



Device Pool Configuration

Use device pools to define sets of common characteristics for devices. You can specify the following device characteristics for a device pool:

- Cisco CallManager group
- Date/time group
- Region
- SRST reference
- Media resource group list
- Music On Hold (MOH) audio sources
- User and network locales
- Calling search space for auto-registration
- Softkey template

Use the following topics to add, update, or delete a device pool:

- [Adding a Device Pool, page 8-2](#)
- [Updating a Device Pool, page 8-3](#)
- [Deleting a Device Pool, page 8-4](#)
- [Device Pool Configuration Settings, page 8-5](#)

Refer to the “[System-Level Configuration Settings](#)” section in the *Cisco CallManager System Guide* for more information about device pools and the device settings that are assigned through device pools.

Adding a Device Pool

This section describes how to add a new device pool to the Cisco CallManager database. After adding a new device pool to the database, you can use it to configure devices such as Cisco IP Phones, gateways, conference bridges, transcoders, media termination points, voice mail ports, CTI route points, and so on.

Before You Begin

Before configuring a device pool, you must configure the following items if you want to choose them for the device pool:

- Cisco CallManager group (required). See the [“Adding a Cisco CallManager Group” section on page 4-2](#).
- Date/time group (required). See the [“Adding a Date/Time Group” section on page 5-2](#).
- Region (required). See the [“Adding a Region” section on page 7-2](#).
- SRST reference (optional). See the [“Adding an SRST Reference” section on page 13-3](#).
- Media resource group list (optional). See the [“Adding a Media Resource Group List” section on page 31-2](#).
- MOH audio sources (optional). See the [“Configuring Music On Hold Audio Sources” section in the *Cisco CallManager Features and Services Guide*](#).
- Calling search space for auto-registration (optional). See the [“Adding a Calling Search Space” section on page 15-3](#).
- Softkey templates if you are not using the standard softkey templates that are provided with Cisco CallManager (optional). See the [“Adding Nonstandard Softkey Templates” section on page 50-1](#).

Procedure

- Step 1** Choose **System > Device Pool**.
- Step 2** To create a device pool from an existing device pool with settings that are similar to the one that you want to configure, choose the existing device pool and click **Copy**.
- Step 3** Enter or edit the appropriate fields as described in the “[Device Pool Configuration Settings](#)” section on page 8-5.
- Step 4** Click **Insert** to save the device pool information in the database.
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Related Topics

- [Device Defaults Configuration, page 6-1](#)
- [Updating a Device Pool, page 8-3](#)
- [Deleting a Device Pool, page 8-4](#)
- [Device Pool Configuration Settings, page 8-5](#)

Updating a Device Pool

This section describes how to modify the configuration of an existing device pool.

Procedure

- Step 1** Choose **System > Device Pool**.
- Step 2** In the Device Pools list, choose the device pool that you want to update.
- Step 3** Update the appropriate settings as described in [Table 8-1](#).
- Step 4** Click **Update** to save the changes in the database.

- Step 5** Restart the devices to apply the changes. To restart all the devices in the chosen device pool, click **Restart Devices**.

**Tip**

For your convenience in restarting devices, the **Restart Devices** button restarts all devices in the chosen device pool.

**Caution**

Restarting devices can cause them to drop calls.

Related Topics

- [Adding a Device Pool, page 8-2](#)
- [Deleting a Device Pool, page 8-4](#)
- [Device Pool Configuration Settings, page 8-5](#)

Deleting a Device Pool

This section describes how to delete a device pool from the Cisco CallManager database.

Before You Begin

You cannot delete a device pool if it has any devices assigned to it, if it is used for Device Defaults configuration, or if it is the only device pool in the database. If you try to delete a device pool that is in use, an error message displays. Before deleting a device pool that is currently in use, you must perform either or both of the following tasks:

- Update the devices to assign them to a different device pool. See the [“Updating a Phone” section on page 47-10](#).
- Delete the devices that are assigned to the device pool that you want to delete. See the [“Deleting a Phone” section on page 47-11](#).

