

---

## Connect a CSX4000 Series Appliance

This article describes how to connect a Cloud Services Switch (CSX) 4000 series appliance to an AC power source and to a management console.

Versa Networks recommends that you use an uninterruptible power strategy that prevents power interruptions. A UPS can isolate unpredictable power outages or blackouts, brownouts, lightning, power surges, or spikes.

---

### Step 1: Connect AC Power to a CSX4000 Series Appliance

Before you begin connecting AC power to a CSX4000 series appliance, ensure that you have the following:

- Electrostatic discharge (ESD) wrist strap.
- An AC power cord is shipped with the appliances only for U.S. customers. Each power supply has a C14 plug that allows you to plug in standard power cords with C13 termination. The other end of the cord must have appropriate NEMA 5-15 local plug.

To connect a CSX4000 series appliance to an AC power source:

1. Attach one end of the ESD grounding strap to your bare wrist, and connect the other end to the ESD point on the rack.
2. Plug the C13 end of the AC power cord into the CSX4000 series appliance power supply (C14).



3. Plug the NEMA 5-15 end of the AC power cord into an AC power source outlet.



---

## Step 2: Configure a Serial Management Console to Connect to a CSX4000 Series Appliance

The CSX4000 series appliances are equipped with an RJ45 serial console port.

To connect to the console port, use the RJ45-to-USB serial console supplied with the appliance:

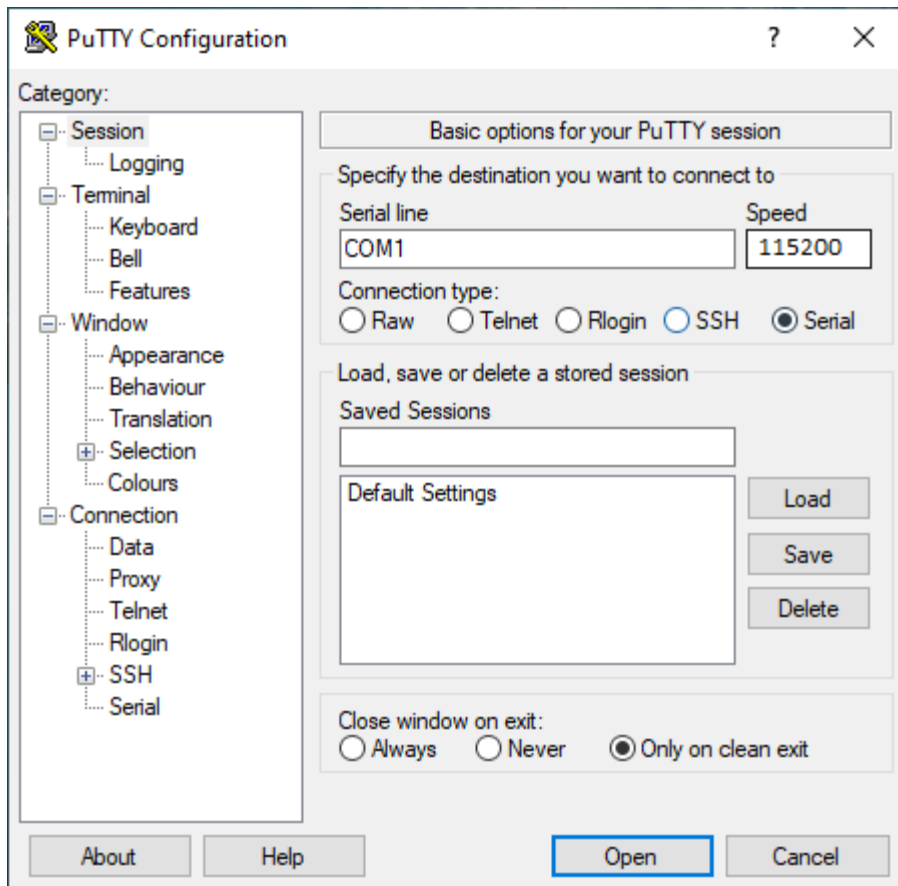
1. Plug the RJ45 end of the console cable into the console port located on the rear panel of the CSX4000 series appliance.
2. Plug the USB end of the console cable into the management console (that is, the laptop).

