



# Annunciator Setup

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This chapter provides information to find and update annunciators. For additional information, see topics related to annunciators and trusted relay points in the *Cisco Unified Communications Manager System Guide*. Also see topics related to multilevel precedence and preemption in the *Cisco Unified Communications Manager Features and Services Guide*.

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## About Annunciator Setup

In Cisco Unified Communications Manager Administration, use the **Media Resources > Annunciator** menu path to configure annunciators.

An annunciator, an SCCP device that uses the Cisco Media Streaming Application service, enables Cisco Unified Communications Manager to play prerecorded announcements (.wav files) and tones to Cisco Unified IP Phones and gateways. The annunciator, which works with Cisco Multilevel Precedence and Preemption (MLPP), enables Cisco Unified Communications Manager to alert callers as to why the call fails. Annunciator can also play tones for some transferred calls and some conferences.

### Annunciator Configuration Tips

Verify that you have activated the Cisco IP Voice Media Streaming Application service on the server where you plan to configure the annunciator. For information on activating services, see the Cisco Unified Serviceability Administration Guide.



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**Tip**

When you add a Cisco Unified Communications Manager server, the annunciator for the sever automatically gets added to the database. After you activate the Cisco IP Voice Media Streaming Application service, the annunciator device registers with Cisco Unified Communications Manager.

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**Tip** The annunciator provided by the Cisco IP Voice Media Streaming Application service supports both IPv4 and IPv6 audio media connections. The annunciator is configured automatically in dual mode when the platform is configured for IPv6 and the IPv6 enterprise parameter is enabled. The annunciator supports only IPv4 for the TCP control channel. The annunciator supports secure media SRTP connections to both IPv4 and IPv6 addresses.

Before you begin to configure an annunciator, verify that you have completed the following tasks:

- Configured the appropriate servers
- Configured device pools

## Annunciator Deletion

You cannot delete an annunciator if other devices are using it. If you find that any devices are using the annunciator that you want to delete, you must first update those devices to use a different annunciator.

To find which devices are using the annunciator, choose Dependency Records from the Related Links drop-down list menu and click Go. If the dependency records are not enabled for the system, the dependency records summary window displays a message.

## Annunciator Settings

The following table describes the annunciator settings.

**Table 1: Annunciator Settings**

Field	Description
Server	The system automatically displays the preconfigured server (servers get added at installation).
Name	This field designates the name that is used when the device registers with the Cisco Unified Communications Manager. Enter a name of up to 15 alphanumeric characters (you can use periods, dashes, and underscores).
Description	Enter a description of up to 128 alphanumeric characters (you can use periods, dashes, and underscores). Default uses the server name, which includes the prefix ANN_.
Device Pool	Choose Default or choose a device pool from the drop-down list of configured device pools.

Field	Description
Location	<p>Use locations to implement call admission control (CAC) in a centralized call-processing system. CAC allows you to regulate audio quality and video availability by limiting the bandwidth that is available for audio and video calls over links between locations. The location specifies the total bandwidth that is available for calls to and from this location.</p> <p>From the drop-down list box, choose the appropriate location for this annunciator.</p> <p>A location setting of Hub_None means that the locations feature does not keep track of the bandwidth that this annunciator consumes. A location setting of Phantom specifies a location that enables successful CAC across intercluster trunks that use H.323 protocol or SIP.</p> <p>To configure a new location, use the <b>System &gt; Location</b> menu option.</p> <p>For an explanation of location-based CAC across intercluster trunks, see the <i>Cisco Unified Communications Manager System Guide</i>.</p>

Field	Description
Use Trusted Relay Point	<p>From the drop-down list box, enable or disable whether Cisco Unified Communications Manager inserts a trusted relay point (TRP) device with this media endpoint. Choose one of the following values:</p> <ul style="list-style-type: none"> <li>• Off—Choose this value to disable the use of a TRP with this device.</li> <li>• On—Choose this value to enable the use of a TRP with this device.</li> </ul> <p>A Trusted Relay Point (TRP) device designates an MTP or transcoder device that is labeled as Trusted Relay Point.</p> <p>Cisco Unified Communications Manager places the TRP closest to the associated endpoint device if more than one resource is needed for the endpoint (for example, a transcoder or RSVPAgent).</p> <p>If both TRP and MTP are required for the endpoint, TRP gets used as the required MTP. For details of call behavior, see <i>Cisco Unified Communications Manager System Guide</i>.</p> <p>If both TRP and RSVPAgent are needed for the endpoint, Cisco Unified Communications Manager first tries to find an RSVPAgent that can also be used as a TRP.</p> <p>If both TRP and transcoder are needed for the endpoint, Cisco Unified Communications Manager first tries to find a transcoder that is also designated as a TRP.</p> <p>See the <i>Cisco Unified Communications Manager System Guide</i> for a complete discussion of network virtualization and trusted relay points.</p>

## Synchronize Annunciators

To synchronize an annunciator with the most recent configuration changes, perform the following procedure, which applies any outstanding configuration settings in the least-intrusive manner possible. (For example, a reset/restart may not be required on some affected devices.)

### Procedure

**Step 1** Choose **Media Resources > Annunciator**.

The Find and List Annunciators window displays.

**Step 2** Choose the search criteria to use.

**Step 3** Click Find.

The window displays a list of annunciators that match the search criteria.

**Step 4** Check the check boxes next to the annunciators that you want to synchronize. To choose all annunciators in the window, check the check box in the matching records title bar.

**Step 5** Click Apply Config to Selected.

The Apply Configuration Information dialog displays.

**Step 6** Click OK.

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