Chapter 5

Configuring the Switch

Arista switches ship from the factory in Zero Touch Provisioning (ZTP) mode. ZTP configures the switch without user intervention by downloading a startup configuration file or a boot script from a location specified by a DHCP server. To manually configure a switch, ZTP is bypassed. The initial configuration provides one username (***admin)*** accessible only through the console port because it has no password.

When bypassing ZTP, initial switch access requires logging in as ***admin,*** with no password, through the console port. Then you can configure an ***admin*** password and other password protected usernames.

This manual configuration procedure cancels ZTP mode, logs into the switch, assigns a password to ***admin***, assigns an IP address to the management port, and defines a default route to a network gateway.

Step 1   Provide power to the switch (Section 4.1).

Step 2   Connect the console port to a PC (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**. *IMPORTANT: This step initiates a switch reboot.*

```
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 Mar 15 13:17:13 on console
```

Step 6   Enter global configuration mode.

```
localhost>enable
localhost#config
```

Step 7 Assign a password to the *admin* username with the **username secret** command.

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

Step 8 Configure a default route to the network gateway.

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

Step 9 Assign an IP address (*192.0.2.8/24* in this example) to an Ethernet management port.

```
localhost(config)#interface management 1
localhost(config-if-Ma1/1)#ip address 192.0.2.8/24
```

Step 10 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 9:

```
ssh admin@192.0.2.8
```

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