To communicate with the appliance, you must have a terminal emulation program, such as PuTTY, running on your system. When you set up the connection, use the following default console port settings:

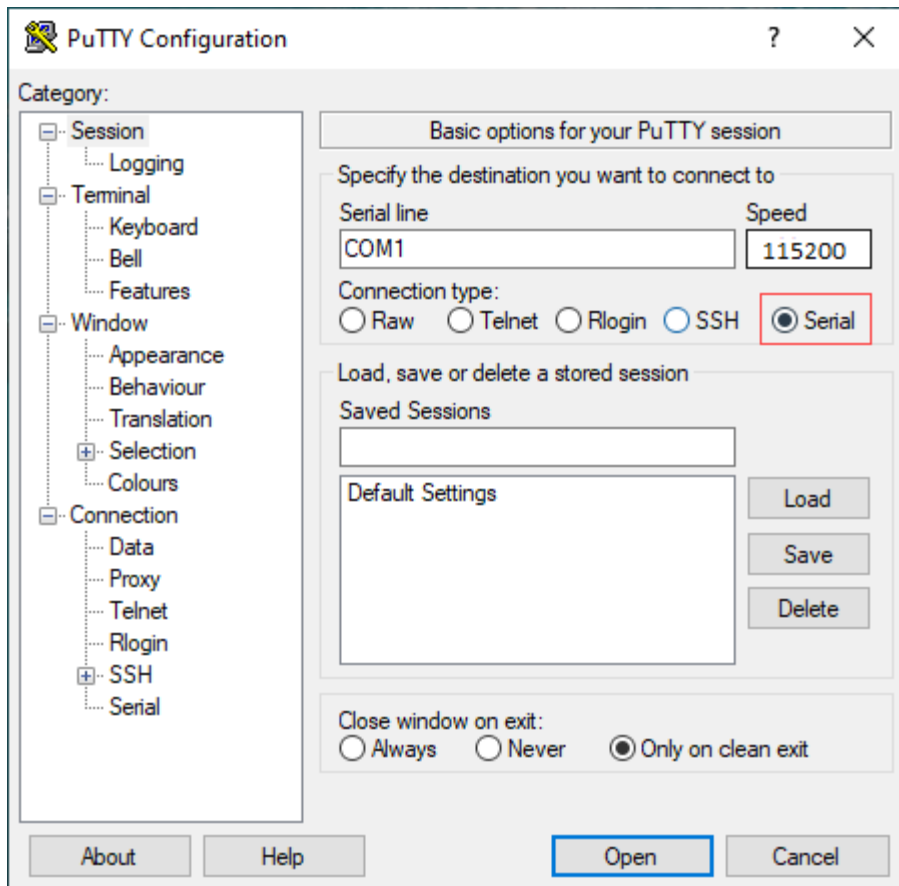
- Speed (baud)—115200
- Data bits—8
- Stop bits—1
- Parity—None
- Flow control—None

To connect a management console to a CSX4000 series appliance:

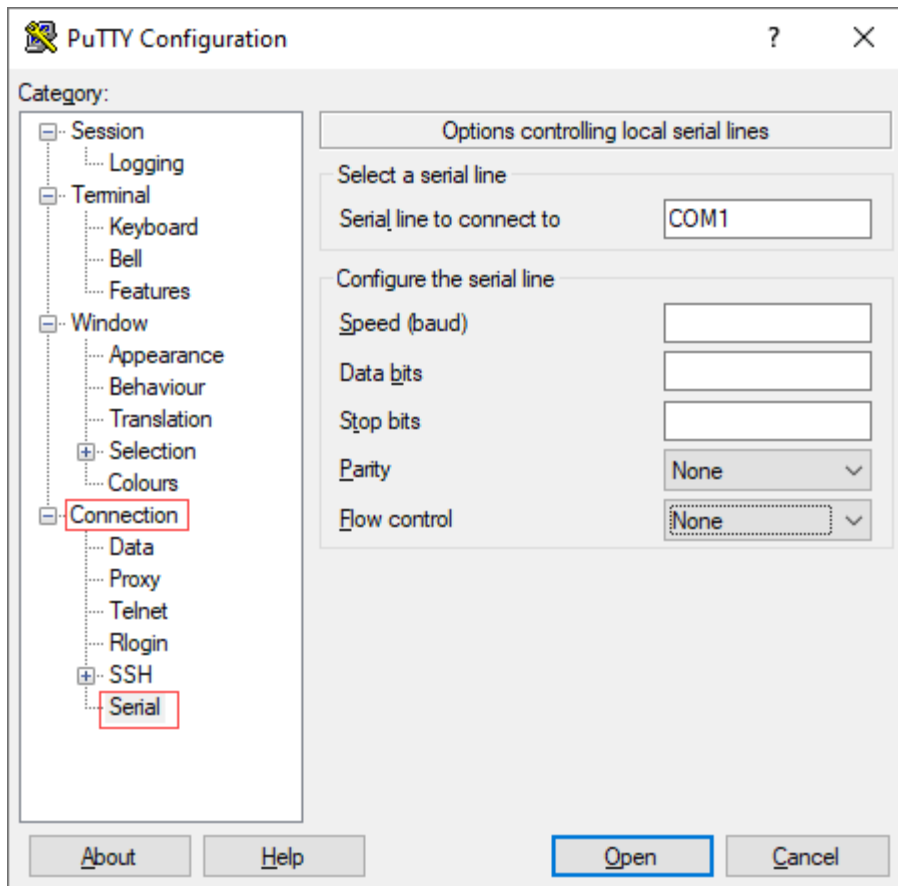
1. Open the PuTTY application. The PuTTY configuration window displays.



