



Device Profile Configuration

A device profile comprises the set of attributes (services and/or features) associated with a particular device. A user device profile contains device information to be used when a user logs in to a device.

Use the following topics to configure and locate device profiles:

- [Finding a Device Profile, page 45-2](#)
- [Adding a New User Device Profile, page 45-3](#)
- [Updating User Device Profiles, page 45-6](#)
- [Deleting a User Device Profile, page 45-7](#)
- [Updating Autogenerated Device Profiles, page 45-8](#)
- [Configuring New Directory Numbers for Autogenerated Device Profiles, page 45-9](#)
- [Configuring Directory Numbers, page 48-29](#)
- [Directory Number Configuration Settings, page 48-34](#)
- [Extension Mobility and Phone Login Features, *Cisco CallManager System Guide*](#)

Finding a Device Profile

This topic describes how to use the Find and List Device Profile window. The Find and List lookup function allows you to search for user and autogenerated device profiles or both types. The function searches every type of device profile against the following categories:

- Device name
- Device description

Procedure

Step 1 Choose **Device > Device Profile**.

The Find and List Device Profile window displays.

Step 2 From the drop-down lists, choose your search text for the type of device profiles you want listed and click **Find**.



Note To find all device profiles registered in the database, choose All Device Profiles from the drop-down list without entering any search text and click **Find**. You can also use “Device Name is not empty” as your search criteria.

The window refreshes and then displays the device profiles that match your search criteria.

To jump to an autogenerated device profile or user device profile:

Step 3 Choose the device profile from the list of records that match your search criteria.

To delete device profiles:

- Step 4** Use the check box in the first column to delete multiple device profiles at once. Check the first check box in the list and click **Delete Selected**. You can also choose individual user device profiles to delete them separately.



Note You cannot delete autogenerated device profiles. User device profiles cannot be deleted if they are being used as a logout profile by phones.

Related Topics

- [Device Profile Configuration, page 45-1](#)
- [Adding a New User Device Profile, page 45-3](#)
- [Updating User Device Profiles, page 45-6](#)
- [Deleting a User Device Profile, page 45-7](#)
- [Updating Autogenerated Device Profiles, page 45-8](#)
- [Configuring New Directory Numbers for Autogenerated Device Profiles, page 45-9](#)
- [Configuring Directory Numbers, page 48-29](#)
- [Directory Number Configuration Settings, page 48-34](#)

Adding a New User Device Profile

This topic describes how to add a new user device profile. The user device profile contains attributes such as device profile name, description, phone template, expansion modules, directory numbers, subscribed services, and speed-dial information. Refer to “[Understanding Extension Mobility and Phone Logins](#)” in the *Cisco CallManager System Guide* for more detailed information.

Before You Begin

Make sure phone button template(s) are already configured before proceeding with the steps. See the “[Adding Phone Button Templates](#)” section on page 49-2 for more information.

Procedure

Step 1 Choose **Device > Device Profile**.

The Find and List Device Profile window refreshes.

Step 2 In the upper, right corner, choose the Add a New User Device Profile link.

The User Device Profile Configuration window displays.

Step 3 Enter a unique name in the User Device Profile Name field. This name can comprise up to 50 characters in length.

Step 4 Enter a description of the user device profile in the Description field. For text, use anything that describes this particular user device profile.

Step 5 To specify the audio source played when a user initiates a hold action, click the the drop-down arrow to the right of the User Hold Audio Source field and choose an audio source from the list that displays.

If you do not choose an audio source, Cisco CallManager uses the audio source defined in the device pool or the system default if the device pool does not specify an audio source ID.



Note You define audio sources in the Music On Hold Audio Source Configuration window. For access, choose **Service > Media Resource > Music On Hold Audio Source**.

Step 6 From the Phone Button Template drop-down list, choose a phone button template.

Step 7 You can configure one or two expansion modules for this device profile by choosing phone buttons from the expansion module drop-down lists in the expansion module fields.



Note 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, displaying the phone buttons for that particular expansion module.

Step 8 Enter a valid login user ID in the Login User ID field.



Note If the user 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.



Note You can obtain help in finding a valid login user ID by choosing the Select Login User ID link below the Login User ID field. A separate dialog box pops up. In the Login User ID field, enter the first few characters of the login user ID that you want to use, and all login user IDs that match the pattern that you entered will display in the Selected login user ID field. Choose the desired ID and click **OK**.

Step 9 Click **Insert**.

Step 10 A dialog box appears asking you to configure a directory number for line 1 of this user device profile. Click **OK**.

The Directory Number Configuration window displays. For information on configuring directory numbers, see [“Configuring Directory Numbers” section on page 48-29](#).

Step 11 Enter the appropriate settings as described in [“Directory Number Configuration Settings” section on page 48-34](#).

Step 12 Click **Insert**.

A dialog box notifies you that you have updated the user device profile. The dialog box informs you that you need to log out and log in again to the device with this profile for changes to take effect. Click **OK**.

A second dialog box informs you that the directory number has been assigned to the current device. Click **OK** to return to the current user device profile.

Related Topics

- [Device Profile Configuration, page 45-1](#)
- [Finding a Device Profile, page 45-2](#)

- [Updating User Device Profiles, page 45-6](#)
- [Deleting a User Device Profile, page 45-7](#)
- [Updating Autogenerated Device Profiles, page 45-8](#)
- [Configuring New Directory Numbers for Autogenerated Device Profiles, page 45-9](#)
- [Configuring Directory Numbers, page 48-29](#)
- [Directory Number Configuration Settings, page 48-34](#)

Updating User Device Profiles

This section describes how to update a user device profile.

