

Configuring the Switch

Arista fixed configuration switches ship from the factory in Zero Touch Provisioning (ZTP) mode, which configures a switch without user intervention by downloading a startup configuration file or a boot script from a location specified by a DHCP server.

If you are not using ZTP, the initial configuration provides one username, *admin*, that is not assigned a password. When using any username without a password, you can only log into the switch through the console port. After assigning a password to the *admin* username, you can log into the switch through any port.

This procedure performs the following initial configuration tasks:

- cancels ZTP mode.
- assigns a password to the admin username.
- assigns an IP address to the Ethernet management port.
- defines a default route to a network gateway.

Step 1 Provide power to the switch, as described in [Section 4.1](#)

Step 2 Connect the switch to a PC with a RJ-45 serial adapter cable, as described in [Section 4.2](#).

As the switch boots without a *startup-config* file, it displays the following through the console:

```
The device is in Zero Touch Provisioning mode and is attempting to
download the startup-config from a remote system. The device will not
be fully functional until either a valid startup-config is downloaded
from a remote system or Zero Touch Provisioning is cancelled. To cancel
Zero Touch Provisioning, login as admin and type 'zerotouch cancel'
at the CLI.
```

```
localhost login:
```

Step 3 Log into the switch by typing **admin** at the login prompt.

```
localhost login:admin
```

Step 4 Cancel ZTP mode by typing **zerotouch cancel** at the localhost prompt.

```
localhost>zerotouch cancel
```

Step 5 After the switch boots log into the switch again by typing **admin** at the login prompt.

```
Arista EOS
localhost login:admin
Last login: Fri Nov 12 13:17:13 on console
```

Step 6 Enter privileged EXEC mode by typing **enable**.

```
localhost>enable
```

Step 7 Enter global configuration mode by typing **configure terminal** (or **config**).

```
localhost#config
```

Step 8 Assign a password to the **admin** username with the **username secret** command.

```
localhost(config)#username admin secret pxq123
```

Step 9 Configure a default route to the network gateway.

```
localhost(config)#ip route 0.0.0.0/0 192.0.2.1
```

Step 10 Enter interface configuration mode by typing **interface** and the name of the management port.

```
localhost(config)#interface management 1
```

Step 11 Assign an IP address to the port by typing **ip address**, followed by the desired address.

```
localhost(config-if-Ma1)#ip address 192.0.2.8/24
```

This command assigns the ip address 192.0.2.8 to the management port.

Step 12 Exit by typing **end** at the interface configuration and global configuration prompts.

```
localhost(config-if-Ma1)#end
```

```
localhost(config)#end
```

Step 13 Save the configuration by typing **write memory** or **copy running-config startup-config**.

```
localhost#copy running-config startup-config
```

When the management port IP address is configured, use this command to access the switch from a host, using the address configured in step 11:

```
ssh admin@192.0.2.8
```

Refer to the **Arista Networks User Manual** for complete switch configuration information.