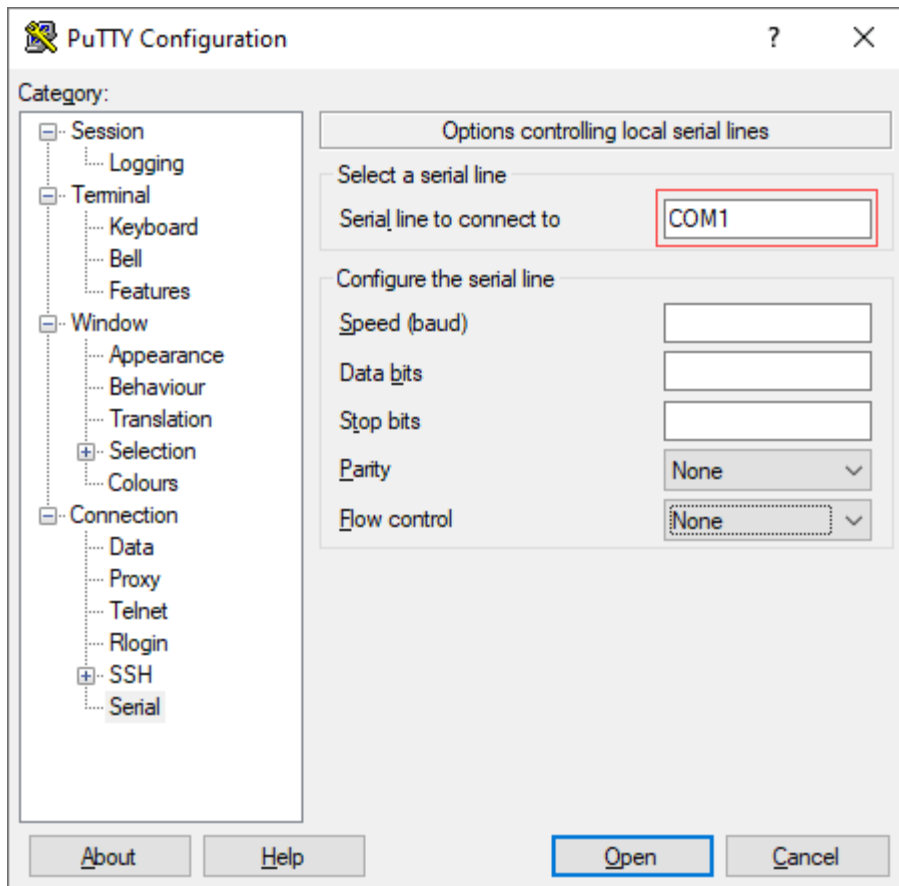
2. In the Category navigation pane, click Session, and then in the Connection Type menu, click Serial.



