

Installation, Maintenance, and Upgrade

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Install the FIPS opacity shield

Note Because the FIPS opacity shield covers the serial number on the chassis, the CO should copy the serial number and store it in a secure place. The serial number is needed when you call Cisco TAC.

Note You can *only* install the FIPS opacity shield with the desktop mount or wall mount. The rack mount does not support the FIPS shield.

Before you begin

Caution This procedure should be performed only by the Crypto Officer (CO).

You need the following to install the FIPS opacity shield:

- #1 Phillips head screwdriver
- The following items from the FIPS kit:
  - One FIPS opacity shield
  - Three M3 x 66 mm screws used to attach the FIPS opacity shield to the chassis
  - Nine Tamper Evidence Labels (TELs)

Note The TELs are made of a special thin gauge vinyl with self-adhesive backing. Once the CO attaches them on the chassis, any attempt to open the chassis damages the TELs or the chassis cover. Because the TELs have nonrepeated serial numbers, the CO can inspect them for damage and compare them against the applied serial numbers to verify whether the chassis has been tampered with. TELs with curled corners, rips, and slices indicate tampering. The word “FIPS” or “OPEN” may appear if the label has been peeled back.

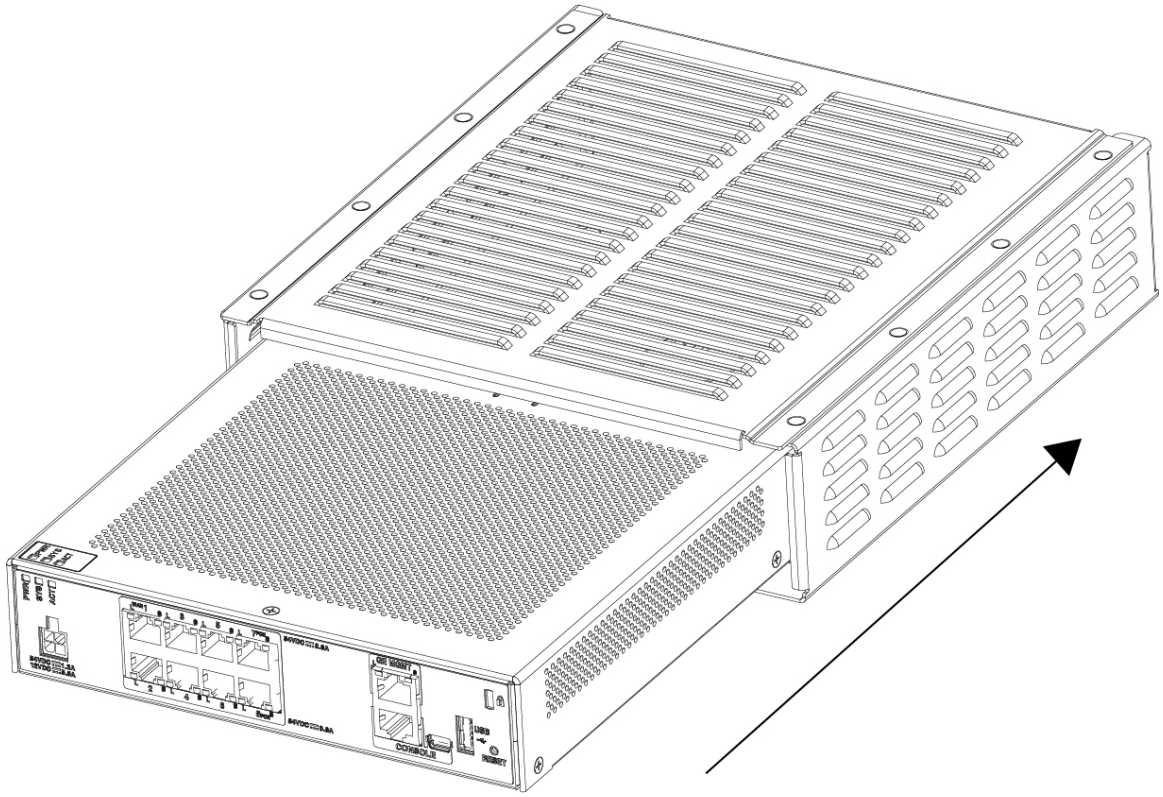
Procedure

Step 1 Copy the serial number and store in a secure place.

Step 2 If the chassis is mounted on a wall, uninstall it.

