Connect a CSG2500 Appliance

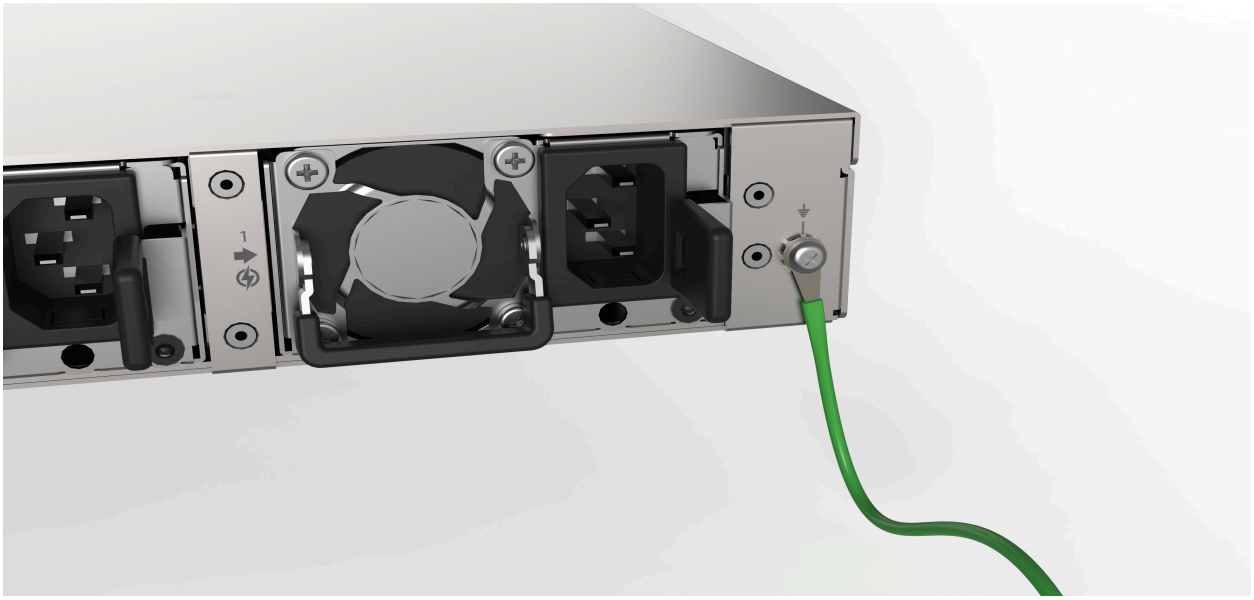
This article describes how to connect a Cloud Services Gateway (CSG) 2500 appliance to an AC power source and to a management console.

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 Earth Ground to a CSG2500 Appliance

1. To ensure proper operation of a CSG2500 appliance and to meet safety and electrostatic discharge (ESD) requirements, you must connect the appliance to earth ground before you connect power to the appliance.

Figure 1: Connect Earth Ground to a CSG2500 Appliance



2. Ensure that the rack is properly grounded and in compliance with ETSI ETS 300 253. Verify that there is a good electrical connection to the grounding point on the rack and that the grounding point has no paint or isolating surface treatment.
3. Attach the grounding wire (#18 AWG) to the grounding point on the device's rear panel.
4. Connect the other end of the wire to rack ground.

Caution: The earth connection must not be removed unless all supply connections are disconnected.

