



## 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 39-2](#)
- [Adding a New User Device Profile, page 39-3](#)
- [Updating User Device Profiles, page 39-5](#)
- [Deleting a User Device Profile, page 39-6](#)
- [Configuring New Directory Numbers for Autogenerated Device Profiles, page 39-7](#)
- [Directory Number Configuration Settings, page 39-8](#)
- [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 pane. 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 pane 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 pane 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

- [Adding a New User Device Profile, page 39-3](#)
- [Updating User Device Profiles, page 39-5](#)
- [Deleting a User Device Profile, page 39-6](#)
- [Configuring New Directory Numbers for Autogenerated Device Profiles, page 39-7](#)
- [Directory Number Configuration Settings, page 39-8](#)
- [Device Profile Configuration, page 39-1](#)

## 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 [Extension Mobility and Phone Login Features](#) 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 43-2 for more information.

#### Procedure

---

- Step 1** Choose **Device > Device Profile**.
- The pane refreshes to the Find and List Device Profiles pane.
- Step 2** In the upper, right corner, choose the Add New User Device Profile link.

The User Device Profile Configuration pane 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** From the Phone Button Template drop-down list, choose a phone button template. 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 pane pops up, displaying the phone buttons for that particular expansion module.

---

- Step 6** Click **Insert**.
- Step 7** 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 pane displays.
- Step 8** Enter the appropriate settings as described in Table 39-1.
- Step 9** Click **Insert**.
- The pane refreshes and returns to the user device profile configuration pane for this device profile.

---

#### Related Topics

- [Finding a Device Profile, page 39-2](#)
- [Updating User Device Profiles, page 39-5](#)
- [Deleting a User Device Profile, page 39-6](#)
- [Configuring New Directory Numbers for Autogenerated Device Profiles, page 39-7](#)

- [Directory Number Configuration Settings, page 39-8](#)
- [Device Profile Configuration, page 39-1](#)

# Updating User Device Profiles

This section describes how to update a user device profile.

## Before You Begin

Make sure the user device profile 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 39-3](#) to configure a user device profile.

## Procedure

- 
- Step 1** Locate the user device profile you want to update. See the [“Finding a Device Profile” section on page 39-2](#).
- Step 2** From the User Device Profile Configuration pane, make the desired changes to the user device profile; then, click **Update**.

The changes 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 affect.

---

## Related Topics

- [Finding a Device Profile, page 39-2](#)
- [Adding a New User Device Profile, page 39-3](#)
- [Deleting a User Device Profile, page 39-6](#)
- [Configuring New Directory Numbers for Autogenerated Device Profiles, page 39-7](#)
- [Directory Number Configuration Settings, page 39-8](#)
- [Device Profile Configuration, page 39-1](#)

# Deleting a User Device Profile

This section describes how to delete a user device profile.

## Before You Begin

Make sure the user device profile you want to delete is configured in Cisco CallManager before proceeding with the steps. See the [Adding a New User Device Profile, page 39-3](#), to configure a user device profile.

## Procedure

- 
- Step 1** Locate the user device profile you want to delete. See the [“Finding a Device Profile” section on page 39-2](#).
- Step 2** From the User Device Profile Configuration pane, 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

- [Finding a Device Profile, page 39-2](#)
- [Adding a New User Device Profile, page 39-3](#)
- [Updating User Device Profiles, page 39-5](#)
- [Configuring New Directory Numbers for Autogenerated Device Profiles, page 39-7](#)
- [Directory Number Configuration Settings, page 39-8](#)
- [Device Profile Configuration, page 39-1](#)

# 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 42-9](#) for more information.
- You must add new directory numbers for an autogenerated device profile from the Autogenerated Device Profile Configuration pane. See the [“Finding a Device Profile” section on page 39-2](#) for more information.

## Procedure

---

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

The pane refreshes to the Directory Number Configuration pane for this line.

