Provision Firewall Profiles

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Provision a Firewall Threat Defense Device

This procedure explains how to provision a Firepower Threat Defense (FTD) device managed by Firepower Management Center (FMC).

Before you begin

• Integrate FMC with Cisco DNA Center. See Integrate Firepower Management Center.

• Create a site in a network hierarchy. See Create, Edit and Delete a Site.

• Create a network profile for firewall and assign it to a site for which the FTD device is provisioned. See Create Network Profiles for Firewall.

Step 1   Click the menu icon (≡) and choose **Provision** > **Network Devices** > **Inventory**.

The Inventory page displays the device information that is gathered during the discovery process.

Step 2   Check the check box next to the FTD device that you want to provision and click **Assign** under the **Site** column.

Step 3   In the **Assign Device to Site** window, click **Choose a Site**.

Step 4   In the **Choose a Site** window, select a site from the hierarchy and click **Save**.

Step 5   Click **Next**.

Step 6   Click **Now** to assign the device to site immediately or click **Later** to schedule at a specific time.

Step 7   Click **Assign**.

> **Note**   You can view the status of assigning device to site in **Activities** > **Tasks**.

Step 8   From the **Actions** drop-down list, choose **Provision** > **Provision Device**.

The **Provision Firewall Profile** window appears.

Step 9   Review the details in the **Confirm Profile** page and click **Next**.

Step 10   Review the details in the **Firewall Type** page and click **Next**.

The **FTD Configuration** page appears.

Step 11 If you have associated a routed mode firewall with the site, do the following:

a) Expand the **Outside Interface** area, choose an outside interface from the **Select Physical Interface** drop-down list, and choose **Static IP** or **DHCP** radio button.

  • **Static IP**: Enter the IP address and a subnet mask.

  • **DHCP**: The IP address is obtained from DHCP.

b) Expand the **Inside Interface** area, choose an inside interface from the **Select Physical Interface** drop-down list, and choose **Static IP** or **DHCP** radio button.

  • **Static IP**: Enter the IP address and a subnet mask.

  • **DHCP**: The IP address is obtained from DHCP.

Step 12 If you have associated a transparent mode firewall with the site, do the following:

a) Expand the **Outside Interface** area and choose an outside interface from the **Select Physical Interface** drop-down list.

b) Expand the **Inside Interface** area and choose an inside interface from the **Select Physical Interface** drop-down list.

c) Expand the **Bridge Virtual Interface** area, and do the following:

  • **Bridge Group Number**: Enter a bridge group number. The valid number is from 1 to 250.

  • **IP**: Enter the IP address of the FTD device.

  • **Subnet Mask**: Enter a subnet mask.

Step 13 Click **Next**.

Step 14 In the **Summary** window, review the device specifications.

Step 15 To proceed, click **Deploy**.

The **Provision Firewall device(s)** dialog box appears.

Step 16 Click **Now**, **Later**, or **Generate configuration preview** radio button.

  • **Now**: Starts the provision immediately.

  • **Later**: Schedules the provisioning at a specific time.

  • **Generate configuration preview:** Generates preview which can be later used to deploy on selected devices.

Step 17 Click **Apply**.

Note   You can view the status of provisioning firewall device in **Activities** > **Tasks**. If you have chosen **Generate configuration preview** in the **Provision Firewall device(s)** dialog box, you can view the status in **Activities** > **Work Items**.