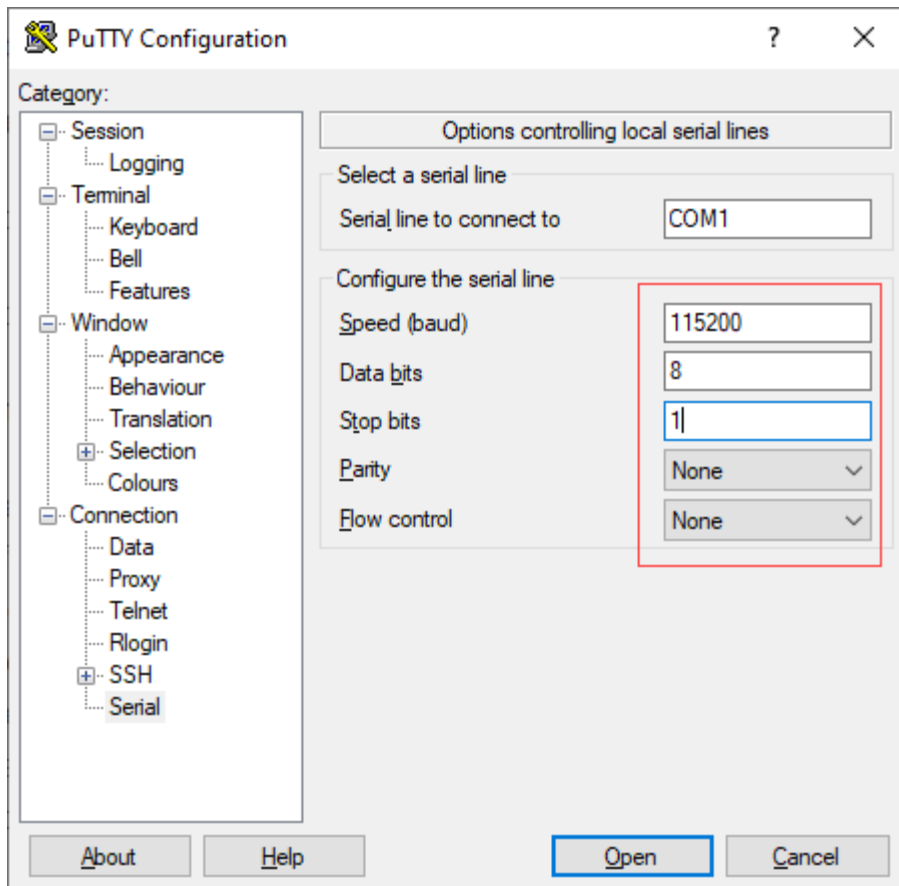
3. In the Category navigation pane, click Connection > Serial. The Options Controlling Local Serial Lines page displays.



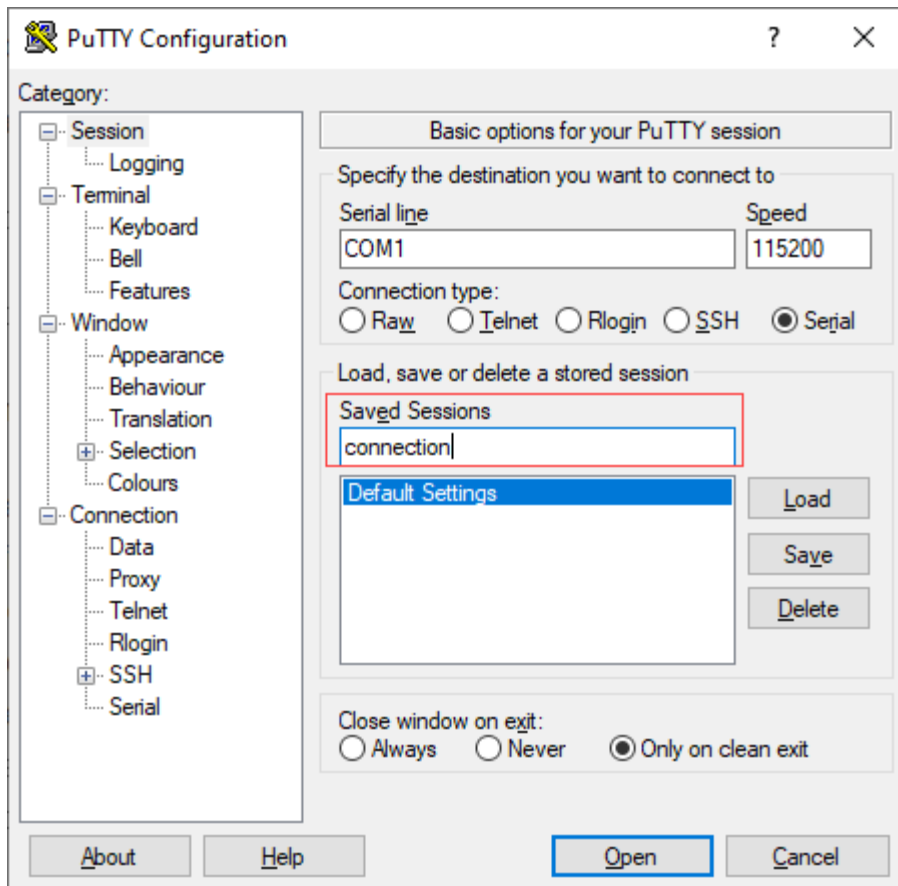
4. In the Serial Line To Connect To field, enter the COM port to which your device is connected. The default COM port is COM1.