**Step 2** Enter the appropriate settings as described in Table [39-1](#).

**Step 3** Click **Insert**.

The pane refreshes and displays the settings you configured.



---

**Note** You can also update, delete, and restart devices from the Directory Number Configuration pane 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 pane 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 pane.



**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 pane.

### Related Topics

- [Finding a Device Profile, page 39-2](#)
- [Adding a New User Device Profile, page 39-3](#)
- [Updating User Device Profiles, page 39-5](#)
- [Deleting a User Device Profile, page 39-6](#)
- [Directory Number Configuration Settings, page 39-8](#)
- [Device Profile Configuration, page 39-1](#)
- [Configuring Directory Numbers, page 42-27](#)

## Directory Number Configuration Settings

Table 39-1 describes directory number configuration settings for directory number fields.

**Table 39-1** *Directory Number Configuration Settings*

Field	Description
<b>Directory Number</b>	
Directory Number	Indicates a dialable phone number. Values can include a maximum of 50 alphanumeric characters except for (.) and (@).

**Table 39-1** *Directory Number Configuration Settings (continued)*

Field	Description
Partition	Indicates the route partition to which the directory number belongs.  Make sure partition designation is unique in combination with the directory number.
<b>Directory Number Settings</b>	
Voice Message Box	Indicates the number to which voice-mail messages are sent.  Always designate this number as the same as the directory number.
Calling Search Space	Collection of partitions for which numbers called from this directory number are searched.  Entry changes cause update of the numbers listed in the Call Pickup Group field.  Designation applies to all devices using this directory number.
User Hold Audio Source	The audio source played when a user initiates a hold action.
Network Hold Audio Source	This audio source plays when the network initiates a hold action.
Call Waiting	Specifies whether this directory number uses call waiting when a line is busy (On), responds with a busy signal (Off), or uses the system-wide default setting (Default).  Designation applies to all devices using this directory number.
Activate Auto Answer for this Directory Number	Checking this check box activates the Auto Answer feature for this directory number.

*Table 39-1 Directory Number Configuration Settings (continued)*

Field	Description
<b>Call Forward and Pickup Settings</b>	
Forward All	<p>Indicates the directory number to which all calls are forwarded.</p> <p>Use any dialable phone number, including an outside destination.</p> <p>Setting applies to all devices using this directory number.</p>
Forward Busy	<p>Use any dialable phone number, including an outside destination.</p> <p>Setting applies to all devices using this directory number.</p>
Forward No Answer	<p>Indicates the directory number to which a call is forwarded when the call is not answered.</p> <p>Use any dialable phone number, including an outside destination.</p> <p>Setting applies to all devices using this directory number.</p>
Call Pickup Group	<p>Indicates a number that can be dialed to answer calls to this directory number (in the specified partition).</p>
<b>Line Settings for this Device</b>	
Display (Internal Caller ID)	<p>Leave this field blank to have the system display the extension.</p> <p>Use a maximum of 30 alphanumeric characters. Typically, use the user name or the directory number.</p> <p>Setting applies only to the current device.</p>

**Table 39-1** *Directory Number Configuration Settings (continued)*

Field	Description
External Phone Number Mask	Indicates phone number (or mask) used to send Caller ID information when placing a call from this line.  Number includes a maximum of 30 number and “X” characters. The X characters must appear at the end of the pattern.
Disable Ring on this line	Stops the phone from ringing to indicate incoming calls.  Setting applies only to the current device.

**Related Topics**

- [Finding a Device Profile, page 39-2](#)
- [Adding a New User Device Profile, page 39-3](#)
- [Updating User Device Profiles, page 39-5](#)
- [Deleting a User Device Profile, page 39-6](#)
- [Device Profile Configuration, page 39-1](#)
- [Configuring New Directory Numbers for Autogenerated Device Profiles, page 39-7](#)
- [Configuring Directory Numbers, page 42-27](#)

