



## Device profile setup

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This chapter provides information to configure device profiles.

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### About device profile setup

In Cisco Unified Communications Manager Administration, use the **Device > Device Settings > Device Profile** menu path to configure device profiles.

A device profile comprises the set of attributes (services and/or features) that associate with a particular device. User device profiles include name, description, phone template, user locale, expansion modules, softkey templates, feature settings, MLPP information, directory numbers, subscribed services, and speed-dial information. You can assign the user device profile to a user, so, when the user logs in to a device, the user device profile that you have assigned to that user loads onto that device as a default login device profile. After a user device profile is loaded onto the phone, the phone picks up the attributes of that device profile.

You can also assign a user device profile to be the default logout device profile for a particular device. When a user logs out of a phone, for instance, the logout device profile loads onto the phone and gives that phone the attributes of the logout device profile. In the Cisco Unified CM Administration windows, you can create, modify, or delete the user device profile. If a user device profile is used as the logout device profile, you cannot delete the user device profile.

Cisco Unified Communications Manager also supports a device profile default. Use the device profile default for whenever a user logs on to a phone model for which no user device profile exists. To create a device profile default for each phone model that supports Cisco Extension Mobility, use the Device Profile Default Configuration window. The maximum number of device profile defaults cannot exceed the number of phone models that support Cisco Extension Mobility.

## Related Topics

# Device profile setup tips

Make sure that phone button template(s) are already configured before you configure the device profile.

From the Association Info pane, you can configure directory numbers, speed dials, and intercom directory numbers for the device profile. For additional information about configuration settings, see the *Cisco Unified Communications Manager Features and Services Guide*.

If you click Modify Button Items, the Reorder Phone Button Configuration window opens. Use this window if you need to manage the phone button template button items.

**Note**

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You must log in to a device for changes to a user device profile to take effect.

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## Related Topics

[Modify custom phone button template button items](#)

[About phone button template setup](#)

# Additional device profile setup features

You can use the links in the Related Links drop-down list box at the top, right corner of the Device Profile Configuration window to perform additional configuration that is related to the device profile that you created. Use the following links to configure additional items:

- Add a New Line Appearance—To add a new line appearance to a device profile, select this link and click Go. The Directory Number Configuration window displays and allows you to configure a new DN that will associate to this device profile.
- Add/Update Speed Dials—To add or update the speed dial settings that are associated with a device profile, select this link and click Go. The Speed Dial and Abbreviated Dial Configuration window opens and allows you to configure the speed dial settings that will associate to this device profile.
- Add/Update Busy Lamp Field Speed Dials—To add or update the busy lamp field speed dial settings that are associated with a device profile, select this link and click Go. The Busy Lamp Field Speed Dial Configuration window opens and allows you to configure the busy lamp field speed dial settings that will associate to this device profile. See the *Cisco Unified Communications Manager Features and Services Guide* for configuration details of this window.
- Add/Update Busy Lamp Field Directed Call Park—To add or update the busy lamp field directed call park settings that are associated with a device profile, select this link and click Go. The Busy Lamp Field Directed Call Park Configuration window opens and allows you to configure the busy lamp field/directed call park settings that will associated to this device profile. See the *Cisco Unified Communications Manager Features and Services Guide* for configuration details of this window.
- Add/Update Service URL Buttons—To add or update the service URL buttons that are associated with a device profile, select this link and click Go. The Configure Service URL Buttons window opens and allows you to configure the service URL buttons that will associate to this device profile.

- **Subscribe/Unsubscribe Services**—To subscribe or unsubscribe IP phone services that are associated with a device profile, select this link and click Go. The Subscribed Cisco IP Phone Services window opens and allows you to subscribe or unsubscribe to Cisco IP Phone services that will associate to this device profile.

### Related Topics

- [About directory number setup](#)
- [Set up speed-dial buttons or abbreviated dialing](#)
- [Set up IP phone services](#)
- [Service URL button setup](#)

## Device profile deletion

You cannot delete a device profile if it is assigned to devices. To find out which devices are using the device profile, choose Dependency Records link from the Related Links drop-down list box in the Device Profile Configuration window. If the dependency records are not enabled for the system, the dependency records summary window displays a message. If you try to delete a device profile that is in use, Cisco Unified Communications Manager displays message. Before deleting a device profile that is currently in use, you must perform either or both of the following tasks:

- Assign a different device profile to any devices that are using the device profile that you want to delete.
- Delete the devices that are using the device profile that you want to delete.



### Note

If a user device profile is configured as a default logout device profile, you cannot delete it. If you want to delete a logout device profile, you must change it from a logout device profile and configure another device profile as the logout device profile for that phone. After the user device profile is no longer a logout device profile, you can delete it.

### Related Topics

- [Access dependency records](#)

## Device profile settings

The following table describes the available settings in the Device Profile Configuration window.