Before You Begin

Make sure the user device profile that you want to update is configured in Cisco CallManager before proceeding with the steps. See the [“Adding a New User Device Profile” section on page 45-3](#) to configure a user device profile.

Procedure

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- Step 1** Locate the user device profile that you want to update. See the [“Finding a Device Profile” section on page 45-2](#).
- Step 2** From the User Device Profile Configuration window, make the desired changes to the user device profile; then, click **Update**.

The changes that you made should now appear in this user device profile.



Note You must login to a device in order for changes to a user device profile to take effect.

Related Topics

- [Device Profile Configuration, page 45-1](#)
- [Finding a Device Profile, page 45-2](#)

- [Adding a New User Device Profile, page 45-3](#)
- [Deleting a User Device Profile, page 45-7](#)
- [Updating Autogenerated Device Profiles, page 45-8](#)
- [Configuring New Directory Numbers for Autogenerated Device Profiles, page 45-9](#)
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- [Directory Number Configuration Settings, page 48-34](#)

Deleting a User Device Profile

This section describes how to delete a user device profile.

Before You Begin

Make sure the user device profile that you want to delete is configured in Cisco CallManager before proceeding with the steps. See the [“Adding a New User Device Profile” section on page 45-3](#), to configure a user device profile.

Procedure

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- Step 1** Locate the user device profile that you want to delete. See the [“Finding a Device Profile” section on page 45-2](#).
- Step 2** From the User Device Profile Configuration window, click **Delete**.
A message displays stating that this action cannot be undone.
Click **OK** to delete the device profile or **Cancel** to cancel the deletion.



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. Once the user device profile is no longer a logout device profile, you can delete it.

Related Topics

- [Device Profile Configuration](#), page 45-1
- [Finding a Device Profile](#), page 45-2
- [Adding a New User Device Profile](#), page 45-3
- [Updating User Device Profiles](#), page 45-6
- [Updating Autogenerated Device Profiles](#), page 45-8
- [Configuring New Directory Numbers for Autogenerated Device Profiles](#), page 45-9
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- [Directory Number Configuration Settings](#), page 48-34

Updating Autogenerated Device Profiles

This section describes how to update an autogenerated device profile. You can modify the autogenerated device profile but not delete it or change the profile name. Refer to [“Managing Device Profiles”](#) in the *Cisco CallManager System Guide* for more detailed information.

Before You Begin

Make sure the autogenerated device profile(s) are configured before proceeding with the steps. See the [“Updating a Phone”](#) section on page 48-10 for more information.

Procedure

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- Step 1** Locate the autogenerated device profile that you want to update. See the [“Finding a Device Profile”](#) section on page 45-2.
- Step 2** From the Autogenerated Device Profile Configuration window, make the desired changes to the autogenerated device profile; then, click **Update**.

The changes that you made should now appear in this autogenerated device profile.



Note You must login to a device in order for changes to an autogenerated device profile to take effect.

Related Topics

- [Device Profile Configuration](#), page 45-1
- [Finding a Device Profile](#), page 45-2
- [Adding a New User Device Profile](#), page 45-3
- [Updating User Device Profiles](#), page 45-6
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Configuring New Directory Numbers for Autogenerated Device Profiles

This topic describes how to add new directory numbers, on assigned lines, for autogenerated device profiles.

Before You Begin

Make sure the following prerequisites are met before proceeding with the steps:

- Make sure the autogenerated device profile(s) are configured before proceeding with the steps. See the [“Updating a Phone” section on page 48-10](#) for more information.
- You must add new directory numbers for an autogenerated device profile from the Autogenerated Device Profile Configuration window. See the [“Finding a Device Profile” section on page 45-2](#) for more information.

Procedure

Step 1 From the Autogenerated Device Profile Configuration window, choose the line on which you want to add a new DN, from the directory number list on the left side of the window.

The Directory Number Configuration window displays. For information on configuring directory numbers, see [“Configuring Directory Numbers” section on page 48-29](#).

Step 2 Enter the appropriate settings as described in [“Directory Number Configuration Settings” section on page 48-34](#).

Step 3 Click **Insert**.

The window refreshes and displays the settings that you configured.



Note You can also update, delete, and restart devices from the Directory Number Configuration window by clicking the corresponding buttons for these functions. Deleting a directory number removes it from the line, and you cannot undo this action.

- Step 4** Return to the Autogenerated Device Profile window by clicking the Configure Device Profile link.

The new directory number should appear on the appropriate line in the list on the left side of the window.



Note When you update the configuration settings for a phone, if an autogenerated device profile has a different default setting than the phone, the setting of the device profile is overwritten when you choose <User Current Device Setting> as the logout device profile from the Phone Configuration web window.

Related Topics

- [Device Profile Configuration, page 45-1](#)
- [Finding a Device Profile, page 45-2](#)
- [Adding a New User Device Profile, page 45-3](#)
- [Updating User Device Profiles, page 45-6](#)
- [Deleting a User Device Profile, page 45-7](#)
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■ **Configuring New Directory Numbers for Autogenerated Device Profiles**