure URL, a device chooses the appropriate URL, based on its capabilities.</p> <p>By default, this URL accesses a Unified CM User Options window that was configured during installation.</p> <p>Leave this field blank to accept the default setting.</p> <p>Maximum length: 255</p>
Secure Directory URL	<p>Enter the secure URL for the server from which the UDT obtains directory information. This parameter specifies the URL that this UDT uses when you press the Directory button.</p> <p><b>Note</b> If you do not provide a Secure Directory URL, a device uses the nonsecure URL. If you provide both a secure URL and a nonsecure URL, a device chooses the appropriate URL, based on its capabilities.</p> <p>Leave this field blank to accept the default setting.</p> <p>Maximum length: 255</p>



Field	Description
Secure Idle URL	<p>Enter the secure URL for the information that appears on the display when this UDT is idle, as specified in Idle Timer field. For example, you can display a logo on the LCD when the UDT is not used for 5 minutes.</p> <p><b>Note</b> If you do not provide a Secure Idle URL, a device uses the nonsecure URL. If you provide both a secure URL and a nonsecure URL, a device chooses the appropriate URL, based on its capabilities.</p> <p>To accept the default setting, leave this field blank.</p> <p>Maximum length: 255</p>
Secure Information URL	<p>Enter the secure URL for the server location where the UDT can find help text information. This information appears when the user presses the information (I) button or the question mark (?) button.</p> <p><b>Note</b> If you do not provide a Secure Information URL, this UDT uses the nonsecure URL. If you provide both a secure URL and a nonsecure URL, this UDT selects the appropriate URL, based on its capabilities.</p> <p>To accept the default setting, leave this field blank.</p> <p>Maximum length: 255</p>
Secure Messages URL	<p>Enter the secure URL for the messages server. This UDT contacts this URL when the user presses the Messages button.</p> <p><b>Note</b> If you do not provide a Secure Messages URL, a device uses the nonsecure URL. If you provide both a secure URL and a nonsecure URL, a device chooses the appropriate URL, based on its capabilities.</p> <p>To accept the default setting, leave this field blank.</p> <p>Maximum length: 255</p>
Secure Services URL	<p>Enter the secure URL for Cisco Unified IP Phone services. The Secure Services URL is the location that the UDT contacts when the user presses the Services button.</p> <p><b>Note</b> If you do not provide a Secure Services URL, a device uses the nonsecure URL. If you provide both a secure URL and a nonsecure URL, a device chooses the appropriate URL, based on its capabilities.</p> <p>To accept the default setting, leave this field blank.</p> <p>Maximum length: 255</p>

Field	Description
Services Provisioning	<p>From the drop-down list box, select how the UDT supports the services:</p> <p><b>Internal</b></p> <p>The UDT uses the phone configuration file to support the service.</p> <p>Select this option or Both for Cisco-provided default services where the Service URL was not updated; that is, the service URL indicates Application:Cisco/&lt;name of service&gt;; for example, Application:Cisco/CorporateDirectory.</p> <p>Select Internal or Both for Cisco-signed Java MIDlets because Cisco-signed Java MIDlets are provisioned in the configuration file.</p> <p><b>External URL</b></p> <p>Selecting External URL indicates that the UDT ignores the services in the phone configuration file and retrieves the services from a Service URL.</p> <p>If you configure a custom Service URL for a service, including a Cisco-provided default service, you must choose either External URL or Both; if you choose Internal in this case, the services that are associated with the custom URLs do not work on the UDT.</p> <p><b>Both</b></p> <p>Selecting Both indicates that the UDT supports both the services that are defined in the configuration file and external applications that are retrieved from service URLs.</p>
<b>Troubleshooting Settings</b>	

