



CHAPTER 16

TLS Context Configuration

Each transport listener can have a single associated transport layer security (TLS) context, and each TLS context can have multiple ciphers and peer subjects.

TLS context configuration enables you to map ciphers and peer subjects to a transport listener.

Finding TLS Contexts

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



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.

Procedure

Step 1 Choose Cisco Unified Presence > **Security** > **TLS Context Configuration**.

The Find and List TLS Contexts 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 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.

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 16-4](#).

Configuring a TLS Context

This section describes how to add or update TLS contexts in the Cisco Unified Presence database.

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

- To add a TLS context, choose Cisco Unified Presence > **Security** > **TLS Context Configuration** and click **Add New**.
- To update a TLS context, find the TLS context by using the procedure in the [“Finding TLS Contexts” section on page 16-1](#).

The TLS Context Configuration window displays.

Step 2 Enter the appropriate settings as described in [Table 16-1](#).**Step 3** To choose the appropriate TLS cipher, click the up or down arrow.**Step 4** To choose the appropriate TLS peer subject, click the up or down arrow.

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

Step 5 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 16-4.

TLS Context Configuration Settings

Table 16-1 describes the TLS context configuration settings. For related procedures, see the “[Related Topics](#)” section on page 16-4.

Table 16-1 TLS Context Configuration Settings

Field	Description
Name	This parameter specifies the unique name of the associated transport listener.
Description	This parameter specifies a description of this TLS context.
Authorization Policy	This parameter specifies the authorization type for this particular TLS context. From the drop-down list, choose either Server or Peer (default).
TLS Cipher Mapping	These fields display the available and selected TLS ciphers.
TLS Peer Subject Mapping	These fields display the available and selected TLS peer subjects. Note You can define TLS peer subjects in the TLS Peer Subjects window.

Deleting a TLS Context

This section describes how to delete a TLS context.

Procedure

-
- Step 1** Find the TLS context by using the procedure in the “[Finding TLS Contexts](#)” section on page 16-1.
- Step 2** From list of matching records, choose the TLS context that you want to delete.



Note You must restart the SIP proxy server before any changes that you make to the TLS context 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 TLS context, 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 TLS context 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 16-4.

Related Topics

- [Finding TLS Contexts, page 16-1](#)
- [Configuring a TLS Context, page 16-2](#)
- [Deleting a TLS Context, page 16-3](#)