



## Media Resource Group Configuration

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Media resource management comprises working with media resource groups and media resource group lists. Media resource management provides a mechanism for managing media resources, so that they can be shared by all Cisco CallManagers within a cluster. Media resources provide conferencing, transcoding, media termination, and music on hold services.

You can associate a Media Resource Group, a logical grouping of media servers, with a geographical location or with a site as desired. You can also form Media Resource Groups to control the usage of servers or the type of service (unicast or multicast) desired.

You can group devices of the following types into a single Media Resource Group:

- Conference Bridge (CFB)
- Media Termination Point (MTP)
- Music On Hold Server (MOH)
- Transcoder (XCODE)

Use the following topics to configure Media Resource Groups:

- [Adding a Media Resource Group, page 28-2](#)
- [Updating a Media Resource Group, page 28-3](#)
- [Copying a Media Resource Group, page 28-4](#)
- [Deleting a Media Resource Group, page 28-6](#)
- [Media Resource Group Configuration Settings, page 28-7](#)

- [Understanding Media Resources](#), *Cisco CallManager System Guide*
- [Media Resource Group and Media Resource Group List Configuration Checklist](#), *Cisco CallManager System Guide*

#### Related Topics

- [Chapter 29, “Media Resource Group List Configuration”](#)

## Adding a Media Resource Group

Perform the following procedure to add a Media Resource Group.



#### Note

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You cannot delete a media resource, such as a conference bridge, that is part of a Media Resource Group unless you first remove the resource from the Media Resource Group or you delete the Media Resource Group that contains the media resource.

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#### Procedure

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- Step 1** Choose **Service > Media Resource Group**.
- The Media Resource Group Configuration window displays. The Media Resource Group: New title displays with a *Status: Ready* indicator.
- Step 2** In the Media Resource Groups list, choose <Add New Media Resource Group>.
- Step 3** Enter the appropriate settings as described in [Table 28-1](#). At any point, click the **Cancel Changes** button to clear all input if necessary.
- Step 4** Click **Insert**.
- The Status changes from *Ready* to *Insert completed*. The Media Resource Groups list now includes the new Media Resource Group.
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#### Related Topics

- [Updating a Media Resource Group](#), page 28-3
- [Copying a Media Resource Group](#), page 28-4

- [Deleting a Media Resource Group](#), page 28-6
- [Media Resource Group Configuration Settings](#), page 28-7
- [Understanding Media Resources](#), *Cisco CallManager System Guide*
- [Media Resource Group and Media Resource Group List Configuration Checklist](#), *Cisco CallManager System Guide*

## Updating a Media Resource Group

Perform the following procedure to update an existing Media Resource Group.



### Note

You cannot delete a media resource, such as a conference bridge, that is part of a Media Resource Group unless you first remove the resource from the Media Resource Group or you delete the Media Resource Group that contains the media resource.

### Procedure

- Step 1** Choose **Service > Media Resource Group**.  
The Media Resource Group Configuration window displays. The Media Resource Group: New title displays with a *Status: Ready* indicator.
- Step 2** From the Media Resource Groups list, choose an existing Media Resource Group.  
The Media Resource Group title displays the name of the chosen Media Resource Group. The fields below display the previously defined values for this Media Resource Group.
- Step 3** Update the desired settings as described in [Table 28-1](#). At any point, click the **Cancel Changes** button to clear all new input and revert to the previous settings if necessary.



### Note

Restarting devices resets all devices associated with this Media Resource Group. Cisco CallManager may drop active calls on affected gateways.

**Step 4** Click **Update**.

The Status changes from *Ready* to *Update completed*. The Media Resource Groups list shows the updated Media Resource Group as highlighted.

**Step 5** To restart all devices in a Media Resource Group (both available and selected resources), click the **Restart Devices** button.

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#### Related Topics

- [Adding a Media Resource Group, page 28-2](#)
- [Copying a Media Resource Group, page 28-4](#)
- [Deleting a Media Resource Group, page 28-6](#)
- [Media Resource Group Configuration Settings, page 28-7](#)
- [Understanding Media Resources, Cisco CallManager System Guide](#)
- [Media Resource Group and Media Resource Group List Configuration Checklist, Cisco CallManager System Guide](#)

## Copying a Media Resource Group

Perform the following procedure to copy an existing Media Resource Group.

#### Procedure

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**Step 1** Choose **Service > Media Resource Group**.

The Media Resource Group Configuration window displays. The Media Resource Group: New title displays with a *Status: Ready* indicator.

**Step 2** From the Media Resource Groups list, choose an existing Media Resource Group.

The Media Resource Group title displays the name of the chosen Media Resource Group. The fields below the Media Resource Group title display the previously defined values for this Media Resource Group.