Field	Description
Packet Capture Mode	<p>This setting exists for troubleshooting encryption only; packet capturing may cause high CPU usage or call-processing interruptions. Choose one of the following options from the drop-down list box:</p> <p><b>None</b></p> <p>This option, which serves as the default setting, indicates that no packet capturing is occurring. After you complete packet capturing, configure this setting.</p> <p><b>Batch Processing Mode</b></p> <p>Unified CM writes the decrypted or nonencrypted messages to a file, and the system encrypts each file. The system creates a new file daily with a new encryption key. Unified CM, which stores the file for seven days, also stores the keys that encrypt the file in a secure location. Unified CM stores the file in the PktCap virtual directory. A single file contains the time stamp, source IP address, source IP port, destination IP address, packet protocol, message length, and the message. The TAC debugging tool uses HTTPS, administrator username and password, and the specified day to request a single encrypted file that contains the captured packets. Likewise, the tool requests the key information to decrypt the encrypted file.</p> <p>For more information about packet capturing, see the <i>Troubleshooting Guide for Cisco Unified Communications Manager</i>.</p>
Packet Capture Duration	<p>This setting exists for troubleshooting encryption only; packet capturing may cause high CPU usage or call-processing interruptions.</p> <p>This field specifies the maximum number of minutes that is allotted for one session of packet capturing. The default setting equals 0, although the range exists from 0 to 300 minutes.</p> <p>To initiate packet capturing, enter a value other than 0 in the field. After packet capturing completes, the value, 0, appears.</p> <p>For more information about packet capturing, see the <i>Cisco Unified Communications Manager Troubleshooting Guide</i>.</p>

Field	Description
Secure Shell User	<p>Enter a user ID for the secure shell user. You can enter any alphanumeric or special characters up to 50 characters. Invalid characters include ", %, &amp;, &lt;, &gt;, and \. This field appears when the UDT supports SSH access.</p> <p>Cisco Technical Assistance Center (TAC) uses secure shell for troubleshooting and debugging. Contact TAC for further assistance.</p> <p>For more information about how to configure encrypted phone configuration files to ensure that the Unified CM does not send unencrypted SSH credentials to the UDT device, see the <i>Cisco Unified Communications Manager Security Guide</i>.</p>
Secure Shell Password	<p>Enter the password for a secure shell user. You can enter any alphanumeric or special characters up to 200 characters. Invalid characters include ", %, &amp;, &lt;, &gt;, and \. Contact TAC for further assistance.</p> <p>For more information about configuring encrypted phone files to ensure that Unified CM does not send unencrypted SSH passwords to the UDT device, see the <i>Cisco Unified Communications Manager Security Guide</i>.</p>
<b>Locale Settings</b>	
User Locale	<p>From the drop-down list box, select the locale that is associated with the UDT. The user locale identifies a set of detailed information to support users, including language and font.</p> <p><b>Note</b> If no user locale is specified, Unified CM uses the user locale that is associated with the device pool.</p> <p><b>Note</b> If the users require that information appear in any language other than English, verify that the locale installer is installed before you configure the user locale. See the Unified CM Locale Installer documentation.</p>
Network Locale	<p>From the drop-down list box, select the locale that is associated with the UDT. The network locale contains a definition of the tones and cadences that the UDT in a specific geographic area uses.</p> <p><b>Note</b> If no network locale is specified, Unified CM uses the network locale that is associated with the device pool.</p> <p><b>Note</b> If users require that country-specific tones be played, verify that the locale is installed before you configure the network locale. See the Unified CM Locale Installer documentation.</p>
<b>Multilevel Precedence Preemption (MLPP) Settings</b>	

Field	Description
MLPP Domain	<p>Select an MLPP domain from the drop-down list box for the MLPP domain that is associated with this UDT. If you leave the <b>None</b> value, devices with this UDT inherit the MLPP domain from the value that was set for the device pool. If the device pool does not have an MLPP domain setting, this UDT inherits its MLPP domain from the value that was set for the MLPP Domain Identifier enterprise parameter.</p>
MLPP Indication	<p>If available, this setting specifies whether a device that can play precedence tones uses the capability when it places an MLPP precedence call.</p> <p>From the drop-down list box, select a setting to assign to this UDT from the following options:</p> <p><b>Default</b></p> <p>This UDT inherits its MLPP indication setting from its device pool.</p> <p><b>Off</b></p> <p>This UDT does not handle nor process indication of an MLPP precedence call.</p> <p><b>On</b></p> <p>This UDT does handle and process indication of an MLPP precedence call.</p> <p><b>Note</b> Do not configure a UDT with the following combination of settings: MLPP Indication is set to <b>Off</b> or <b>Default</b> (when default is <b>Off</b>) while MLPP Preemption is set to <b>Forceful</b>.</p> <p><b>Note</b> Turning on MLPP Indication (at the enterprise parameter, device pool, or device level) disables normal Ring Setting behavior for the lines on a device, unless MLPP Indication is turned off (overridden) for the UDT.</p>

