



## 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 CallManager. The device defaults for a device type apply to all auto-registered devices of that type within a Cisco 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 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 CallManager automatically sets device defaults. You cannot create new device defaults or delete existing ones, but you can change the default settings by using the following topics:

- [Updating Device Defaults, page 6-1](#)
- [Device Defaults Configuration Settings, page 6-3](#)
- [Finding Devices With Non-Default Firmware Loads, page 6-4](#)
- [Device Firmware Loads, \*Cisco CallManager System Guide\*](#)

## Updating Device Defaults

This section describes how to modify the device defaults in the Cisco 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. For each available firmware load, a .bin file exists in the Program Files\Cisco\TFTPPath folder on the Cisco CallManager server or in another configurable location.  
For example, for the firmware load P002A0305556, a file named P002A0305556.bin exists in the Program Files\Cisco\TFTPPath folder.
- 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 [“Adding a Device Pool” section on page 8-4](#).
- If the device is a phone, configure new phone templates. See the [“Adding Phone Button Templates” section on page 59-4](#).

### Procedure

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- Step 1** Choose **System > Device Defaults**.
- Step 2** Update the appropriate settings for the device that you want to change as described in [Table 6-1](#).
- Step 3** Click **Update** to save the changes in the Cisco CallManager configuration database.
- Step 4** Click the Reset icon to the left of the device name to reset all the devices of that type and load the new defaults on all Cisco 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.

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### Related Topics

- [Device Defaults Configuration Settings, page 6-3](#)
- [Finding Devices With Non-Default Firmware Loads, page 6-4](#)

# Device Defaults Configuration Settings

[Table 6-1](#) describes the configuration settings for device defaults.

**Table 6-1** *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 is used by each type of Cisco IP Phone. The template defines what keys on the phone perform that function.

## Related Topics

- [Updating Device Defaults, page 6-1](#)
- [Finding Devices With Non-Default Firmware Loads, page 6-4](#)

# Finding Devices With Non-Default Firmware Loads

The Firmware Load Information page in Cisco CallManager Administration enables you to quickly locate devices that are not using the default firmware load for their device type.



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**Note** Each device can have an individually assigned firmware load that overrides the default.

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Use the following procedure to locate devices that are not using the default firmware load.

## Procedure

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- Step 1** Select **Device > Device Settings > Firmware Load Information**.
- The page updates to display a list of device types that require firmware loads. For each device type, the **Devices Not Using Default Load** column links to configuration settings for any devices that use a non-default load.
- Step 2** Click view details in the **Devices Not Using Default Load** column to view a list of devices of that type that are using a non-default device load.
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## Related Topics

- [Updating Device Defaults, page 6-1](#)
- [Device Defaults Configuration, page 6-1](#)