



CHAPTER 4

Connecting Cables to Network Interfaces

This chapter describes how to connect the appropriate cables to the Console, Auxiliary, Management, copper Ethernet, and fiber Ethernet ports.

This chapter includes the following sections:

- [Connecting Interface Cables, page 4-1](#)
- [What to Do Next, page 4-8](#)



Warning

Only trained and qualified personnel should install, replace, or service this equipment. Statement 49



Caution

Read the safety warnings in the *Regulatory Compliance and Safety Information for the Cisco ASA 5500 Series* and follow proper safety procedures when performing these steps.

Connecting Interface Cables

To connect cables to the network interfaces, perform the following steps:

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- Step 1** Place the chassis on a flat, stable surface, or in a rack (if you are rack-mounting it).
 - Step 2** Connect to the Management port.

The adaptive security appliance has a dedicated interface for device management that is referred to as the Management0/0 port. The Management0/0 port is a Fast Ethernet interface. This port is similar to the Console port, but the Management0/0 port only accepts incoming traffic to the adaptive security appliance.

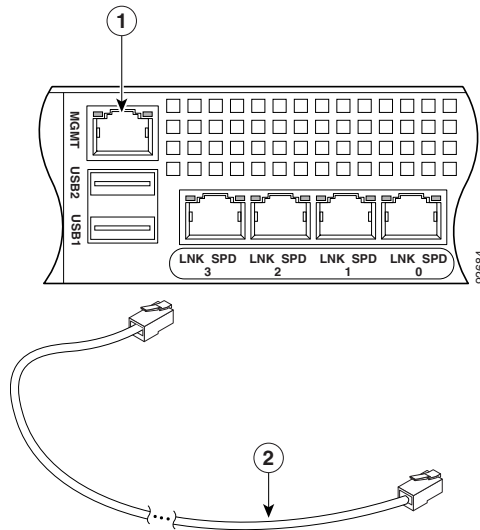


Note You can configure any interface to be a management-only interface using the **management-only** command. You can also disable management-only mode on the management interface. For more information about this command, see the **management-only** command in the *Cisco Security Appliance Command Reference*.

- a. Locate an Ethernet cable, which has an RJ-45 connector on each end.
- b. Connect one RJ-45 connector to the Management0/0 port, as shown in [Figure 4-1](#).
- c. Connect the other end of the Ethernet cable to the Ethernet port on your computer or to your management network.



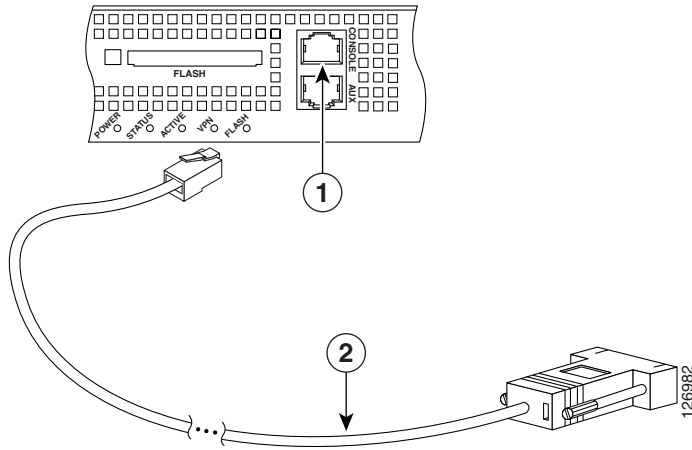
Note When connecting a computer directly to the management port on the adaptive security appliance, use a crossover Ethernet cable. When connecting a computer to the adaptive security appliance through a hub or switch, use a straight through Ethernet cable to connect the hub or switch to the management port.

Figure 4-1 Connecting to the Management Port

1	Management port	2	RJ-45 to RJ-45 Ethernet cable
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Step 3 Connect to the Console port.

- a. Before connecting a computer or terminal to any ports, check to determine the baud rate of the serial port. The baud rate must match the default baud rate (9600 baud) of the Console port of the adaptive security appliance.
Set up the terminal as follows: 9600 baud (default), 8 data bits, no parity, 1 stop bits, and Flow Control (FC) = Hardware.
- b. Locate the serial console cable, which has an RJ-45 connector on one end and a DB-9 connector on the other end for the serial port on your computer.
- c. Connect the RJ-45 connector to the Console port of the adaptive security appliance as shown in [Figure 4-2](#).
- d. Connect the DB-9 connector to the console port on your computer.

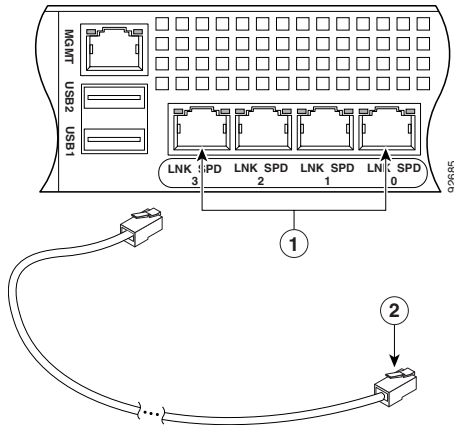
Figure 4-2 Connecting the Console Cable

1	RJ-45 Console port	2	RJ-45 to DB-9 console cable
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Step 4 Connect to the Auxiliary port (labeled AUX).