Field	Description
MLPP Preemption	<p>If available, this setting specifies whether this UDT that can preempt calls in progress uses the capability when it places an MLPP precedence call.</p> <p>From the drop-down list box, select a setting to assign to this UDT from the following options:</p> <p><b>Default</b></p> <p>This UDT inherits its MLPP preemption setting from its device pool.</p> <p><b>Disabled</b></p> <p>This UDT does not allow preemption of lower precedence calls to take place when necessary for completion of higher precedence calls.</p> <p><b>Forceful</b></p> <p>This UDT allows preemption of lower precedence calls to take place when necessary for completion of higher precedence calls.</p> <p><b>Note</b> Do not configure a UDT with the following combination of settings: MLPP Indication is set to <b>Off</b> or <b>Default</b> (when default is <b>Off</b>) while MLPP Preemption is set to <b>Forceful</b>.</p>
<b>Do Not Disturb (DND) Settings</b>	
Do Not Disturb	Check this check box to enable Do Not Disturb (DND) for this UDT.

Field	Description
DND Option	<p>When you enable DND on the UDT, this parameter allows you to specify how the DND features handle incoming calls:</p> <p><b>Call Reject</b></p> <p>This option specifies that no incoming call information is presented to the user. Depending on how you configure the DND Incoming Call Alert parameter, the UDT may play a beep or display a flash notification of the call.</p> <p><b>Ringer Off</b></p> <p>This option turns off the ringer, but incoming call information gets presented to the UDT, so the user can accept the call.</p> <p><b>Use Common Phone Profile Setting</b></p> <p>This option specifies that the device on the UDT uses the DND Option setting from the Common Phone Profile window.</p> <p><b>Note</b> For 7940 and 7960 phones that are running SCCP, you can only choose the Ringer Off option. For mobile devices and dual-mode phones, you can only choose the Call Reject option. When you activate DND Call Reject on a mobile device or dual-mode phone, no call information is presented to the device.</p>

Field	Description
DND Incoming Call Alert	<p>When you enable the DND Ringer Off or Call Reject option, this parameter specifies how a call appears on a device.</p> <p>From the drop-down list, select one of the following options:</p> <p><b>None</b></p> <p>This option specifies that this UDT uses the DND Incoming Call Alert setting from the Common Phone Profile window.</p> <p><b>Disable</b></p> <p>This option disables both beep and flash notification of a call, but, for the DND Ringer Off option, incoming call information still appears. For the DND Call Reject option, no call alerts appear, and no information is sent to the UDT.</p> <p><b>Beep Only</b></p> <p>For an incoming call, this option causes the associated device to play a beep tone only.</p> <p><b>Flash Only</b></p> <p>For an incoming call, this option causes the associated device to display a flash alert.</p>
<b>Automatic Alternate Routing (AAR) Settings</b>	
AAR Group	<p>Select the automated alternate routing (AAR) group for this UDT. The AAR group provides the prefix digits that are used to route calls that are otherwise blocked due to insufficient bandwidth. If no AAR group is specified, Unified CM uses the AAR group that is associated with Device Pool or Line.</p>
AAR Calling Search Space	<p>Select the appropriate calling search space for this UDT to use when it performs automated alternate routing (AAR). The AAR calling search space specifies the collection of route partitions that are searched to determine how to route a collected (originating) number that is otherwise blocked due to insufficient bandwidth.</p>
<b>Busy Lamp Field Settings</b>	



Field	Description
BLF Presence Group	<p>Configure this field with the BLF Presence feature.</p> <p>From the drop-down list box, select a BLF presence group for this UDT. The selected group specifies the devices, end users, and application users that can monitor this directory number.</p> <p>The default value for BLF Presence Group specifies Standard Presence group, configured with installation. BLF presence groups that are configured in Unified CM Administration also appear in the drop-down list box.</p> <p>Presence authorization works with BLF presence groups to allow or block presence requests between groups. For more information about how to configure permissions between groups and how presence works with Cisco Extension Mobility, see the “BLF Presence” chapter in the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
BLF Audible Alert Setting (Phone Idle)	<p>This setting determines the busy lamp field (BLF) audible alert setting when no current call exists on the BLF DN:</p> <p><b>On</b></p> <p>An audible alert sounds.</p> <p><b>Off</b></p> <p>No audible alert sounds.</p> <p><b>Default</b></p> <p>The configuration in the Service Parameters Configuration window determines the alert option.</p>
BLF Audible Alert Setting (Phone Busy)	<p>This setting determines the BLF audible alert setting when at least one active call exists on the BLF DN, but no call pickup alerts exist:</p> <p><b>On</b></p> <p>An audible alert sounds.</p> <p><b>Off</b></p> <p>No audible alert sounds.</p> <p><b>Default</b></p> <p>The configuration in the Service Parameters Configuration window determines the alert option.</p>
<b>Music on Hold Settings</b>	

