VPN Gateway Setup

This chapter provides information about VPN gateway setup. To configure a VPN gateway, you must first upload the VPN concentrator certificates and then configure the VPN gateway.

> ✎
>
> **Note** The VPN menu and its options are not available in the U.S. export unrestricted version of Cisco Unified Communications Manager.

Upload VPN Concentrator Certificates

Generate a certificate on the ASA when you set it up to support the VPN feature. Download the generated certificate to your PC or workstation and then upload it to using the procedure in this section. saves the certificate in the Phone-VPN-trust list.

The ASA sends this certificate during the SSL handshake, and the compares it against the values stored in the Phone-VPN-trust list.

The sends its Manufacturer Installed Certificate (MIC) by default. If you configure the CAPF service, the sends its Locally Significant Certificate (LSC).

To use device level certificate authentication, install the root MIC or CAPF certificate in the ASA, so that the are trusted.

To upload certificates to , use the Cisco Unified OS Administration.

Procedure

Step 1 From Cisco Unified OS Administration, choose **Security** > **Certificate Management**.

Step 2 Click **Upload Certificate**.

The **Upload Certificate** dialog box appears.

Step 3 From the **Certificate Purpose** drop-down list, choose **Phone-VPN-trust**.

Step 4 Click **Browse** to choose the file that you want to upload.

Step 5   Click **Upload File**.

VPN Gateway Setup

Find VPN Gateway

Procedure

Step 1   In Cisco Unified CM Administration, choose **Advanced Features** > **VPN** > **VPN Gateway**.

The **Find and List VPN Gateways** window appears. Records from an active (prior) query may also display in the window.

Step 2   To find all records in the database, do not enter any search criteria.

To filter or search records:

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

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

Step 3   Click **Find**.

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

Step 4   From the list of records that appears, 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.

Configure VPN Gateway

Before you begin

Ensure that you have configured VPN concentrators for each VPN gateway. After configuring the VPN concentrators, upload the VPN concentrator certificates. For more information, see Upload VPN Concentrator Certificates, on page 1.

Procedure

Step 1   From Cisco Unified CM Administration, choose **Advanced Features** > **VPN** > **VPN Gateway**.

Step 2   Perform one of the following tasks:

    a)   Click **Add New** to configure new profile.

    b)   Click the **Copy** next to the VPN gateway that you want to copy.

    c)   Locate the appropriate VPN gateway and modify the settings to update an existing profile.

Step 3   Configure the fields in the **VPN Gateway Configuration** window. For more information, see VPN Gateway Fields for VPN Client, on page 3.

Step 4   Click **Save**.

VPN Gateway Fields for VPN Client

Table 1: VPN Gateway Fields for VPN Client

Field	Description
VPN Gateway Name	Enter the name of the VPN gateway.
VPN Gateway Description	Enter a description of the VPN gateway.
VPN Gateway URL	Enter the URL for the main VPN concentrator in the gateway.
	Note You must configure the VPN concentrator with a group URL and use this URL as the gateway URL.
	For configuration information, refer to the documentation for the VPN concentrator, such as the following:
	• *SSL VPN Client (SVC) on ASA with ASDM Configuration Example*
VPN Certificates in this Gateway	Use the up and down arrow keys to assign certificates to the gateway. If you do not assign a certificate for the gateway, the VPN client fails to connect to that concentrator.
	Note You can assign up to 10 certificates to a VPN gateway, and you must assign at least one certificate to each gateway. Only certificates that are associated with the Phone-VPN-trust role appear in the available VPN certificates list.