



## CHAPTER 69

# Device Defaults Configuration

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Use device defaults to set the default characteristics of each type of device that registers with a Cisco Unified Communications Manager. The device defaults for a device type apply to all auto-registered devices of that type within a Cisco Unified Communications Manager 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 Communications Manager, 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 Communications Manager* 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:

- [Device Defaults Configuration Settings, page 69-1](#)
- [Updating Device Defaults, page 69-2](#)
- [Related Topics, page 69-3](#)

## Device Defaults Configuration Settings

Use device defaults to set the default characteristics of each type of device that registers with a Cisco Unified Communications Manager. The device defaults for a device type apply to all auto-registered devices of that type within a Cisco Unified Communications Manager 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 Communications Manager, 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.

**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 “[Device Pool Configuration Settings](#)” section on page 8-1.
- If the device is a phone, configure new phone templates. See the “[Phone Button Template Configuration Settings](#)” section on page 73-1.

[Table 69-1](#) describes the configuration settings for device defaults. For more information about related procedures, see the “[Related Topics](#)” section on page 69-3.

**Table 69-1** Device Defaults Configuration Settings

Field Name	Description
Device Type	This field displays the type of device for which device defaults can be set.
Protocol	This field displays the protocol that the corresponding device in the Device Type column uses.
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.

## Updating Device Defaults

This section describes how to modify the device defaults in the Cisco Unified Communications Manager 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 “[Device Pool Configuration Settings](#)” section on page 8-1.
- If the device is a phone, configure new phone templates. See the “[Phone Button Template Configuration Settings](#)” section on page 73-1.

**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 69-1](#).
  - Step 3** To save the changes in the Cisco Unified Communications Manager 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 Communications Managers 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.
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**Additional Information**

See the [“Related Topics”](#) section on page 69-3.

## Related Topics

- [Device Defaults Configuration, page 69-1](#)
- [Device Defaults Configuration Settings, page 69-1](#)
- [Updating Device Defaults, page 69-2](#)
- [Finding Devices With Non-Default Firmware Loads, page 70-1](#)
- [Device Firmware Loads, \*Cisco Unified Communications Manager System Guide\*](#)

