



## CHAPTER 54

# Media Resource Group Configuration

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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)
- Annunciator (ANN)

Use the following topics to configure media resource groups:

- [Media Resource Group Configuration Settings, page 54-1](#)
- [Understanding Media Resources](#), *Cisco Unified Communications Manager System Guide*
- [Media Resource Group and Media Resource Group List Configuration Checklist](#), *Cisco Unified Communications Manager System Guide*

## Media Resource Group Configuration Settings

In Cisco Unified Communications Manager Administration, use the **Media Resources > Media Resource Group** menu path to configure media resource groups.

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 all Cisco Unified Communications Managers within a cluster can share them. Media resources provide conferencing, transcoding, media termination, annunciator, 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) that is desired.

### Tips About Configuring Media Resource Groups

Be aware that 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.

### Tips About Deleting Media Resource Groups

You cannot delete a media resource group that is assigned to a Media Resource Group List. To find out which media resource groups lists are using the media resource group, in the Media Resource Group Configuration window, from the Related Links drop-down list box, choose **Dependency Records** and click **Go**. If the dependency records are not enabled for the system, the dependency records summary window displays a message. For more information about dependency records, see the [“Accessing Dependency Records” section on page A-2](#). If you try to delete a media resource group that is in use, Cisco Unified Communications Manager displays a message. Before deleting a media resource group that is currently in use, you must perform either or both of the following tasks:

- Assign a different media resource group list to any media resource groups that are using the media resource group that you want to delete. See the [“Media Resource Group List Configuration Settings” section on page 55-1](#).
- Delete the media resource group lists that are using the media resource group that you want to delete. See the [“Tips About Deleting Media Resource Group Lists” section on page 55-1](#).

### Using the GUI

For instructions on how to use the Cisco Unified Communications Manager Administration Graphical User Interface (GUI) to find, delete, configure, or copy records, see the [“Navigating the Cisco Unified Communications Manager Administration Application” section on page 1-13](#) and its subsections, which explain how to use the GUI and detail the functions of the buttons and icons.

### Configuration Settings Table

[Table 54-1](#) describes the configuration settings that are used for configuring media resource groups. For more information about related procedures, see the [“Related Topics” section on page 54-3](#).

**Table 54-1** Media Resource Group Configuration Settings

Field	Description
Name	Enter a unique name in this required field for the Cisco Unified Communications Manager 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. The description can include up to 50 characters in any language, but it cannot include double-quotes (“), percentage sign (%), ampersand (&), or angle brackets (<>).
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 54-1 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> <li>• Annunciator (ANN)</li> </ul> <p>Music on hold servers that are configured for multicast get 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 (If at least one multicast MOH resource is available)	<p>To use multicast for Music On Hold Audio, check this check box. To do so, make sure that at least one of the selected media resources is a multicast MOH server.</p> <p><b>Note</b> The system administrator configures or creates multicast audio sources.</p>

**Additional Information**

See the “[Related Topics](#)” section on page 54-3.

## Related Topics

- [Media Resource Group Configuration, page 54-1](#)
- [Media Resource Group Configuration Settings, page 54-1](#)
- [Accessing Dependency Records, page A-2](#)
- [Understanding Media Resources, Cisco Unified Communications Manager System Guide](#)
- [Media Resource Group and Media Resource Group List Configuration Checklist, Cisco Unified Communications Manager System Guide](#)

**Media Resource Group List**

- [Media Resource Group List Configuration, page 55-1](#)

