To set up the switch:

1. Install the switch in a rack.
2. If required, install a power supply unit (PSU). Then, apply AC power.
3. If required, install modules (GBICs) that you can install in the APM408F port card. You can install QSFP+ modules, break-out cables, or DACs. For an APM402XL port connection at 40 Gbps, use modules or cables that are compatible with 40GBASE-SR4, 40GBASE-LR4, and 40GBASE-CR4.
4. Connect devices to the switch.

To configure the IP address of the switch, management interface, and OOB port, select the System > Management > System Information page in the web browser interface.

Perform the Initial Configuration

You can access the switch through the out-of-band (OOB) port (which is also referred to as the service port), through a console port, or through any Ethernet network port. By default, the switch functions as a DHCP client.

To configure the IP address of the switch, use one of the following methods:

- **Local browser-based management interface.** Use the local browser-based management interface through the OOB port or any Ethernet network port (see [Use the Local Browser Interface for Initial Configuration](#docs)).
- **CLI.** Use the CLI through the mini USB console port or RJ-45 RS232 console port. You can configure the IP address manually or use the ezconfig utility (see [Use the CLI for Initial Configuration](#docs)).
- **DHCP server.** Connect a DHCP server through the OOB port or through any Ethernet network port and find the assigned IP address (see [Find the IP Address Assigned by a DHCP Server](#docs)).

After you configure or find the IP address of the switch, you can configure the features of the switch through the local browser interface or the CLI.

Use the Local Browser Interface for Initial Configuration

You can use a computer that functions in the same subnet as the switch to access the local browser interface over the switch’s default IP address and assign another static IP address to the switch.

To access the local browser interface over the switch’s default IP address:

1. Configure your computer with a static IP address:
   - For access over an Ethernet network port, enter an IP address in the 192.254.0.0/16 subnet. For example, use 192.254.100.201.
   - For access over the OOB port, use an IP address in the 192.168.0.0/16 subnet. For example, use 192.168.0.100.
2. Connect an Ethernet cable from an Ethernet port on your computer to an Ethernet network port on the switch or to the OOB port on the switch.
3. Launch a web browser such as Google Chrome, Mozilla Firefox, or Microsoft Internet Explorer.
4. Enter the default IP address of the switch in the web browser address field:
   - For access over an Ethernet network port, enter 169.254.100.100.
   - For access over the OOB port, enter 192.168.0.239.
A login window displays.
5. Enter admin for the user name, leave the password field blank, and click the LOGIN button.
   The System Information page displays.
6. To configure the IP address of the switch, management interface, and OOB port, select System > Management, and select an option from the menu on the left.
Use the CLI for Initial Configuration
To use the CLI for initial configuration and assign a static or dynamic IP address to the switch, connect a computer or VT100/ANSI terminal to one of the console ports on the switch.

To configure the IP address manually or use the ezconfig utility:
1. Depending on the connector type at your computer or terminal and the port that you are using on the switch, use one of the following cables, both of which are included in the package product:
   - USB cable: For use with the mini USB console port
     Note: To use the mini USB port, you must install the USB driver on the computer. (The Windows USB driver is on the resource CD.)
   - Console cable: For use with the RJ-45 RS232 console port
2. Connect one end of the cable to the appropriate port on the switch and connect the other end to your computer or terminal.
3. If you connect a computer to a console port on the switch, start a terminal emulation program to use the following settings:
   - On a computer with a Linux operating system, you can use TIP.
   - On a computer with a MAC operating system, you can use ZTerm.
   - On a computer with a Windows operating system, you can use HyperTerminal or Tera Term.
   - On a computer with a Linux operating system, you can use ZTerm.
   - On a computer with a Windows operating system, you can use TIP.
4. If you connect a computer to a console port on the switch, configure the terminal emulation program to use the following settings: baud rate, 115,200 bps; data bits, 8; parity, none; stop bit, 1; flow control, none.
5. At the user prompt, log in to the switch using the user name admin and press Enter. At the password prompt, do not type a password but press Enter.
   Note: For information about CLI management, see the CLI reference manual.

To find the IP Address Assigned by a DHCP Server
By default, the switch is configured as a DHCP client to obtain its IP address from a DHCP server in the connected network. To find the assigned IP address of the switch’s management interface or OOB port, connect a computer or VT100/ANSI terminal to one of the console ports on the switch.

