Before You Begin

- Register your new appliance at http://support.paloaltonetworks.com (Assets tab) so you can access the latest software updates and activate support for your appliance.
- Obtain the IP addresses for your DNS servers and an IP address for the management (MGT) interface. Optionally, obtain IP addresses for additional Ethernet ports. The M-200 and M-600 appliances have four 10Gbps/100Mbps interfaces (MGT, Eth1, Eth3, and Eth5). The M-600 appliance has two additional 10Gbps interfaces (Eth4 and Eth5).

By default, all communication between an M-200 or an M-600 appliance and managed firewalls occurs over the management interface. In an environment with heavy log traffic, you can configure Panorama to distribute traffic for various functions to other Ethernet interfaces in PAN-DB mode; this applies only to the MGT and Eth1 interfaces. For more information, refer to the Panorama 9.1 Administrator’s Guide: https://docs.paloaltonetworks.com/panorama/9-1/panorama-admin.html

- Rack-mount and power on the appliance as described in the M-200 and M-600 Appliance Hardware Reference: https://docs.paloaltonetworks.com/hardware

Perform the Initial Configuration

1. Connect your computer to the appliance.
   1. Take note of the existing IP address on your computer in case you need it in Step 6.
   2. Change the IP address on your computer to an IP address in the 192.168.1.0/24 network, such as 192.168.1.2.
   3. Connect an RJ-45 Ethernet cable from your computer to the MGT port on the appliance.
   4. Launch a web browser on your computer and enter https://192.168.1.1. At the login prompt, enter the default username and password (admin/admin).

2. Change the default administrator password on the appliance.
   1. Click admin (lower-left portion of the management console) to display the password change prompt.
   2. Type the Old Password, type the New Password, and then Confirm New Password.
   3. Click OK to save the new password.

3. Configure DNS servers and the Palo Alto Networks Update Server.
   1. Enter the IP address of the Primary DNS Server and, optionally, the Secondary DNS Server.
   2. Enter the URL or static IP address of the Update Server (default is updates.paloaltonetworks.com).

4. Select Panorama > Setup > Interfaces and click the Management Interface.
5. Enter the new management interface information (IP Address, Netmask, and Default Gateway) for your network.

6. Enter the management interface information (IP Address, Netmask, and Default Gateway) for your network.

Step 4 | Configure the hostname, time zone, and general settings.

1. Select Panorama > Setup > Management and click General Settings.
2. Configure the Panorama clock and the clock on all managed firewalls to use the same Time Zone (for example, GMT or UTC). The firewall records timestamps when it generates logs and Panorama records timestamps when receiving the logs. Aligning the time zones ensures that timestamps and the processes for querying logs and generating reports on Panorama are in sync.
3. Enter a Hostname for the server. Panorama uses this hostname as the display name (label) for the appliance. For example, this hostname is the name that displays as part of the CLI prompt and also in the Collector Name field if you add the appliance as a managed collector (Panorama > Managed Collectors).
4. Enter the Latitude and Longitude for the physical location of the server to enable accurate placement of the M-Series appliance on the world map (used for App Scope > Traffic Maps and App Scope > Threat Maps).
5. Click OK to save your changes.

Step 5 | Configure DNS servers and the Palo Alto Networks Update Server.

1. Enter the URL or static IP address of the Update Server (default is updates.paloaltonetworks.com).
2. Enter the IP address of the Primary DNS Server and, optionally, the Secondary DNS Server.
3. (Optional) Verify Update Server Identity if you want Panorama to verify that the Update Server from which it downloads software or content packages has an SSL certificate signed by a trusted authority. This option adds an additional level of security for communication between the Panorama management server and the Update Server.
4. Click OK to save and then Commit. Select Panorama as the Commit Type, and click Commit again.

Step 6 | Verify management access to the appliance.

1. Connect the management interface on the appliance to the management network.
2. Change the IP address on your computer back to the previous IP address (captured in Step 1) and then reconnect your computer to the management network.
3. Open a browser and connect to the appliance using the IP address that you assigned to the management interface. For example, if the management interface IP address is 10.43.4.4, then enter https://10.43.4.4.
4. Log in to the appliance using the new administrator password you configured in Step 2.
Change the Mode of Operation

Change the appliance mode to one described in the Overview. If you change to Log Collector mode or (M-600 only) PAN-DB Private Cloud mode, you must use the command line interface (CLI) to manage the appliance; the web interface is available only in Panorama and Management-only mode.

To change modes:

1. Use terminal emulation software to access the CLI on the appliance.
2. Log in to the appliance using the administrator username (admin) and the password you configured during initial configuration.
3. Use one of the following commands to change modes:
   - From Panorama mode to Log Collector mode: `> request system system-mode logger`
   - From Panorama mode to Management-only mode: `> request system system-mode management-only`
   - (M-600 only) From Panorama mode to PAN-DB Private Cloud mode: `> request system system-mode panurldb`
   - From Log Collector or PAN-DB Private Cloud mode to Panorama mode: `> request system system-mode panorama`
4. After the appliance reboots, verify the mode of operation by running the following command:
   `> show system info | match system-mode`

The output shows the mode for the appliance. For example: `system-mode: panorama`

Where To Go Next

To learn more about the appliances, refer to the M-200 and M-600 Appliance Hardware Reference Guide:
https://docs.paloaltonetworks.com/hardware.

To learn how to configure Panorama, go to the Technical Documentation portal:
https://docs.paloaltonetworks.com.

Start here to Register and Set Up your firewall and access all resources and support tools:
https://go.paloaltonetworks.com/CustomerLaunchPad