5. In the Configure the Serial Line section, enter the following information.

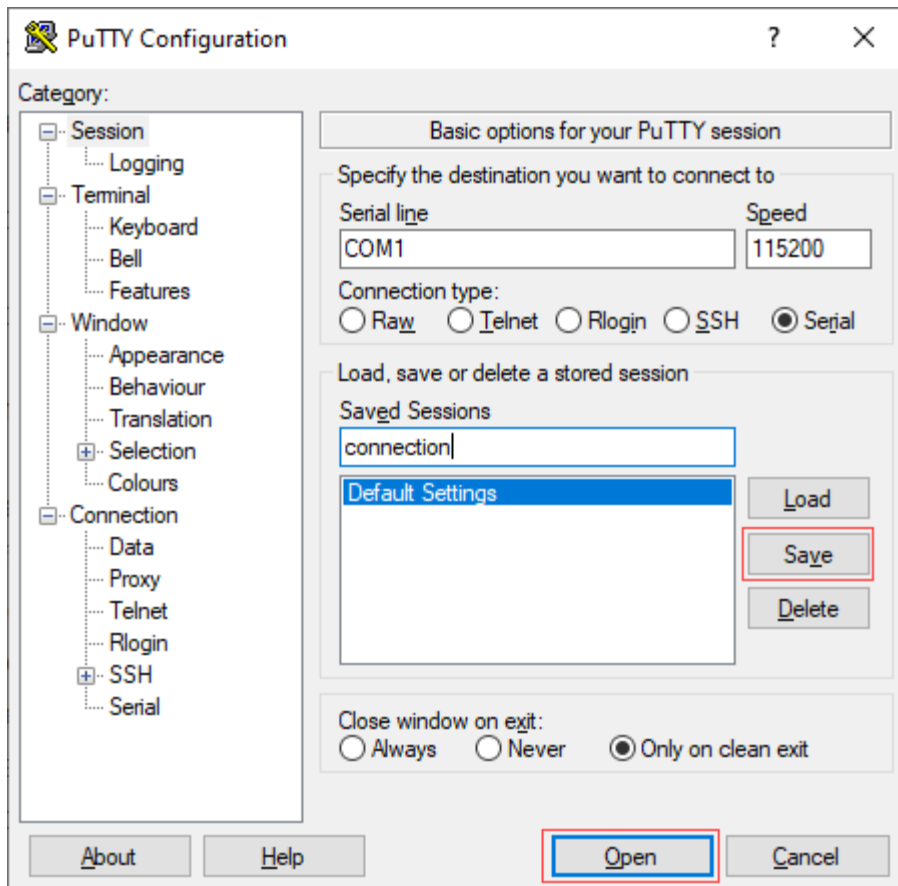


- In the Speed (Baud) field, enter the digital transmission speed. For CSX4000 series appliance, the speed must be 115200 baud.
  - In the Data bits field, enter the number of data bits used for each character. The recommended value is 8.
  - In the Stop bits field, enter the number of bits to send at the end of every character. The recommended value is 1.
  - In the Parity field, select None. This is the method of detecting errors in transmission.
  - In the Flow Control field, select None. This is the method of preventing data overflow.
6. Optionally, in the Category navigation pane, click Session, and then in the Saved Sessions field, enter a name to save the session settings.