Step 2: Connect AC Power to a CSG2500 Appliance

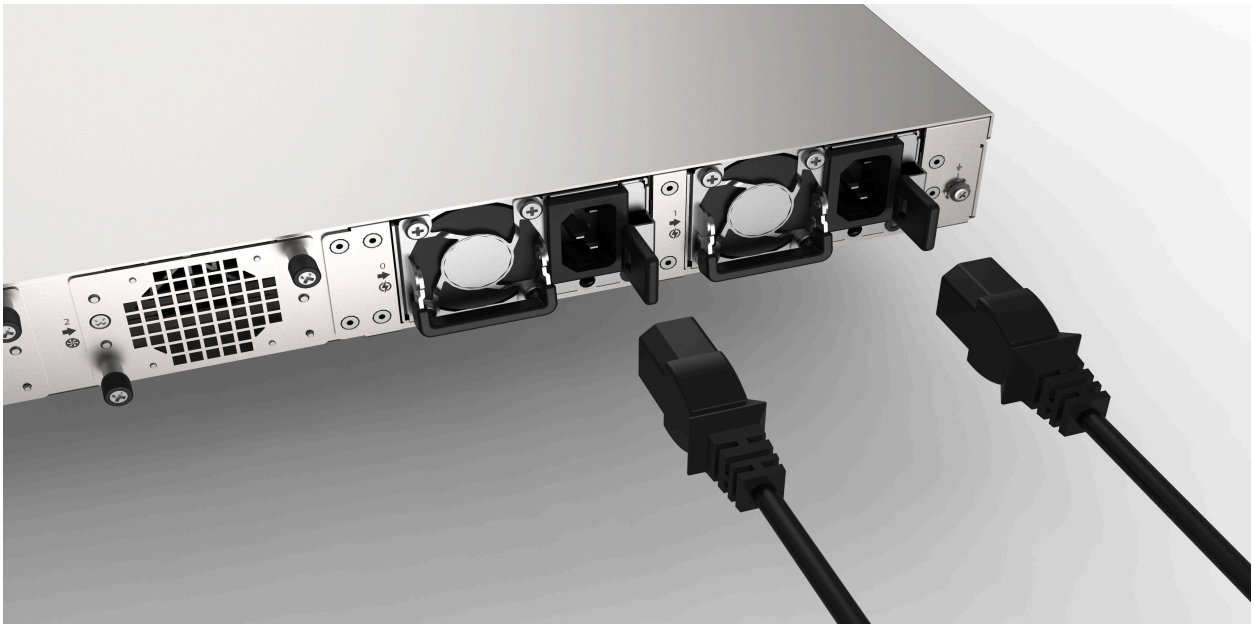
Before you begin connecting AC power to a CSG2500 appliance, ensure that you have:

- 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 CSG2500 appliance to an AC power source:

1. Install two AC power supply units (PSUs) in the device.
2. Connect an external AC power source (C13) to each PSU.
3. Plug the NEMA 5-15 end of the AC power cord into an AC power source outlet.
4. Push the power button to power on the device.

Figure 2: Connect AC Power to a CSG2500 Appliance



Step 3: Check that the CSG2500 Appliance Is Powered On

To check the CSG2500 appliance is powered on, check that the Power LED is on. When the appliance is operating normally, the power LED is green.

Figure 3: Check the CSG2500 Appliance Power Status

Step 4: Configure a Management Console To Connect to a CSG2500 Appliance

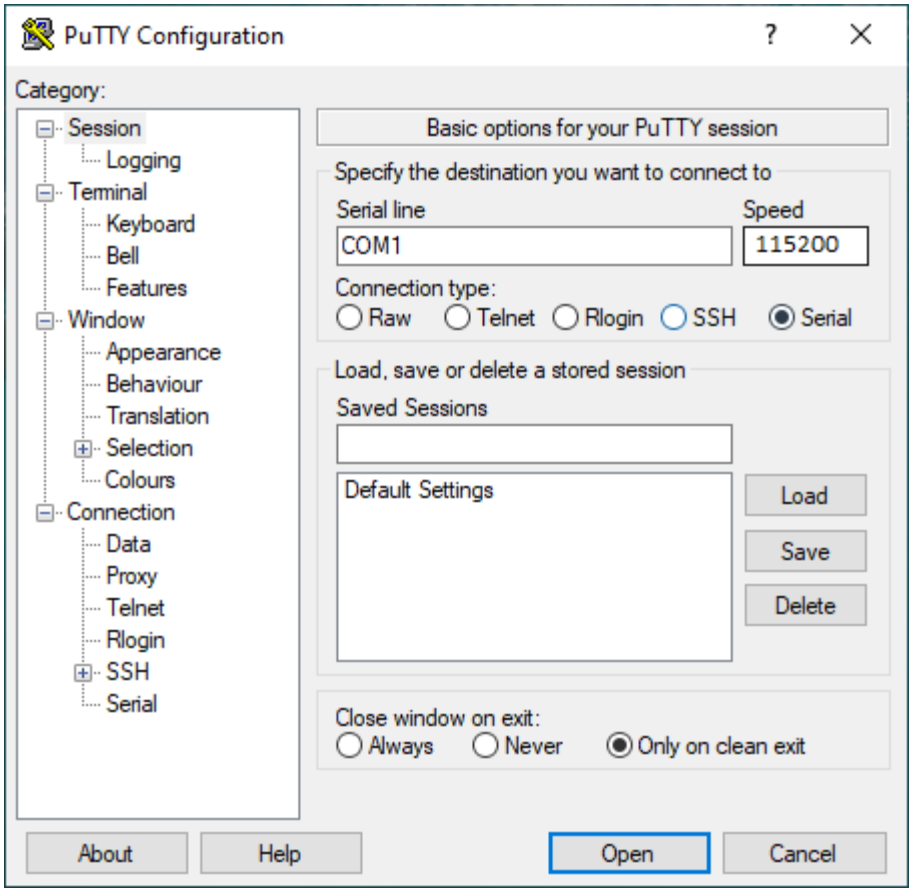
The CSG2500 appliances is equipped with an RJ45 serial console port, and you use an RJ45-to-USB serial console cable to connect the console port. To communicate with the appliance, you must have a terminal emulation program, such as PuTTY, running on your system.