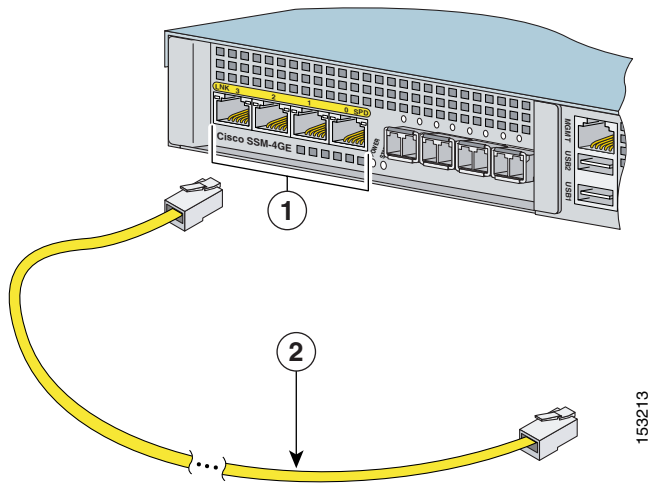
- a. Locate the serial console cable, which has an RJ-45 connector on one end and a DB-9 connector on the other end for the serial port on your computer.
- b. Connect the RJ-45 connector of the cable to the Auxiliary port (labeled AUX) on the adaptive security appliance, as shown in [Figure 4-3](#).
- c. Connect the other end of the cable, the DB-9 connector, to the serial port on your computer.

Figure 4-4 Connecting to a Copper Ethernet Interface in Slot 0



1	Copper Ethernet ports	2	RJ-45 connector
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Figure 4-5 Connecting to a Copper Ethernet Interfaces in Slot 1



1	Copper Ethernet ports	2	RJ-45 connector
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- b. Connect the other end of the Ethernet cable to a network device, such as a router, switch or hub.

Step 6 Connect to fiber Ethernet ports to be used for network connections.

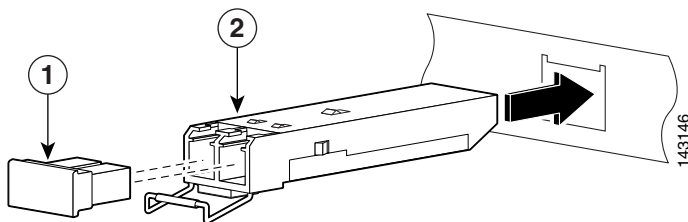


Note Slot 1 contains four copper Ethernet ports and four fiber Ethernet ports. You can use both types of ports, but you can only have a total of four Slot 1 ports in use at a time. For example, you could use two copper Ethernet ports and two fiber Ethernet ports.

For each fiber port you want to use, perform the following steps:

- a. Install the SFP module:
 - Insert and slide the SFP module into the fiber port until you hear a click. The click indicates that the SFP module is locked into the port.
 - Remove the port plug from the installed SFP as shown in [Figure 4-6](#).

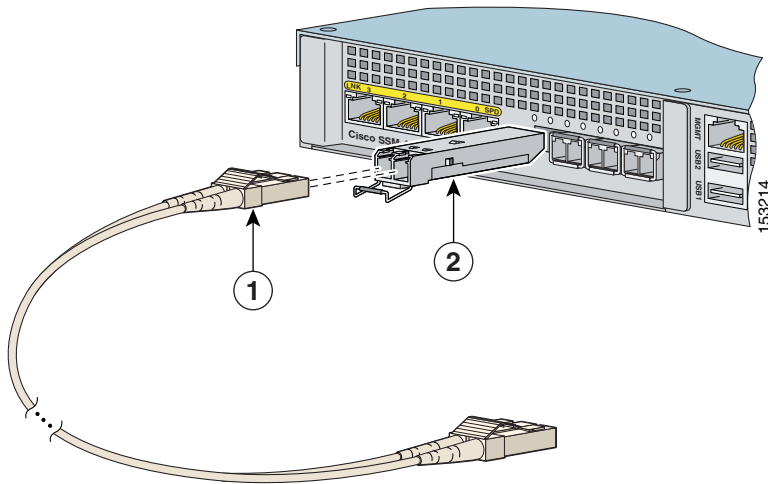
Figure 4-6 Removing the Fiber Port Plug



1	Port plug	2	SFP module
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- b. Connect the LC connector to the SFP module as shown in [Figure 4-7](#).

Figure 4-7 Connecting the LC Connector



1	LC connector	2	SFP module
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- c. Connect the other end of the cable to a network device, such as a router, switch, or hub.

Step 7 Connect the power cord to the adaptive security appliance and plug the other end to the power source.

Step 8 Power on the chassis.

What to Do Next

Continue with [Chapter 1, “Configuring the Adaptive Security Appliance.”](#)