



Linux Administration Utility

Use the Linux Administration Utility to modify network settings and administration passwords.

The following sections provide information on how to log into the Linux administration utility, modify network settings, and restarting and shutting down the Cisco MXE 3500 application:

- [Logging in to the Linux System Command Prompt, page 5-1](#)
- [Modifying Network Settings and Admin Password, page 5-2](#)
- [Restarting and Shutting Down the Cisco MXE Application, page 5-3](#)

Logging in to the Linux System Command Prompt

The Linux system command prompt is used to update or change the IP address, DNS settings, and NTP settings.

Follow these steps to log in to the Linux system command prompt and enter commands in the shell.

Step 1 SSH to *mx_e_IP_address*, and log in as **admin**. The Cisco MXE Appliance Configuration Menu displays.



Tip

If you have a physical access to the Cisco MXE 3500, press **Alt+F1** and then press **Enter** when the *Welcome to the Media Experience Engine* screen displays to log in as **admin** and access the Configuration Menu.

Step 2 Click **System Command Prompt**.

Step 3 Click **OK**. The Linux shell displays.

Modifying Network Settings and Admin Password

Follow these steps to change the network settings or the **admin** account password after you complete initial setup.



Note

This procedure changes and synchronizes the password for the Windows OS **admin**, Linux OS **admin**, and the Pulse Analytics **ncpadmin** accounts. It does not change the password for the Cisco MXE 3500 web UI **admin** account.

Step 1 SSH to *mxe_IP_address*, and log in as **admin**. The Cisco MXE Appliance Configuration Menu displays.



Tip

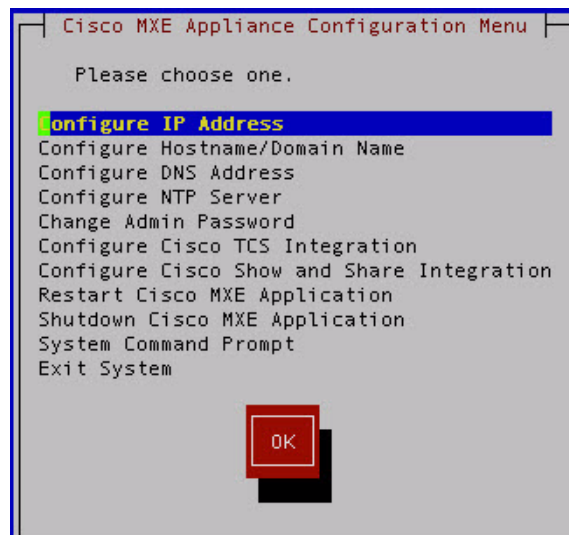
If you have a physical access to the Cisco MXE 3500, press **Alt+F1** and then press **Enter** when the *Welcome to the Media Experience Engine* screen displays to log in as **admin** and access the Configuration Menu.



Tip

You can access the Configuration Menu remotely by using SSH or directly by using ESXi through a console connection.

Figure 5-1 Cisco MXE Appliance Configuration Menu



Step 2 Either choose one of the network setting configuration options or choose **Change Admin Password**.

Step 3 Click **OK**.

Step 4 When complete, click **Exit System** and then click **OK**.

Step 5 (Optional. Only if Pulse video analytics is installed.) If you change the IP address of the appliance, and have Pulse video analytics installed, you must also log in to Pulse administration and manually change the Pulse video analytics IP address.

- a. Go to **http://mxe_IP_address/pulse**, where *mxe_IP_address* is the hostname or IP address for the Cisco MXE 3500.

- b. Click on the Administration tab
 - c. In the Pulse Connect Appliance page, enter the new IP address.
 - d. Click Save.
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See also: [“Change the Cisco MXE 3500 web UI Admin Password” section on page 20-3](#)

Restarting and Shutting Down the Cisco MXE Application

This section details the following procedures:

- [Restart and Shutdown the MXE Appliance from the Configuration Menu, page 5-3](#)
- [Restart the MXE Application After a Shutdown, page 5-3](#)



Note

We recommend that you shut down the Cisco MXE application before you power down the Cisco MXE 3500 hardware.

Restart and Shutdown the MXE Appliance from the Configuration Menu

Use this procedure to restart or shut down the Cisco MXE application. Doing so, either shuts down or restarts the Linux and Windows VM.

Step 1 SSH to *mxe_ip_address*, and log in as **admin**. The Cisco MXE Appliance Configuration Menu displays.

Step 2 Choose one of the following options from the menu:

- Restart Cisco MXE Application—Restarts the Linux and Windows VMs.
- Shutdown Cisco MXE Application—Shuts down the Linux and Windows VMs.



Note

To shut down the Cisco MXE 3500 appliance, console into ESXi, then press **F2** on your keyboard. To power on the Cisco MXE 3500 appliance, press the power button on the appliance.

Step 3 Click **OK**.

Restart the MXE Application After a Shutdown

This procedure details how to restart the MXE Application after shutdown from the Cisco MXE Appliance Configuration Menu.

Step 1 Assign an IP address to ESXi (if an IP address is not already assigned).

Step 2 Enter the ESXi IP address in a web browser.

Step 3 Download and install the vSphere client.

- Step 4** Log into the vSphere client using the ESXi username and password.
In the vSphere Client, on the left hand panel, you will see the Linux and Windows VMs.
- Step 5** Right click on each VM and click **Start**.
The Linux and Windows VMs will boot up. You can monitor the boot up on the vSphere client console.
- Step 6** After the Linux and Windows VMs are up, SSH to *mxs_IP_address* and follow the steps detailed in [“Restart and Shutdown the MXE Appliance from the Configuration Menu”](#).
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