



# CHAPTER 19

## Transport Listeners

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You can configure transport listeners for the SIP proxy server, presence engine, and profile agent. The system binds each transport listener to a specific address and port combination. If you choose TLS protocol, you must also choose a TLS context.

### Finding Transport Listeners

Because you might have several transport listeners in your network, Cisco Unified Presence lets you locate specific transport listeners on the basis of specific criteria. Use the following procedure to locate transport listeners.

**Note**

During your work in a browser session, the cookies on the client machine store your find/list search preferences. If you navigate to other menu items and return to this menu item, or if you close the browser and then open a new browser window, the system retains your Cisco Unified Presence search preferences until you modify your search.

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**Procedure**

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**Step 1** Choose Cisco Unified Presence > **Transport Listeners**.

The Find and List Transport Listeners window displays. Records from an active (prior) query may also display in the window.

**Step 2** To find all records in the database, ensure the dialog box is empty; go to [Step 3](#).

To filter or search records

- From the first drop-down list box, choose a search parameter.
- From the second drop-down list box, choose a search pattern.
- Specify the appropriate search text, if applicable.

**Note**

To add additional search criteria, click the + button. When you add criteria, the system searches for a record that matches all criteria that you specify. To remove criteria, click the – button to remove the last added criterion or click the **Clear Filter** button to remove all added search criteria.

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**Step 3** Click **Find**.

All matching records display. You can change the number of items that display on each window by choosing a different value from the Rows per Page drop-down list box.



**Note** You can delete multiple records from the database by checking the check boxes next to the appropriate record and clicking **Delete Selected**. You can delete all configurable records for this selection by clicking **Select All** and then clicking **Delete Selected**.

**Step 4** From the list of records that display, click the link for the record that you want to view.

**Note** To reverse the sort order, click the up or down arrow, if available, in the list header.

The window displays the item that you choose.

**Additional Information**

See the “[Related Topics](#)” section on page 19-4.

## Configuring a Transport Listener

This section describes how to add or update transport listeners in the Cisco Unified Presence database.

**Procedure****Step 1** Perform one of the following tasks:

To add a transport listener, choose Cisco Unified Presence > **Transport Listeners** and click **Add New**.

- To update a transport listener, find the transport listener by using the procedure in the “[Finding Transport Listeners](#)” section on page 19-1.

The Transport Listener Configuration window displays.

**Step 2** Enter the appropriate settings as described in [Table 19-1](#).

**Note** You must restart the SIP proxy server before any changes that you make to the transport listeners take effect. To restart the proxy server, choose Cisco Unified Presence > **Proxy Server > Settings**. For more information, see [Proxy Server Settings](#).

**Step 3** To save the data, click the **Save** icon that displays in the tool bar in the upper, left corner of the window (or click the **Save button** that displays at the bottom of the window).**Additional Information**

See the “[Related Topics](#)” section on page 19-4.

# Transport Listener Configuration Settings

Table 19-1 describes the transport listener configuration settings. For related procedures, see the “Related Topics” section on page 19-4.

**Table 19-1** Transport Listener Configuration Settings

Field	Description
Name	This parameter specifies the unique name of this transport listener.
Port	This parameter specifies the port number that is configured for this SIP transport.
Protocol Type	This parameter specifies what type of protocol that this SIP transport will use, TCP, UDP, or TLS.
Service Type	This parameter specifies the service type of this transport listener: <ul style="list-style-type: none"> <li>• Cisco Proxy Server</li> <li>• Cisco Presence</li> <li>• Cisco Unified Client Profile Agent</li> </ul>
TLS Context	This parameter specifies the TLS context that is associated with this transport listener and only applies when you choose the TLS protocol type. <p><b>Note</b> The available TLS contexts get configured in the TLS Context Configuration window.</p>

## Deleting a Transport Listener

This section describes how to delete a transport listener.

### Procedure

**Step 1** Find the transport listener by using the procedure in the “[Finding Transport Listeners](#)” section on page 19-1.

**Step 2** From list of matching records, choose the transport listener that you want to delete.



**Note** You must restart the SIP proxy server before any changes that you make to the transport listeners take effect. To restart the proxy server, choose Cisco Unified Presence > **Proxy Server** > **Settings**. For more information, see [Proxy Server Settings](#).

**Step 3** To delete the transport listener, click the **Delete Selected Item** icon that displays in the tool bar in the upper, left corner of the window (or click the **Delete Selected** button that displays at the bottom of the window).

If the transport listener is not in use, Cisco Unified Presence deletes it. If it is in use, a message displays.

**Additional Information**

See the “[Related Topics](#)” section on page 19-4.

## Related Topics

- [Finding Transport Listeners, page 19-1](#)
- [Configuring a Transport Listener, page 19-2](#)
- [Deleting a Transport Listener, page 19-3](#)