

Maintenance and Field Replacement

E.1 Considerations

- All fans and power supplies are hot swappable.
- The switch can be running while a power supply is being installed or removed, but the power supply being replaced must not be connected to a power source.
- All slots must be filled or covered with a blank for operation (even though power supply or fans may not be functional).
- Before you begin, refer to the Arista Networks document *Safety Information and Translated Safety Warnings* available at: <http://www.arista.com/support/docs/eos>.

Note

Descriptions for the removal and replacement of power supplies and fans are for a representative power supply or fan. Locations of status indicator LEDs may differ. Refer to the front and rear panel illustrations of your device to locate the appropriate LED.

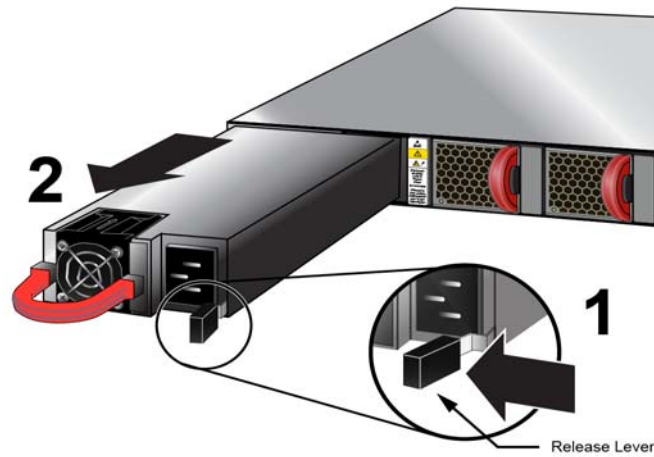
E.2 Power Supplies

The following steps are required when removing power supplies from a switch.

E.2.1 Removing a Power Supply

- Step 1** Ground yourself with an ESD wrist strap.
- Step 2** Power down the power supply to be removed by disconnecting the AC power cable.
- Step 3** Push the power supply release lever and remove the power supply (Figure E-1 on page 38).

Figure E-1: Remove power supply



E.2.2 Installing a Power Supply

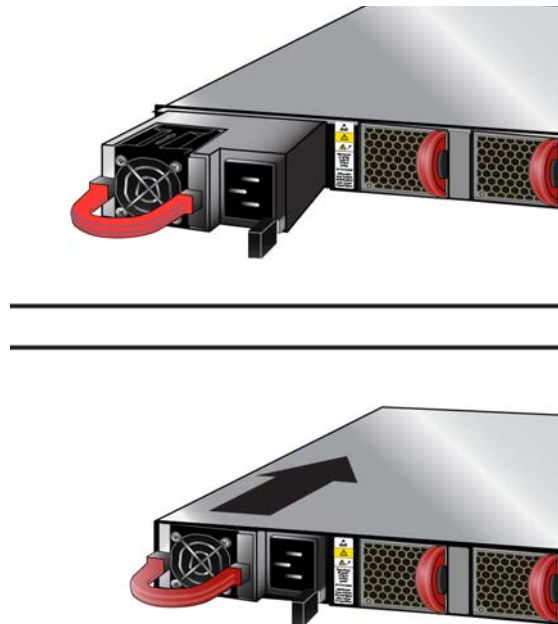
You must make space for installing the power supply by removing an existing one ([Section E.2.1](#)).

Step 1 Remove the replacement power supply from its packaging.

Step 2 Slide the new power supply into the empty slot.

Step 3 Slide the new power supply into the switch until the power supply is fully seated and the release lever snaps into place ([Figure E-2](#)).

Figure E-2: Install power supply



Step 4 Connect the power cord to the power supply.

Step 5 Verify the LED(s) on the power supply.

Note

The Power Supply status LED should be a steady green for normal operation.

Step 6 Verify the new power supply operation by issuing the **show environment power** command.

```
switch#show environment power
```

The output of the command will list the power supplies in operation and should include the one you replaced.

E.3 Fan Modules

Note

Hot swap fans within 30 seconds to prevent the switch from overheating. Ensure that the module you are replacing matches those already installed in the switch.

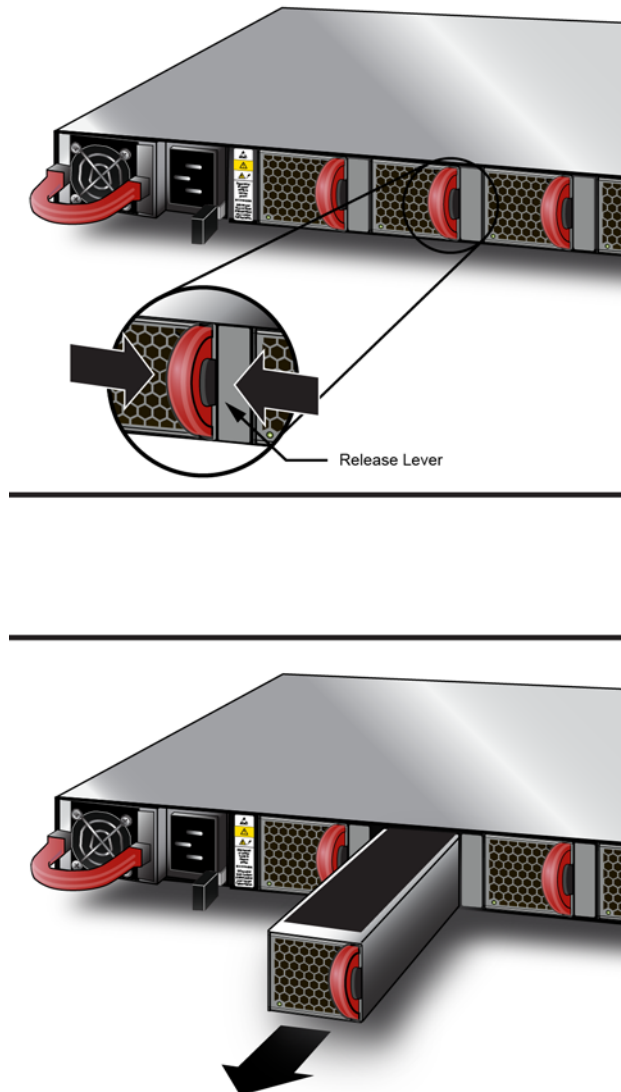
E.3.1 Removing a Fan Module

The following steps are required when removing or replacing fans from a switch.

Step 1 Ground yourself with an ESD wrist strap.

Step 2 Push the fan module release lever and slide the fan module out of the switch ([Figure E-3 on page 40](#)).

Figure E-3: Removing fan module



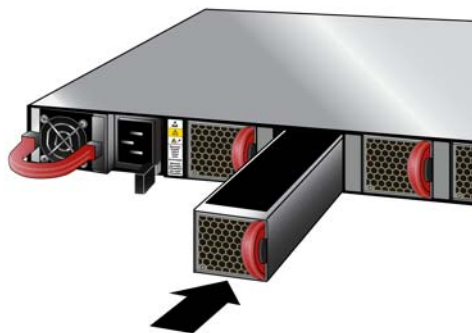
E.3.2 Installing a Fan Module

You must make space for installing the fan module by removing an existing one ([Section E.3.1](#)).

Step 1 Remove the replacement fan from its packaging.

Step 2 Slide the new fan module into the switch until the module is fully seated and the release lever snaps into place ([Figure E-4 on page 41](#)).

Figure E-4: Inserting the fan module



Step 3 Verify that the fan module is working normally.

Note The fan module status LED should be a steady green for normal operation.