To find the IP address that is assigned by a DHCP server:
1. Make sure that the switch is connected to a DHCP server.
2. Set up a console connection with the switch.
3. At the command prompt, type one of the following commands:
   - To find the IP address of the management interface, enter the show ip management command, and press Enter.
   - To find the IP address of the OOB port (which is also referred to as the service port), enter the show serviceport command, and press Enter.

Find the IP Address Assigned by a DHCP Server
   The active IP address displays.
6. At the next command prompt, type ezconfig and press Enter. The ezconfig utility is now running on the switch.

To find the IP address of the OOB port (which is also referred to as the service port), enter the show serviceport command, and press Enter.

Find the IP Address Assigned by a DHCP Server
   The active IP address displays.
7. Using ezconfig, set up the basic switch configuration, including a static IP address and subnet mask.
8. Use the switch IP address that is set up by ezconfig to log in to the switch’s local browser interface.

To configure the IP address manually or use the ezconfig utility:
1. Depending on the connector type at your computer or terminal and the port that you are using on the switch, use one of the following cables, both of which are included in the package product:
   - USB cable: For use with the mini USB console port
     Note: To use the mini USB port, you must install the USB driver on the computer. (The Windows USB driver is on the resource CD.)
   - Console cable: For use with the RJ-45 RS232 console port
2. Connect one end of the cable to the appropriate port on the switch and connect the other end to your computer or terminal.
3. If you connect a computer to a console port on the switch, start a terminal emulation program to use the following settings:
   - On a computer with a Linux operating system, you can use TIP.
   - On a computer with a MAC operating system, you can use ZTerm.
   - On a computer with a Windows operating system, you can use HyperTerminal or Tera Term.
   - On a computer with a Linux operating system, you can use ZTerm.
   - On a computer with a Windows operating system, you can use TIP.
4. If you connect a computer to a console port on the switch, configure the terminal emulation program to use the following settings: baud rate, 115,200 bps; data bits, 8; parity, none; stop bit, 1; flow control, none.
5. At the user prompt, log in to the switch using the user name admin and press Enter. At the password prompt, do not type a password but press Enter.
   Note: For information about CLI management, see the CLI reference manual.

To find the IP Address Assigned by a DHCP Server
By default, the switch is configured as a DHCP client to obtain its IP address from a DHCP server in the connected network. To find the assigned IP address of the switch’s management interface or OOB port, connect a computer or VT100/ANSI terminal to one of the console ports on the switch.

To find the IP address that is assigned by a DHCP server:
1. Make sure that the switch is connected to a DHCP server.
2. Set up a console connection with the switch.
3. At the command prompt, type one of the following commands:
   - To find the IP address of the management interface, enter the show ip management command, and press Enter.
   - To find the IP address of the OOB port (which is also referred to as the service port), enter the show serviceport command, and press Enter.

Find the IP Address Assigned by a DHCP Server
   The active IP address displays.
4. Use either the management interface IP address or the OOB port IP address to log in to the switch’s local browser interface.

Log In to the Local Browser Interface
Manage the features of your switch through the local browser interface with the appropriate IP address for your configuration.

Note: When you access the switch, make sure that it is running the latest firmware version. To download firmware, visit netgear.com/support/product/M4300-96X.aspx#download.

To log in to the switch’s local browser interface:
2. Enter admin for the user name, leave the password field blank, and click the LOGIN button. The System Information page displays. You can now navigate from this page to other pages and configure your switch.

For information about using the local browser interface, see the user manual. You can download the user manual and other manuals by visiting netgear.com/support/product/M4300-96X.aspx#docs.

Support
Thank you for purchasing this NETGEAR product. You can visit www.netgear.com/support to register your product, get help, access the latest downloads and user manuals, and join our community. We recommend that you use only official NETGEAR support resources.

If this product is sold in Canada, you can access this document in Canadian French at http://downloadcenter.netgear.com/other/.

For the current EU Declaration of Conformity, visit http://downloadcenter.netgear.com/11621.x.

For regulatory compliance information, visit http://www.netgear.com/about/regulatory/.

See the regulatory compliance document before connecting the power supply.