



CHAPTER 12

Static Routes

Use static routes to configure a static route that the SIP proxy server uses. A dynamic route represents a path through the network that automatically get calculated according to routing protocols and routing update messages. A static route represents a fixed path through the network that you explicitly configure. Static routes take precedence over dynamic routes.

Finding Static Routes

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



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 > **Proxy Server** > **Static Routes**.

The Find and List Static Routes 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.

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 12-4](#).

Configuring Static Routes

This section describes how to add or update static routes in the Cisco Unified Presence database.

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

- To add a static route, choose Cisco Unified Presence > **Proxy Server** > **Static Routes** and click **Add New**.
- To update a server, find the server by using the procedure in the [“Finding Static Routes” section on page 12-1](#).

The Static Route Configuration window displays.

Step 2 Enter the appropriate settings as described in [Table 12-1](#).**Step 3** To save the data and to add the server to the database, 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 12-4](#).

Static Route Configuration Settings

[Table 12-1](#) describes the static route configuration settings. For related procedures, see the [“Related Topics” section on page 12-4](#).

Table 12-1 Static Route Configuration Settings

Field	Description
Destination Pattern	<p>This field specifies the pattern of the incoming number.</p> <p>You can use “.” as a wildcard for a single character and “*” as a wildcard for multiple characters.</p> <p>You can also use a dash or hyphen, “-” anywhere in the pattern.</p> <p>Wildcard Usage</p> <p>For phones</p> <ul style="list-style-type: none"> • A dot can exist anywhere in the pattern. • An asterisk can only exist at the end. <p>For IP addresses and host names</p> <ul style="list-style-type: none"> • You can use an asterisk as part of the a host name. • The dot acts as a literal value in a host name. <p>An escaped asterisk sequence, *, matches a literal * and can exist anywhere.</p>
Description	This parameter specifies the description of a particular static route.
Next Hop	This parameter specifies the domain name or IP address of the destination (next hop) and can be either a fully qualified domain name (FQDN) or dotted IP address.
Next Hop Port	This parameter specifies the port number of the destination (next hop). Default: 5060
Route Type	This parameter specifies the route type: User or Domain.
Protocol Type	This parameter specifies the protocol type for this route, TCP, UDP, or TLS.
Priority	This parameter specifies the route priority level. Lower values indicate higher priority. Value range: 1—65535
Weight	This parameter specifies the route weight. Use this parameter only if two or more routes have the same priority. Higher values indicate which route has the higher priority. Value range: 1—65535
Allow Less-Specific Route	This parameter specifies that the route can be less specific.
In Service	<p>This parameter specifies whether this route has been taken out of service.</p> <p>Note This parameter allows the administrator to effectively take a route out of service (versus removing it completely and re-adding it).</p>
Block Route Check Box	<p>Check this check box to block the route.</p> <p>Default value: Unblocked</p>

Deleting a Static Route

This section describes how to delete a static route.

Procedure

- Step 1** Find the static route by using the procedure in the [“Finding Static Routes” section on page 12-1](#).
- Step 2** From list of matching records, choose the static route that you want to delete.
- Step 3** To delete the static route, 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 static route is not in use, Cisco Unified Presence deletes it. If it is in use, a message displays.
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Additional Information

See the [“Related Topics” section on page 12-4](#).

Related Topics

- [Finding Static Routes, page 12-1](#)
- [Configuring Static Routes, page 12-2](#)
- [Deleting a Static Route, page 12-4](#)