



Device Defaults Configuration

Use device defaults to set the default characteristics of each type of device that registers with a Cisco Unified CallManager. The device defaults for a device type apply to all auto-registered devices of that type within a Cisco Unified CallManager cluster. You can set the following device defaults for each device type to which they apply:

- Device load
- Device pool
- Phone button template

When a device auto-registers with a Cisco Unified CallManager, it acquires the device default settings for its device type. After a device registers, you can update its configuration individually to change the device settings.

Installing Cisco Unified CallManager automatically sets device defaults. You cannot create new device defaults or delete existing ones, but you can change the default settings.

This section covers the following topics:

- [Updating Device Defaults, page 72-1](#)
- [Device Defaults Configuration Settings, page 72-2](#)

Updating Device Defaults

This section describes how to modify the device defaults in the Cisco Unified CallManager configuration database.

Before You Begin

Before updating the device defaults, perform any of the following tasks that apply to your system:

- Add new firmware files for the devices to the TFTP server.
- If you use device defaults to assign a firmware load that does not exist in the directory, those devices will fail to load the assigned firmware.
- Configure new device pools. See the [“Configuring a Device Pool” section on page 9-3](#).
- If the device is a phone, configure new phone templates. See the [“Configuring Phone Button Templates” section on page 76-2](#).

Procedure

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- Step 1** Choose **Device > Device Settings > Device Defaults**.
- Step 2** Update the appropriate settings for the device that you want to change as described in [Table 72-1](#).
- Step 3** To save the changes in the Cisco Unified CallManager configuration database, click **Save**.
- Step 4** To reset all the devices of that type, click the Reset icon to the left of the device name and load the new defaults on all Cisco Unified CallManagers in the cluster.

If you choose not to reset all devices of that type, only new devices that are added after you change the device defaults receive the latest defaults.

Additional Information

See the [“Related Topics”](#) section on page 72-2.

Device Defaults Configuration Settings

[Table 72-1](#) describes the configuration settings for device defaults. For more information about related procedures, see the [“Related Topics”](#) section on page 72-2.

Table 72-1 **Device Defaults Configuration Settings**

Field Name	Description
Load Information	Enter the ID number of the firmware load that is used with a particular type of hardware device. If you install an upgrade or patch load, you must update the load information for each type of device that uses the new load.
Device Pool	Choose the device pool that is associated with each type of device. The device pool defines common characteristics for all devices in the pool.
Phone Template	Choose the phone button template that each type of Cisco Unified IP Phone uses. The template defines what keys on the phone perform that function.

Related Topics

- [Updating Device Defaults, page 72-1](#)
- [Device Defaults Configuration Settings, page 72-2](#)
- [Finding Devices With Non-Default Firmware Loads, page 73-1](#)
- [Device Firmware Loads, Cisco Unified CallManager System Guide](#)