**Table 1: Device profile settings**

Field	Description
User Device Profile Information	
Product Type	This field displays the product type to which this device profile applies.
Device Protocol	This field displays the device protocol to which this device profile applies.

Field	Description
Device Profile Name	Enter a unique name. This name can comprise up to 50 characters in length.
Description	Enter a description of the device profile. For text, use anything that describes this particular user device profile.
User Hold MOH Audio Source	<p>To specify the audio source that plays when a user initiates a hold action, choose an audio source from the User Hold MOH Audio Source drop-down list box.</p> <p>If you do not choose an audio source, Cisco Unified Communications Manager 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, choose <b>Media Resources &gt; Music On Hold Audio Source</b>.</p>
User Locale	<p>From the drop-down list box, choose the locale that is associated with the phone user interface. The user locale identifies a set of detailed information, including language and font, to support users.</p> <p>Cisco Unified Communications Manager makes this field available only for phone models that support localization.</p> <p><b>Note</b> If no user locale is specified, Cisco Unified Communications Manager uses the user locale that is associated with the device pool.</p> <p><b>Note</b> If the users require information to display (on the phone) in any language other than English, verify that the locale installer is installed before configuring user locale. See the Cisco Unified Communications Manager Locale Installer documentation.</p>
Phone Button Template	<p>From the Phone Button Template drop-down list, choose a phone button template.</p> <p><b>Tip</b> If you want to configure BLF/SpeedDials for the profile for presence monitoring, choose a phone button template that you configured for BLF/SpeedDials. After you save the configuration, the Add a New BLF SD link displays in the Association Information pane. For more information on BLF/SpeedDials, see the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Softkey Template	From the Softkey Template drop-down list box, choose the softkey template from the list that displays.
Privacy	From the Privacy drop-down list box, choose On for each phone on which you want privacy. For more information, see the <i>Cisco Unified Communications Manager Features and Services Guide</i> .

Field	Description
Single Button Barge	<p>From the drop-down list box, choose from the following options:</p> <ul style="list-style-type: none"> <li>• Off—This device does not allow users to use the Single Button Barge/cBarge feature.</li> <li>• Barge—Choosing this option allows users to press the Single Button Barge shared-line button on the phone to barge into a call using Barge.</li> <li>• Default—This device inherits the Single Button Barge/cBarge setting from the service parameter and device pool settings.</li> </ul> <p><b>Note</b> If the server parameter and device pool settings are different, the device will inherit the setting from the service parameter setting.</p> <p>For more information, see the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Join Across Lines	<p>From the drop-down list box, choose from the following options:</p> <ul style="list-style-type: none"> <li>• Off—This device does not allow users to use the Join Across Lines feature.</li> <li>• On—This device allows users to join calls across multiple lines.</li> <li>• Default—This device inherits the Join Across Lines setting from the service parameter and device pool settings.</li> </ul> <p><b>Note</b> If the server parameter and device pool settings are different, the device will inherit the setting from the service parameter setting.</p> <p>For more information, see the <i>Cisco Unified Communications Manager System Guide</i>.</p>
Always Use Prime Line	<p>From the drop-down list box, choose one of the following options:</p> <ul style="list-style-type: none"> <li>• Off—When the phone is idle and receives a call on any line, the phone user answers the call from the line on which the call is received.</li> <li>• On—When the phone is idle (off hook) and receives a call on any line, the primary line gets chosen for the call. Calls on other lines continue to ring, and the phone user must select those other lines to answer these calls.</li> <li>• Default—Cisco Unified Communications Manager uses the configuration from the Always Use Prime Line service parameter, which supports the Cisco CallManager service.</li> </ul>

