



Setting Device Defaults

Use device defaults to set the system-wide default characteristics of each type of device that registers with a Cisco CallManager. The system-wide device defaults for a device type apply to all devices of that type within a Cisco CallManager cluster. Default settings for devices include:

- Device loads
- Device pools
- Phone button templates

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

Device defaults are set automatically when you install Cisco CallManager. You cannot create new device defaults or delete existing ones, but you can change the default settings by using the following procedure:

- [Updating Device Defaults, page 15-2](#)

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, there is a .bin file in the \Program Files\Cisco\TFTPPath\ folder on the Cisco CallManager server.

For example, for the firmware load P002A030, there is a file named P002A030.bin in the Program Files\Cisco\TFTPPath\ folder.

- Configure new device pools. See the “Adding a Device Pool” section on page 17-1.
- If the device is a phone, configure new phone templates. See the “Adding Phone Button Templates” section on page 47-5.

Procedure

- Step 1** Open Cisco CallManager Administration.
- Step 2** Select **System > Device Defaults**.
- Step 3** From the Cisco CallManager list, select the type of device whose device defaults you want to update.
- Step 4** Make the desired changes in the fields you want to update. Before saving the changes, you can click **Cancel** to reset all fields to their original value.

The fields you can update are listed in the following table.

| Field Name | Description |
|------------------|---|
| Load Information | This field specifies the ID number of the firmware load 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 | This field specifies the device pool associated with each type of device. The device pool defines common characteristics for all devices in the pool. |
| Phone Template | This field specifies the phone button template used by each type of Cisco IP Phone. The template defines which keys on the phone perform which functions. |

Step 5 Click **Update** to save the changes in the Cisco CallManager configuration database.

Step 6 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 added after you change the device defaults will receive the latest defaults.

Related Topics

- Understanding Device Support, page 7-1
- Understanding Device Loads, page 7-6