Field	Description
User Hold MOH Audio Source	<p>To specify the audio source that plays when a user initiates a hold action, select an audio source from the drop-down list box.</p> <p>If you do not select an audio source, Unified CM uses the audio source that is defined in the device pool or the system default if the device pool does not specify an audio source ID.</p> <p><b>Note</b> You define audio sources in the Music On Hold Audio Source Configuration window. For access, select <b>Media Resources &gt; Music on Hold Audio Source</b>.</p>
Network Hold MOH Audio Source	<p>To specify the audio source that plays when the network initiates a hold action, select an audio source from the drop-down list box.</p> <p>If you do not choose an audio source, Unified CM uses the audio source that is defined in the device pool or the system default if the device pool does not specify an audio source ID.</p> <p><b>Note</b> You define audio sources in the Music On Hold Audio Source Configuration window. For access, select <b>Media Resources &gt; Music on Hold Audio Source</b>.</p>
<b>Location Settings</b>	
Location	<p>Use locations to implement call admission control (CAC) in a centralized call-processing system. CAC enables you to regulate audio quality and video availability by limiting the amount of bandwidth that is available for audio and video calls over links between locations. The location specifies the total bandwidth that is available for calls to and from this location.</p> <p>From the drop-down list box, select the appropriate location for this UDT.</p> <p>A location setting of <b>Hub_None</b> means that the locations feature does not keep track of bandwidth. A location setting of <b>Phantom</b> specifies a location that enables successful CAC across intercluster trunks that use H.323 protocol or SIP.</p> <p>To configure a new location, use the <b>System &gt; Location Info &gt; Location</b> menu option.</p> <p>For more information about location-based CAC across intercluster trunks, see “Location-Based Call Admission Control Over Intercluster Trunk” in the <i>Cisco Unified Communications Manager System Guide</i>.</p>
Geolocation	<p>From the drop-down list box, select a geolocation.</p> <p>You can select the <b>Unspecified</b> geolocation, which designates that this UDT does not associate with a geolocation.</p> <p>You can also select a geolocation that is configured with the <b>System &gt; Geolocation Configuration</b> menu option.</p>

Field	Description
Device Mobility Mode	<p>From the drop-down list box, turn the device mobility mode on or off for this UDT or select <b>Default</b> to use the default device mobility mode. The default setting uses the value for the Device Mobility Mode service parameter.</p> <p>Click <b>View Current Device Mobility Settings</b> to display the current values of these device mobility parameters:</p> <ul style="list-style-type: none"> <li>• Cisco Unified Communications Manager Group</li> <li>• Roaming Device Pool</li> <li>• Location</li> <li>• Region</li> <li>• Network Locale</li> <li>• AAR Group</li> <li>• AAR Calling Search Space</li> <li>• Device Calling Search Space</li> <li>• Media Resource Group List</li> <li>• SRST</li> </ul> <p>For more information, see “Device Mobility” in the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Media Resource Group List	<p>Select the appropriate Media Resource Group List. A Media Resource Group List comprises a prioritized grouping of media resource groups. An application chooses the required media resource, such as a Music On Hold server, from the available media resources according to the priority order that is defined in a Media Resource Group List.</p> <p>If you choose <b>None</b>, Unified CM uses the Media Resource Group List that is defined in the device pool.</p> <p>For more information, see the “Media Resource Management” section in the <i>Cisco Unified Communications Manager System Guide</i>.</p>

Field	Description
Remote Device	<p>If you are experiencing delayed connect times over SCCP pipes to remote sites, check the Remote Device check box. Checking this check box tells Unified CM to allocate a buffer for the UDT when it registers and to bundle SCCP messages.</p> <p><b>Tip</b> Because this feature consumes resources, be sure to check this check box only when you are experiencing signaling delays for phones that are running SCCP. Most users do not require this option.</p> <p>Unified CM sends the bundled messages to the UDT when the station buffer is full, as soon as it receives a media-related message, or when the Bundle Outbound SCCP Messages timer expires.</p> <p><b>Note</b> To specify a setting other than the default setting (100 msec) for the Bundle Outbound SCCP Messages timer, set up a new value in the Service Parameters Configuration window for the Cisco CallManager service. Although 100 msec specifies the recommended setting, you may enter 15 msec to 500 msec.</p>

### Related Topics

[About universal device template display preference setup, on page 1](#)