Field	Description
Always Use Prime Line for Voice Message	<p>From the drop-down list box, choose one of the following options:</p> <ul style="list-style-type: none"> <li>• <b>On</b>—If the phone is idle, the primary line on the phone becomes the active line for retrieving voice messages when the phone user presses the Messages button on the phone.</li> <li>• <b>Off</b>—If the phone is idle, pressing the Messages button on the phone automatically dials the voice-messaging system from the line that has a voice message. Cisco Unified Communications Manager always selects the first line that has a voice message. If no line has a voice message, the primary line gets used when the phone user presses the Messages button.</li> <li>• <b>Default</b>—Cisco Unified Communications Manager uses the configuration from the Always Use Prime Line for Voice Message service parameter, which supports the Cisco CallManager service.</li> </ul>
Ignore Presentation Indicators (internal calls only)	<p>To configure call display restrictions and ignore any presentation restriction that is received for internal calls, check the “Ignore Presentation Indicators (internal calls only)” check box.</p> <p><b>Tip</b> 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/or connected line display information for each call. For more information about call display restrictions, see the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Do Not Disturb	Check this check box to enable Do Not Disturb.
DND Option	<p>When you enable DND on the phone, this parameter allows you to specify how the DND feature handles incoming calls:</p> <ul style="list-style-type: none"> <li>• <b>Call Reject</b>—This option specifies that no incoming call information gets presented to the user. Depending on how you configure the DND Incoming Call Alert parameter, the phone may play a beep or display a flash notification of the call.</li> <li>• <b>Ringer Off</b>—This option turns off the ringer, but incoming call information gets presented to the device, so that the user can accept the call.</li> <li>• <b>Use Common Phone Profile Setting</b>—This option specifies that the DND Option setting from the Common Phone Profile window will get used for this device.</li> </ul> <p><b>Note</b> For 7940/7960 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 gets 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 displays on a phone.</p> <p>From the drop-down list, choose one of the following options:</p> <ul style="list-style-type: none"> <li>• None—This option specifies that the DND Incoming Call Alert setting from the Common Phone Profile window will get used for this device.</li> <li>• Disable—This option disables both beep and flash notification of a call but for the DND Ringer Off option, incoming call information still gets displayed. For the DND Call Reject option, no call alerts display and no information gets sent to the device.</li> <li>• Beep Only—For an incoming call, this option causes the phone to play a beep tone only.</li> <li>• Flash Only—For an incoming call, this option causes the phone to display a flash alert.</li> </ul>
Extension Mobility Cross Cluster CSS	<p>From the drop-down list box, choose an existing Calling Search Space (CSS) to use for this device profile for the Extension Mobility Cross Cluster feature. (To configure a new CSS or modify an existing CSS, choose <b>Call Routing &gt; Class of Control &gt; Calling Search Space</b> in Cisco Unified Communications Manager Administration.)</p> <p>Default value specifies None.</p> <p>The home administrator specifies this CSS, which gets used as the device CSS that gets assigned to the phone when the user logs in to this remote phone. For more information, see the <i>Cisco Unified Communications Manager Features and Services Guide</i>.</p>
Expansion Module Information	
Module 1	<p>You can configure one or two expansion modules for this device profile by choosing phone templates from the expansion module drop-down lists in the expansion module fields.</p> <p><b>Note</b> You can view a phone button list at any time by choosing the View button list link next to the phone button template fields. A separate dialog box pops up and displays the phone buttons for that particular expansion module.</p> <p>Choose the appropriate expansion module or None.</p>
Module 2	Choose the appropriate expansion module or None.
Multilevel Precedence and Preemption	
MLPP Domain	<p>If this user device profile will be used for MLPP precedence calls, choose the MLLP Domain from the drop-down list box.</p> <p><b>Note</b> You define MLPP domains in the MLPP Domain Configuration window. For access, choose <b>System &gt; MLPP Domain</b>.</p>

Field	Description
MLPP Indication	<p>If this user device profile will be used for MLPP precedence calls, assign an MLPP Indication setting to the device profile. This setting specifies whether a device that can play precedence tones will use the capability when it places an MLPP precedence call.</p> <p>From the drop-down list box, choose a setting to assign to this device profile from the following options:</p> <ol style="list-style-type: none"> <li>1 Default—This device profile inherits its MLPP indication setting from the device pool of the associated device.</li> <li>2 Off—This device does not handle nor process indication of an MLPP precedence call.</li> <li>3 On—This device profile does handle and process indication of an MLPP precedence call.</li> </ol> <p><b>Note</b> Do not configure a device profile with the following combination of settings: MLPP Indication is set to Off or Default (when default is Off) while MLPP Preemption is set to Forceful.</p>
MLPP Preemption	<p>If this user device profile will be used for MLPP precedence calls, assign an MLPP Preemption setting to the device profile. This setting specifies whether a device that can preempt calls in progress will use the capability when it places an MLPP precedence call.</p> <p>From the drop-down list box, choose a setting to assign to this device profile from the following options:</p> <ol style="list-style-type: none"> <li>1 Default—This device profile inherits its MLPP preemption setting from the device pool of the associated device.</li> <li>2 Disabled—This device does not allow preemption of lower precedence calls to take place when necessary for completion of higher precedence calls.</li> <li>3 Forceful—This device allows preemption of lower precedence calls to take place when necessary for completion of higher precedence calls.</li> </ol> <p><b>Note</b> Do not configure a device profile with the following combination of settings: MLPP Indication is set to Off or Default (when default is Off) while MLPP Preemption is set to Forceful.</p>
Logged Out (Default) Profile Information	
Login User Id	<p>From the Login User ID drop-down list box, choose a valid login user ID.</p> <p><b>Note</b> If the device profile is used as a logout profile, specify the login user ID that will be associated with the phone. After the user logs out from this user device profile, the phone will automatically log in to this login user ID.</p>

## Related Topics