**Step 3** Click the **Copy** button.

- Step 4** Update the desired settings as described in [Table 28-1](#). At any point, click the **Cancel Changes** button to clear all new input and revert to the previous settings if necessary. To restart all devices in a Media Resource Group (both available and selected resources), click the **Restart Devices** button.



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**Note** You must change at least the Media Resource Group Name.

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**Note** Restarting devices resets all devices associated with this Media Resource Group. Cisco CallManager may drop active calls on affected gateways.

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- Step 5** Click **Insert**.

The Status changes from *Ready* to *Insert completed*. The Media Resource Groups list shows the new Media Resource Group as highlighted.

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#### Related Topics

- [Adding a Media Resource Group, page 28-2](#)
- [Updating a Media Resource Group, page 28-3](#)
- [Deleting a Media Resource Group, page 28-6](#)
- [Media Resource Group Configuration Settings, page 28-7](#)
- [Understanding Media Resources, Cisco CallManager System Guide](#)
- [Media Resource Group and Media Resource Group List Configuration Checklist, Cisco CallManager System Guide](#)

# Deleting a Media Resource Group

Perform the following procedure to delete an existing Media Resource Group.

**Note**

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You cannot delete a Media Resource Group that is assigned to a Media Resource Group List unless you first remove the Media Resource Group from the Media Resource Group List(s) to which it is assigned.

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**Procedure**

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- Step 1** Choose **Service > Media Resource Group**.
- The Media Resource Group Configuration window displays. The Media Resource Group: New title displays with a *Status: Ready* indicator.
- Step 2** From the Media Resource Groups list, choose an existing Media Resource Group.
- The Media Resource Group title displays the name of the chosen Media Resource Group. The fields below the Media Resource Group title display the previously defined values for this Media Resource Group.
- Step 3** Click the **Delete** button.
- A popup window displays the following warning:
- You are about to permanently delete this Media Resource Group. This action cannot be undone.
- Continue?
- Step 4** Click **OK**.
- The chosen Media Resource Group no longer appears on the Media Resource Groups list. The Status changes from *Ready* to *Delete completed*.
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**Related Topics**

- [Adding a Media Resource Group, page 28-2](#)
- [Copying a Media Resource Group, page 28-4](#)
- [Updating a Media Resource Group, page 28-3](#)
- [Media Resource Group Configuration Settings, page 28-7](#)

- [Understanding Media Resources](#), *Cisco CallManager System Guide*
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## Media Resource Group Configuration Settings

[Table 28-1](#) describes the configuration settings used for configuring Media Resource Groups.

**Table 28-1** *Media Resource Group Configuration Settings*

Field	Description
Media Resource Group Name	Enter a unique name in this required field for the Cisco CallManager to identify the Media Resource Group. This name can comprise up to 50 characters. Valid characters include letters, numbers, spaces, dashes, dots (periods), and underscores.
Description	Enter a description for the Media Resource Group. This description can comprise up to 50 characters. Ensure Description does not contain double quotes (“”), less than (<), greater than (>), or the percent sign (%).
Devices for this Group	This area comprises two panes that are used to define the media resources for a Media Resource Group: Available Media Resources and Selected Media Resources.

Table 28-1 Media Resource Group Configuration Settings (continued)

Field	Description
Available Media Resources	<p>This pane lists the media resources that can be chosen for a Media Resource Group. The list includes the following media resource types:</p> <ul style="list-style-type: none"> <li>• Conference Bridges (CFB)</li> <li>• Media Termination Points (MTP)</li> <li>• Music On Hold Servers (MOH)</li> <li>• Transcoders (XCODE)</li> </ul> <p>Music On Hold servers configured for multicast are labeled as <i>(MOH)[Multicast]</i>.</p> <p>To add a media resource for this Media Resource Group, choose one from the list and click the down arrow. After a media resource is added, its name moves to the Selected Media Resources pane.</p>
Selected Media Resources	<p>This pane lists the media resources that were chosen for a Media Resource Group. For any Media Resource Group, you must choose at least one media resource.</p> <p>To delete (unselect) a media resource, choose its name in the list and click the up arrow.</p>
Use Multicast for MOH Audio	<p>To use multicast for Music On Hold Audio, check this check box. To do so, make sure at least one of the Selected Media Resources is a multicast MOH server.</p> <p><b>Note</b> The system administrator is responsible for configuring or creating multicast audio sources.</p>

#### Related Topics

- [Adding a Media Resource Group, page 28-2](#)
- [Updating a Media Resource Group, page 28-3](#)
- [Copying a Media Resource Group, page 28-4](#)

- [Deleting a Media Resource Group, page 28-6](#)
- [Chapter 29, “Media Resource Group List Configuration”](#)
- [Understanding Media Resources, \*Cisco CallManager System Guide\*](#)
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