



## Device Pool Configuration

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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
- Media resource group list
- Music On Hold (MOH) audio sources
- Calling search space for auto-registration
- Auto-answer enable for Cisco IP phones that support this feature

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

- [Adding a Device Pool, page 8-2](#)
- [Updating a Device Pool, page 8-4](#)
- [Deleting a Device Pool, page 8-5](#)
- [Device Pool Configuration Settings, page 8-6](#)

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](#).
- Media resource group list (optional). See the [“Adding a Media Resource Group List” section on page 29-2](#).
- MOH audio sources (optional). See the [“Adding a Music On Hold Audio Source” section on page 27-2](#).
- Calling search space for auto-registration (optional). See the [“Adding a Calling Search Space” section on page 13-3](#).

## Procedure

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- 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 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 8-6.
- Step 4** Click **Insert** to save the device pool information in the database.
- Step 5** Click either **Auto Answer On** or **Auto Answer Off** to enable or disable the Auto Answer feature on all phones that support it in this device pool. For more information on configuring the Auto Answer feature, see the “[Configuring Directory Numbers](#)” section on page 42-26.
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## Related Topics

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

# Updating a Device Pool

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

## Procedure

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- Step 1** Choose **System > Device Pool**.
- Step 2** In the Device Pools list, choose the device pool you want to update.
- Step 3** Update the appropriate settings as described in [Table 8-1](#). Before saving the changes, you can click **Cancel** to reset all fields to original values.
- 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 selected device pool, click **Restart Devices**.



### Tips

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

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### Caution

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Restarting devices can cause them to drop calls.

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## Related Topics

- [Adding a Device Pool, page 8-2](#)
- [Deleting a Device Pool, page 8-5](#)
- [Device Pool Configuration Settings, page 8-6](#)

# 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 42-9](#).
- Delete the devices assigned to the device pool you want to delete. See the [“Deleting a Phone” section on page 42-10](#).

## Procedure

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

- [Adding a Device Pool, page 8-2](#)
- [Updating a Device Pool, page 8-4](#)
- [Device Pool Configuration Settings, page 8-6](#)

# 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 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.
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.
Media Resource Group List	Choose a media resource group list from the drop-down list box. 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 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
Calling Search Space for Auto-registration	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 devices that can search when attempting to complete a call.
Auto-Answer Feature Control	<p>Choose enable/disable for the auto-answer feature on Cisco IP phones that support this feature:</p> <ul style="list-style-type: none"> <li>• <b>Auto Answer On</b> enables auto-answer for all lines on all phones in the device pool.</li> <li>• <b>Auto Answer Off</b> disables auto-answer for all lines on all phones in the device pool.</li> </ul> <p>The auto-answer feature automatically delivers calls to agents who are available and ready to take calls. Agents receive a notification that the call has arrived (for example, a zip tone or a beep tone) but do not have to press a button to answer the call.</p> <p>You must reset the phones to apply changes to Auto Answer settings.</p> <p>You can override the device pool setting for auto-answer when configuring individual lines (directory numbers) on the phones in the device pool.</p>

**Related Topics**

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