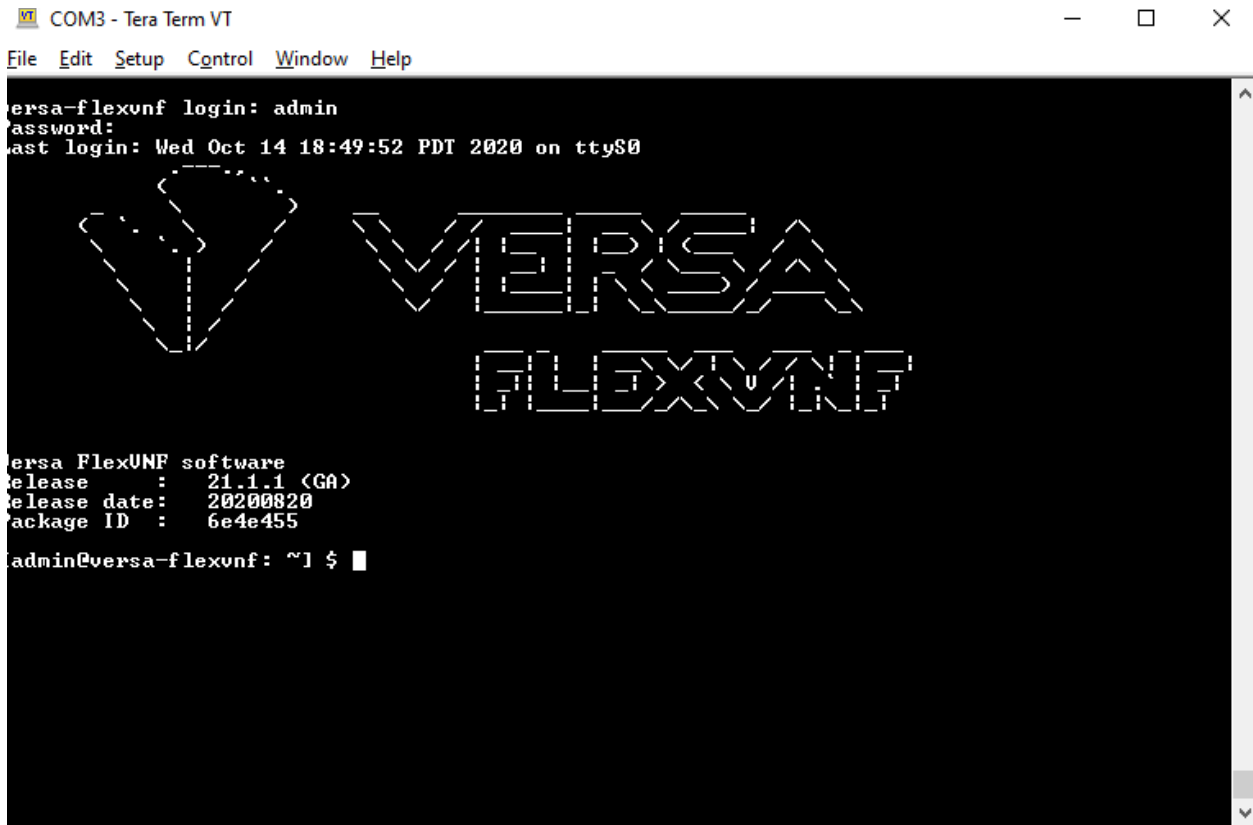


7. Click Save.
8. To open the session, click Open.





9. Log in to the appliance CLI with the username "admin" and the password "versa123".



```
COM3 - Tera Term VT
File Edit Setup Control Window Help

versa-flexunf login: admin
password:
last login: Wed Oct 14 18:49:52 PDT 2020 on ttyS0

VERSA
FLEXUNF

Versa FlexUNF software
Release : 21.1.1 (GA)
Release date: 20200820
Package ID : 6e4e455

admin@versa-flexunf: ~1 $
```

---

## Step 3: Connect a CSX4000 Series Appliance to a Network Management Console

You can deploy and manage a CSX4000 series appliance from a Director or Concerto node. While you can configure and manage the appliance using a management console, it is recommended that you do so from the Director or Concerto node.

You can perform monitoring and troubleshooting from the CLI on the CSX4000 series appliance'. To access the CLI, connect the appliance to the management console using a cable with an RJ-45 connector. Plug the RJ45 connector into the console port on the CSX4000 series appliance, and plug the other end of the cable into the console server or into a management console.