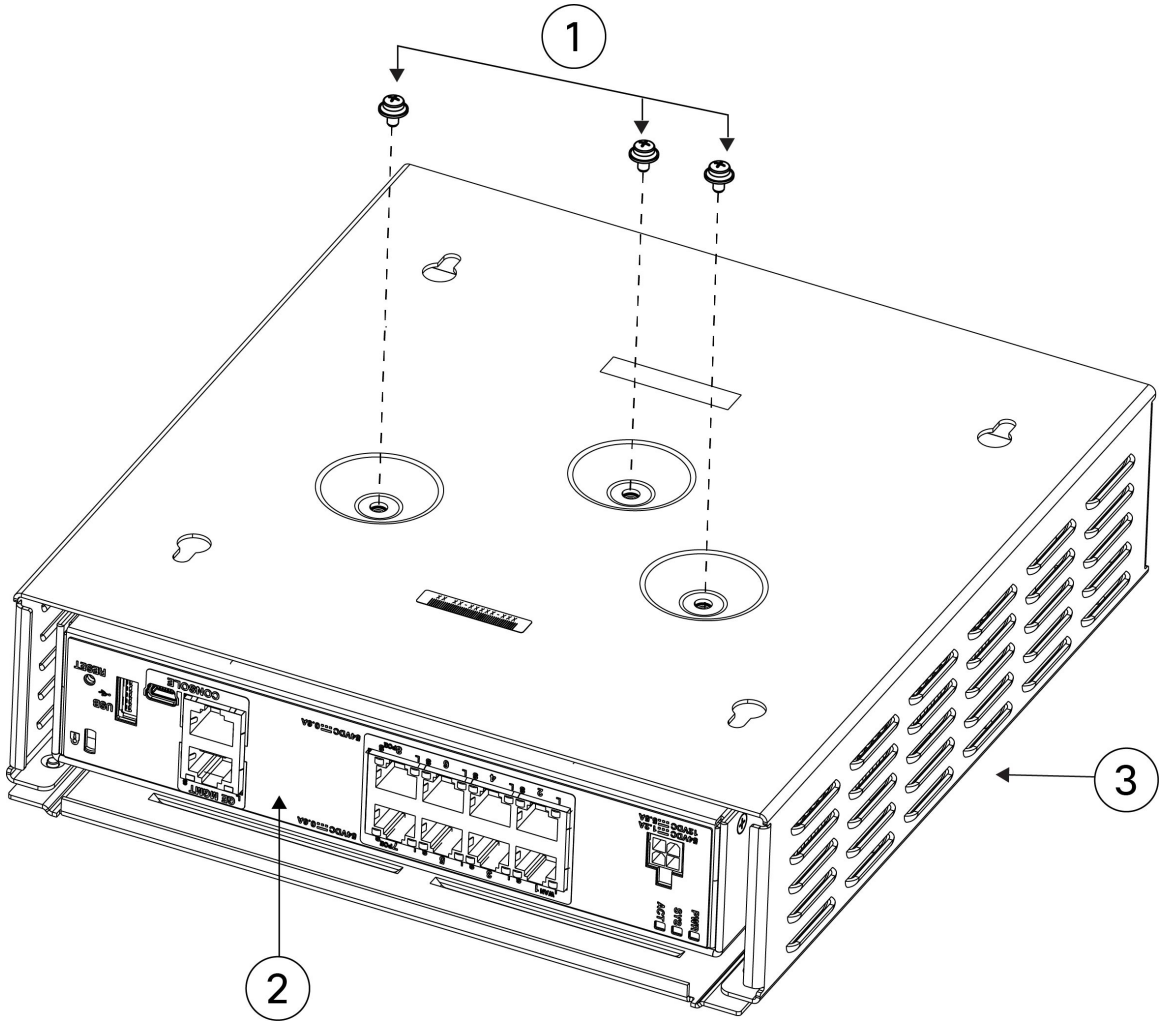
Step 3 Install the FIPS cover by holding the chassis right-side up and sliding the chassis into the FIPS cover front panel first.

Figure 1: Install the chassis into the FIPS cover



Step 4 Turn the chassis with the FIPS cover installed over and install the three screws.

