



Media Termination Point Configuration

A Media Termination Point software device allows Cisco Unified CallManager to relay calls that are routed through SIP or H.323 endpoints or gateways. A media termination point device can be allocated because of DTMF or RSVP requirements. When a media termination point is allocated for RSVP, it can be inserted between any type of endpoint device, including SIP or H.323 devices.

Media termination point, a Cisco software application, installs on a server during the software installation process. You must activate and start the Cisco IP Voice Media Streaming App service on the server on which you configure the media termination point device. For information on activating and starting services, refer to the *Cisco Unified CallManager Serviceability Administration Guide*.

Each media termination point device that is defined in the database registers with the Media Resource Manager (MRM). The MRM keeps track of the total available media termination point devices in the system and of which devices have available resources.

During resource reservation, the MRM determines the number of resources and identifies the media resource type (in this case, the media termination point) and the location of the registered media termination point device. The MRM updates its share resource table with the registration information and propagates the registered information to the other Cisco Unified CallManagers within the cluster.

The media termination point and transcoder can register with the same Cisco Unified CallManager. See the [“Transcoder Configuration” section on page 58-1](#) for more information.

Each media termination point receives a list of Cisco Unified CallManagers, in priority order, to which it should attempt to register. Each media termination point can register with only one Cisco Unified CallManager at a time.



Note

Depending on the capabilities of the SIP end-point, Cisco Unified CallManager may require an RFC 2833 DTMF-compliant media termination point device to make SIP calls. For RSVP calls, the Media Resource Group List (MRGL) that is associated with the endpoint device needs to include the media termination point devices that support RSVP.

Use the following topics to add, update, and delete media termination points:

- [Finding a Media Termination Point, page 54-2](#)
- [Configuring a Media Termination Point, page 54-3](#)
- [Deleting a Media Termination Point, page 54-4](#)
- [Related Topics, page 54-5](#)

Finding a Media Termination Point

Because you might have several media termination points in your network, Cisco Unified CallManager lets you locate specific media termination points on the basis of specific criteria. Use the following procedure to locate media termination points.



Note

During your work in a browser session, Cisco Unified CallManager Administration retains your media termination point search preferences. If you navigate to other menu items and return to this menu item, Cisco Unified CallManager Administration retains your media termination point search preferences until you modify your search or close the browser.

Procedure

Step 1 Choose **Media Resources > Media Termination Point**.

The Find and List Media Termination Points window displays. Use the two drop-down list boxes to search for a media termination point.

Step 2 From the first Find Media Termination Points where drop-down list box, choose one of the following criteria:

- Name
- Description
- Device Pool

From the second Find Media Termination Points where drop-down list box, choose one of the following criteria:

- begins with
- contains
- ends with
- is exactly
- is not empty
- is empty

Step 3 Specify the appropriate search text, if applicable, and click **Find**. You can also specify how many items per page to display.



Tip

To find all media termination points that are registered in the database, click **Find** without entering any search text.

A list of discovered media termination points displays by

- Media Termination Point icon
- Media Termination Point name
- Description
- Device Pool
- Status
- IP Address

**Note**

You can delete multiple media termination points from the Find and List Media Termination Points window by checking the check boxes next to the appropriate media termination points and clicking **Delete Selected**. You can delete all media termination points in the window by clicking **Select All** and click **Delete Selected**.

- Step 4** Click the Media Termination Point icon or name, the Description, or the associated Device Pool from the list of records that match your search criteria.

The window displays the media termination point that you choose.

Additional Information

See the [“Related Topics” section on page 54-5](#).

Configuring a Media Termination Point

This section describes how to add, copy, or update a Media Termination Point.

**Note**

To perform this procedure, you must activate the Cisco IP Voice Media Streaming App service by using Cisco Unified CallManager Serviceability. For information about activating services, refer to the *Cisco Unified CallManager Serviceability Administration Guide*.

Before You Begin

Make sure that the following prerequisites are met before you proceed with the steps:

- Ensure servers are configured.
- Ensure device pools are configured.

**Note**

You can have only one Media Termination Point device for each Cisco Unified CallManager server. When a Cisco Unified CallManager Server is added, a media termination point device automatically gets created for the server but is not available for use until the Cisco IP Voice Media Streaming App service gets activated.

Procedure

- Step 1** Perform one of the following tasks:
- To add a Media Termination Point, choose **Media Resources > Media Termination Point**. The Find and List Media Termination Point window displays. Click **Add New**.
 - To copy a Media Termination Point, choose **Media Resources > Media Termination Point**. The Find and List Media Termination Point window displays. Click the Copy icon next to the media termination point that you want to copy.
 - To update a Media Termination Point, locate the media termination point by using the procedure in the [“Finding a Media Termination Point” section on page 54-2](#).

- Step 2** Enter the appropriate settings as described in [Table 54-1](#).
- Step 3** Click **Save**.

Additional Information

See the “[Related Topics](#)” section on page 54-5.

Cisco IOS Media Termination Point Configuration Settings

[Table 54-1](#) describes Cisco IOS media termination point configuration settings.

Table 54-1 Cisco IOS Media Termination Point Configuration Settings

Field	Description
Media Termination Point Type	Choose Cisco IOS Enhanced Software Media Termination Point . For specific information on this media termination point type, refer to “ Media Termination Points ” in the <i>Cisco Unified CallManager System Guide</i> .
Media Termination Point Name	Enter a name for the media termination point, up to 15 alphanumeric characters. Tip Ensure that you enter the same media termination point name that exists in the gateway Command Line Interface (CLI).
Description	Enter any description for the media termination point.
Device Pool	Choose a device pool that has the highest priority within the Cisco Unified CallManager group that you are using or choose Default .

Additional Information

See the “[Related Topics](#)” section on page 54-5.

Deleting a Media Termination Point

This section describes how to delete a Media Termination Point.

Before You Begin

Before deleting a media termination point that is currently in use and is the last device in the Media Resource Group, you should perform either or both of the following tasks:

- Assign a different media termination point to the media resource groups that are using the media termination point that you want to delete. See the “[Deleting a Media Resource Group](#)” section on [page 59-5](#) section.
- Delete the media resource groups that are using the media termination point that you want to delete. See the “[Deleting a Media Resource Group](#)” section on [page 59-5](#).

Procedure

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- Step 1** Locate the media termination point by using the procedure in the [“Finding a Media Termination Point” section on page 54-2](#).
- Step 2** Click the media termination point that you want to delete.
- Step 3** Click **Delete Selected**.
- A message displays the following warning:
- You are about to permanently delete this Media Termination Point. This action cannot be undone. Continue?
- Step 4** To delete the media termination point, click **OK**.
- If this is the last device in the Media Resource Group, the Media Resource Group will remain as an empty group.
- Step 5** Click **OK**.
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Additional Information

See the [“Related Topics” section on page 54-5](#).

Related Topics

- [Finding a Media Termination Point, page 54-2](#)
- [Configuring a Media Termination Point, page 54-3](#)
- [Deleting a Media Termination Point, page 54-4](#)
- [Related Topics, page 54-5](#)
- [Transcoders, page 25-1](#)
- [Media Termination Points, Cisco Unified CallManager System Guide](#)
- [Resource Reservation Protocol, Cisco Unified CallManager System Guide](#)

