



# Set Up Devices and Connect them to the Network

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The first thing you must do is connect your Firepower Management Center and Firepower Threat Defense devices to the network. Depending on how your organization manages network devices, you might need assistance to install the devices in a rack.

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- [Connect the Firepower Management Center to the Network, on page 1](#)
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## Set Up Devices

Because the various models of physical and virtual devices are set up differently, consult the documentation for your Firepower Management Center and Firepower Threat Defense device to:

- (Physical appliances): Unpack, rack, and connect the device to the network using the [hardware installation guide](#).
- (Virtual devices): Install the virtual machine image and power it up using the [virtual device quick start guides](#).

After performing those tasks, continue with the next section to configure IP addresses and to perform the other tasks necessary to get the Firepower System running.

## Connect the Firepower Management Center to the Network

This task enables you to initially configure the Firepower Management Center for access to the internet. You'll provide an IP address, subnet mask, and other parameters. Refer to the sample network diagram [About the Network Setup](#).

### Before you begin

See [Set Up Devices and Connect them to the Network, on page 1](#).

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- Step 1** Connect to the virtual machine's console in vSphere or the physical appliance's Console port or using Secure Shell (SSH).
  - Step 2** Log in to the Firepower Management Center as the `admin` user. (By default, the password is `Admin123`.)
  - Step 3** At the prompt, enter the following command:

```
sudo configure-network
```

**Step 4** When prompted, enter the password `Admin123`.

**Step 5** Enter the following information at the prompts:

```
Do you want to configure IPv4 (y or n)? y
Management IP address [192.168.45.45]? 10.10.2.2
Management netmask [255.255.255.0]? 255.255.255.0
Management default gateway? 10.10.2.254
Are these settings correct (y or n)? y
Do you wish to configure IPv6? n
```

**Step 6** The following messages are displayed to indicate configuration was successful:

```
Updated network configuration
Updated comms. channel communication
```

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### What to do next

See [Connect the Managed Device to the Network, on page 2](#).

## Connect the Managed Device to the Network

Connecting a Firepower Threat Defense to the network is very similar to connecting a Firepower Management Center to the network. You'll provide an IP address and subnet mask for its management interface, DNS, and, in addition, specify the device should operate in routed mode and be managed by a Firepower Management Center. Refer to the sample network diagram [About the Network Setup](#).

For more information about routed mode, see [About Routed Firewall Mode](#).

### Before you begin

See [Set Up Devices and Connect them to the Network, on page 1](#).

**Step 1** Connect to the virtual machine's console in vSphere or the physical appliance's Console port or using Secure Shell (SSH).

**Step 2** Log in to the device with the default username `admin` and password `Admin123`.

**Step 3** If required by your device, enter `connect ftd`.

**Step 4** Press Enter to display the EULA and press Space to page through it.

**Step 5** When prompted, enter `yes` to accept the EULA.

**Step 6** At the `Enter new password` prompt, enter a password for your managed device and confirm the password when prompted.

**Step 7** Enter the following information at the next prompts:

```
Do you want to configure IPv4 (y/n)? [y] y
Do you want to configure IPv6 (y/n)? [n] n
Configure IPv4 via DHCP or manually? (dhcp/manually) [manual] manual
Enter an IPv4 address for the management interface [192.168.45.1] 10.10.2.45
Enter an IPv4 netmask for the management interface [255.255.255.0] 255.255.255.0
Enter an IPv4 default gateway for the management interface 10.10.2.254
```

```
Enter a fully qualified hostname for this device [firepower] firepower
Enter a comma-separated list of DNS servers or 'none' [208.67.222.222,208.67.202.202] 8.8.8.8
Enter a comma-separated list of search domains or 'none' [] none
Are these settings correct (y or n)? y
```

**Step 8** The following prompts are displayed:

```
If your networking information has changed, you will need to reconnect.
For HTTP Proxy configuration, run 'configure network http-proxy'
```

**Step 9** Enter the following information:

```
Manage the device locally? (yes/no) [yes] no
Configure firewall mode (routed/transparent) [routed] routed
```

**Step 10** The following prompt is displayed:

```
Configuring firewall mode ...
```

**Step 11** At the next prompt, enter the following command:

```
configure manager add 10.10.2.2 cisco123
```

**Step 12** The following prompt confirms the action was successful:

```
Manager successfully configured.
```

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### What to do next

See [Configure the Firepower Management Center](#).