Procedure

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- Step 1** Choose **System > Device Pool**.
- Step 2** In the Device Pools list, choose the device pool that you want to delete.
- Step 3** Click **Delete**.
- Step 4** When prompted to confirm the delete operation, click **OK** to delete or click **Cancel** to cancel the delete operation.
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Related Topics

- [Adding a Device Pool, page 8-2](#)
- [Updating a Device Pool, page 8-3](#)
- [Device Pool Configuration Settings, page 8-5](#)

Device Pool Configuration Settings

[Table 8-1](#) lists and describes device pool configuration settings.

Table 8-1 *Device Pool Configuration Settings*

Field Name	Description
Device Pool Name	Enter the name of the new device pool that you are creating.
Cisco CallManager Group	Choose the Cisco CallManager group to assign to devices in this device pool. A Cisco CallManager group specifies a prioritized list of up to three Cisco CallManagers. The first Cisco CallManager in the list serves as the primary Cisco CallManager for that group, and the other members of the group serve as backup Cisco CallManagers for redundancy.
Date/Time Group	Choose the date/time group to assign to devices in this device pool. The date/time group specifies the time zone and the display formats for date and time.

Table 8-1 Device Pool Configuration Settings (continued)

Field Name	Description
Region	Choose the Cisco CallManager region to assign to devices in this device pool. The Cisco CallManager region settings specify voice codec that can be used for calls within a region and between other regions.
SRST Reference	<p>From the drop-down list box, choose a survivable remote site telephony (SRST) reference to assign to devices in this device pool. You have the following options available:</p> <ul style="list-style-type: none"> • Disable – If you choose this option, devices in this device pool will not have SRST reference gateways available to them. • Use Default Gateway – If you choose this option, devices in this device pool use the default gateway for SRST. • Existing SRST references – If you choose an SRST reference from the drop-down list, devices in this device pool will use this SRST reference gateway.
Media Resource Group List	From the drop-down list box, choose a media resource group list. A media resource group list specifies a prioritized list of media resource groups. An application selects the required media resource (for example, a music on hold server, transcoder, or conference bridge) from the available media resource groups according to the priority order that is defined in a media resource group list.
User Hold MOH Audio Source	Choose the audio source to use for music on hold (MOH) when a user initiates a hold action.
Network Hold MOH Audio Source	Choose the audio source to use for music on hold (MOH) when the network initiates a hold action.

Table 8-1 Device Pool Configuration Settings (continued)

Field Name	Description
User Locale	<p>From the drop-down list box, choose the locale that is associated with the phones and gateways in the device pool. The user locale identifies a set of detailed information to support users, including language and font.</p> <p>Note If the user does not choose a user locale, the locale specified in the Cisco CallManager clusterwide parameters as Default User Locale applies.</p>
Network Locale	<p>From the drop-down list box, choose the locale that is associated with the phone. The network locale contains a definition of the tones and cadences that are used by the phones and gateways in the device pool in a specific geographic area.</p> <p>Note If the user does not choose a network locale, the locale specified in the Cisco CallManager clusterwide parameters as Default Network Locale applies.</p> <p>Note Choose only a network locale that is already installed and supported by the associated devices. The list contains all available network locales for this setting, but not all are necessarily installed. If a device is associated with a network locale that it does not support in the firmware, the device will fail to come up.</p>
Calling Search Space for Auto-registration	<p>Choose the calling search space to assign to devices in this device pool that auto-registers with Cisco CallManager. The calling search space specifies partitions that devices can search when attempting to complete a call.</p>
Softkey Template	<p>From the drop-down list box, choose the softkey template that is associated with the devices in the device pool.</p>

Related Topics

- [Adding a Device Pool, page 8-2](#)
- [Updating a Device Pool, page 8-3](#)
- [Deleting a Device Pool, page 8-4](#)