



# Configure User Profiles

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## User Profile Overview

User profiles contain common directory number and device settings. You can configure different user profiles that contain the most common directory number settings and device settings that your users require and then assign each user profile to the users that require those settings. You can configure different user profiles for different groups of users in your company, according to the phone line and phone setting requirements for each set of users.

For those end users who are enabled for self-provisioning, the phone and phone line settings from the user profile get applied to any new phones that the user provisions. If the user is not enabled for self-provisioning, the user profile settings can be applied to any new phones that the administrator provisions on behalf of the end user.

User profiles use settings from the following phone and phone line templates to build a profile for the end user:

- **Universal Line Template**—a collection of common phone line settings that are typically assigned to a directory number. Universal line templates allow you to quickly configure phone lines for new directory numbers that get assigned to an end user.
- **Universal Device Template**—a collection of common device settings that are typically assigned to a phone or other device. Universal device templates allow you to quickly configure new phones that get assigned to an end user.

## User Profile Prerequisites

Before configuring your user profiles, make sure to plan how you are going to provision phones for your deployment. Decide whether you are going to use self-provisioning to allow end users to provision their own phones.

# User Profile Configuration Task Flow

## Procedure

	Command or Action	Purpose
<b>Step 1</b>	<a href="#">Configure a Universal Line Template, on page 2</a>	Configure universal line templates with common settings that are typically applied to a directory number.
<b>Step 2</b>	<a href="#">Configure a Universal Device Template, on page 3</a>	Configure universal device templates with common settings that are typically applied to phones and other devices.
<b>Step 3</b>	<a href="#">Configure a User Profile, on page 3</a>	Assign the universal line and universal device templates to a user profile.

## Configure a Universal Line Template

Universal Line Templates make it easy to apply common settings to newly assigned directory numbers. Configure different templates to meet the needs of different groups of users.

### Procedure

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- Step 1** In Cisco Unified CM Administration, choose **User Management > User/Phone Add > Universal Line Template**.
- Step 2** Click **Add New**.
- Step 3** Configure the fields in the **Universal Line Template Configuration** window. See the online help for more information about the fields and their configuration options.
- Step 4** If you are deploying Global Dial Plan Replication with alternate numbers expand the **Enterprise Alternate Number** and **+E.164 Alternate Number** sections and do the following:
- Click the **Add Enterprise Alternate Number** button and/or **Add +E.164 Alternate Number** button.
  - Add the **Number Mask** that you want to use to assign to your alternate numbers. For example, a 4-digit extension might use 5XXXX as an enterprise number mask and 1972555XXXX as an +E.164 alternate number mask.
  - Assign the partition where you want to assign alternate numbers.
  - If you want to advertise this number via ILS, check the **Advertise Globally via ILS** check box. Note that if you are using advertised patterns to summarize a range of alternate numbers, you may not need to advertise individual alternate numbers.
  - Expand the **PSTN Failover** section and choose the **Enterprise Number** or **+E.164 Alternate Number** as the PSTN failover to use if normal call routing fails.
- Step 5** Click **Save**.
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## Configure a Universal Device Template

Universal device templates make it easy to apply configuration settings to newly provisioned devices. The provisioned device uses the settings of the universal device template. You can configure different device templates to meet the needs of different groups of users. You can also assign the profiles that you've configured to this template.

### Procedure

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- Step 1** In Cisco Unified CM Administration, choose **User Management > User/Phone Add > Universal Device Template**.
- Step 2** Click **Add New**.
- Step 3** Enter the following mandatory fields:
- Enter a **Device Description** for the template.
  - Select a **Device Pool** type from the drop-down list.
  - Select a **Device Security Profile** from the drop-down list.
  - Select a **SIP Profile** from the drop-down list.
  - Select a **Phone Button Template** from the drop-down list.
- Step 4** Complete the remaining fields in the **Universal Device Template Configuration** window. For field descriptions, see the online help.
- Step 5** Under **Phone Settings**, complete the following optional fields:
- If you configured a **Common Phone Profile**, assign the profile.
  - If you configured a **Common Device Configuration**, assign the configuration.
  - If you configured a **Feature Control Policy**, assign the policy.
- Step 6** Click **Save**.
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## Configure a User Profile

Assign universal line and universal device template to users through the User Profile. Configure multiple user profiles for different groups of users. You can also enable self-provisioning for users who use this service profile.

### Procedure

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- Step 1** From Cisco Unified CM Administration, choose **User Management > User/Phone Add > User Profile**.
- Step 2** Click **Add New**.
- Step 3** Enter a **Name** and **Description** for the user profile.
- Step 4** Assign a **Universal Device Template** to apply to users' **Desk Phones, Mobile and Desktop Devices, and Remote Destination/Device Profiles**.
- Step 5** Assign a **Universal Line Template** to apply to the phone lines for users in this user profile.
- Step 6** If you want the users in this user profile to be able to use the self-provisioning feature to provision their own phones, do the following:

- a) Check the **Allow End User to Provision their own phones** check box.
- b) In the **Limit Provisioning once End User has this many phones** field, enter a maximum number of phones the user is allowed to provision. The maximum is 20.

**Step 7** Click **Save**.

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