Figure 2: Install the screws on the bottom of the FIPS cover



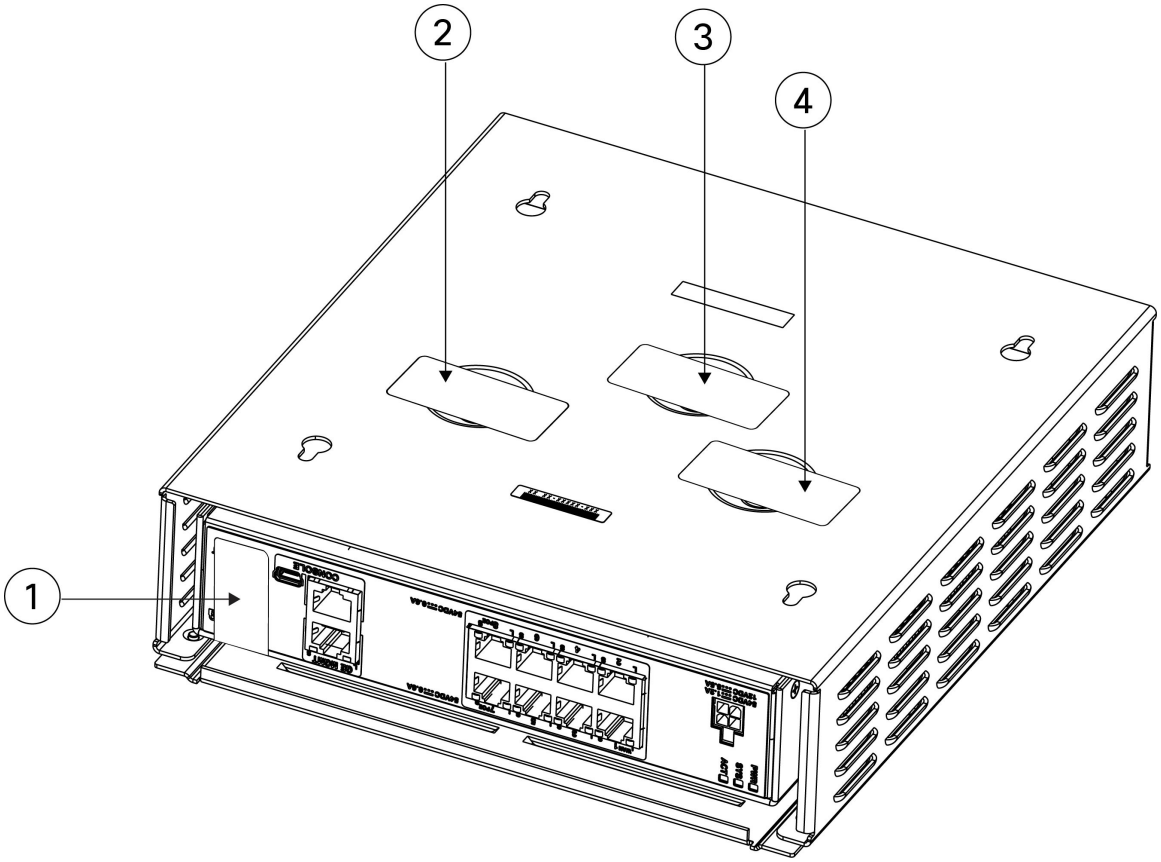
1	FIPS opacity shield	**2**	Three M3 x 66 mm Phillips screws

Step 5 Before you attach the TELs, clean the chassis and FIPS cover of any grease, dirt, or oil with alcohol-based cleaning pads.

Step 6 Attach four of the TELs, three on the bottom of the chassis over the screws and one on the front of the chassis. See the figure below for the correct placement. The figure shows the bottom of the chassis where you place three of the TELs. Allow the TELs to cure for a minimum of 12 hours.

Caution
Any deviation in the placement of the TELs means the chassis is not in FIPS mode.

Figure 3: TELS placement on the rear panel and bottom of the FIPS cover



1	TEL 1 on the rear panel of the chassis	**2**	TEL 2 on the bottom left of the FIPS cover over the screw
3	TEL 3 on the bottom center of the FIPS cover over the screw	**4**	TEL 4 on the bottom right of the FIPS cover over the screw

Step 7 Reinstall the chassis in the wall mount if you are using a mount.

Step 8 Attach the power cable to the chassis and connect it to an electrical outlet.

Step 9 Press the power switch on the rear panel.

Step 10 Check the power LED on the front panel. Solid green indicates that the chassis is powered on.

Step 11 Place the chassis in FIPS mode.

See the following procedures for how to place the chassis in FIPS mode:

- See the "Security Certifications Compliance" chapter in the your software version configuration guide for the procedure to enable FIPS mode.
- Use the **fips enable** command to enable FIPS mode.

What to do next

See the Cisco Firepower 1010 Getting Started Guide for further configuration information.

Related Topics

- Serial number and compliance label
- Desktop-mount the chassis
- Wall-mount the chassis
- Status LEDs
- Cisco Secure Firewall ASA Series Command Reference, A-H Commands