When you set up the connection, use the following default console port settings:

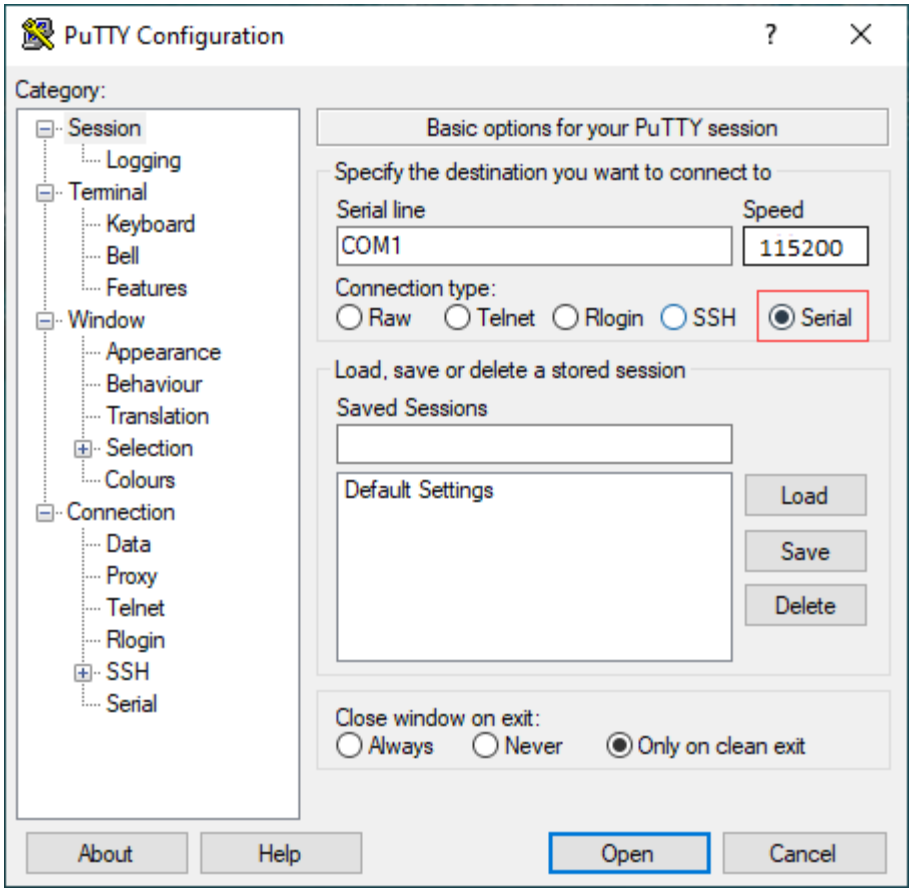
- Speed (baud): 115200
- Data bits: 8
- Stop bits: 1
- Parity: None
- Flow control: None

To connect a management console to a CSG2500 appliance:

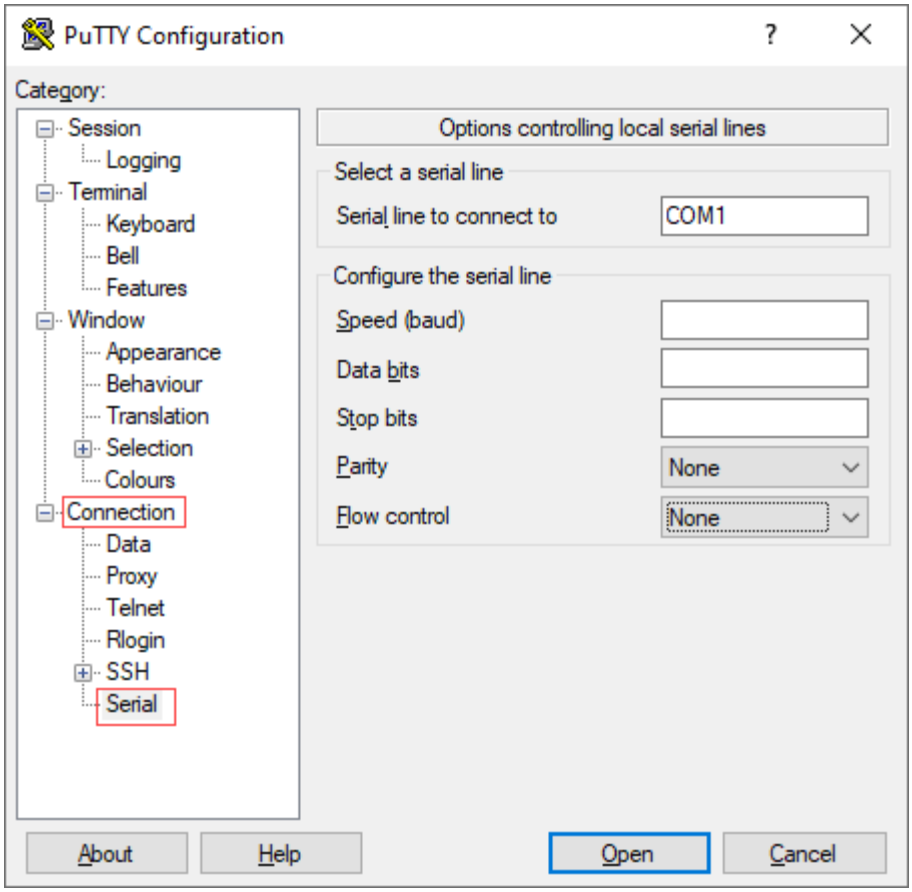
1. Open the PuTTY application. The PuTTY configuration window displays.



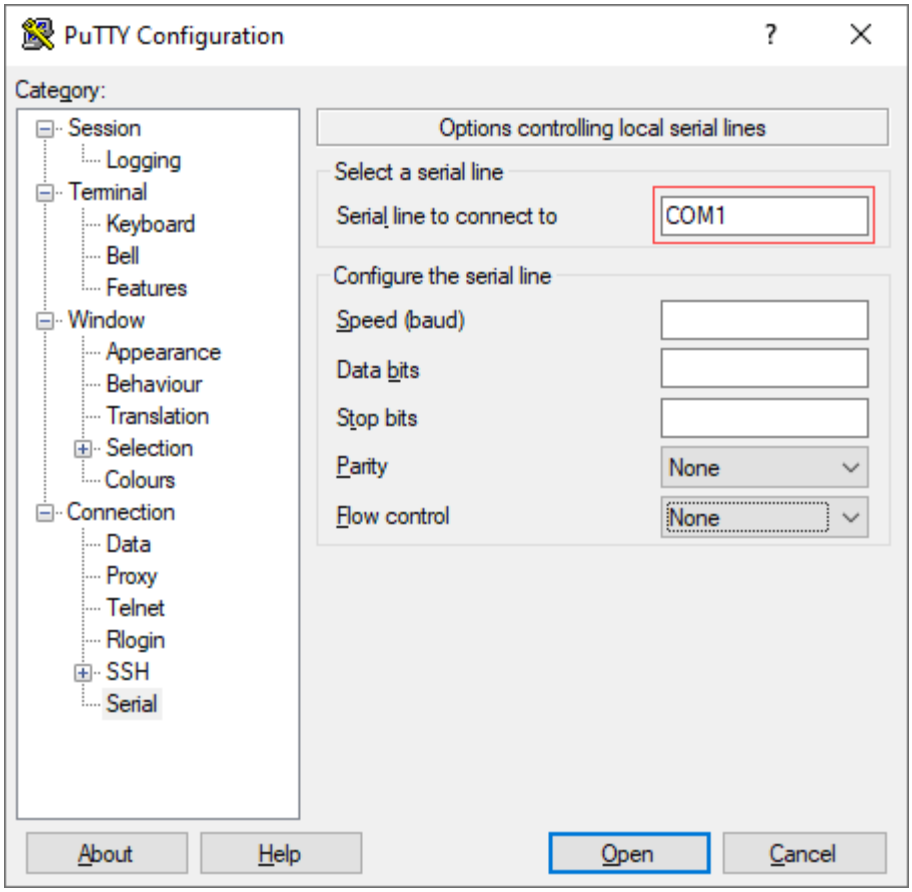
2. In the Category navigation pane, click Session, and then in the Connection Type menu, click Serial.



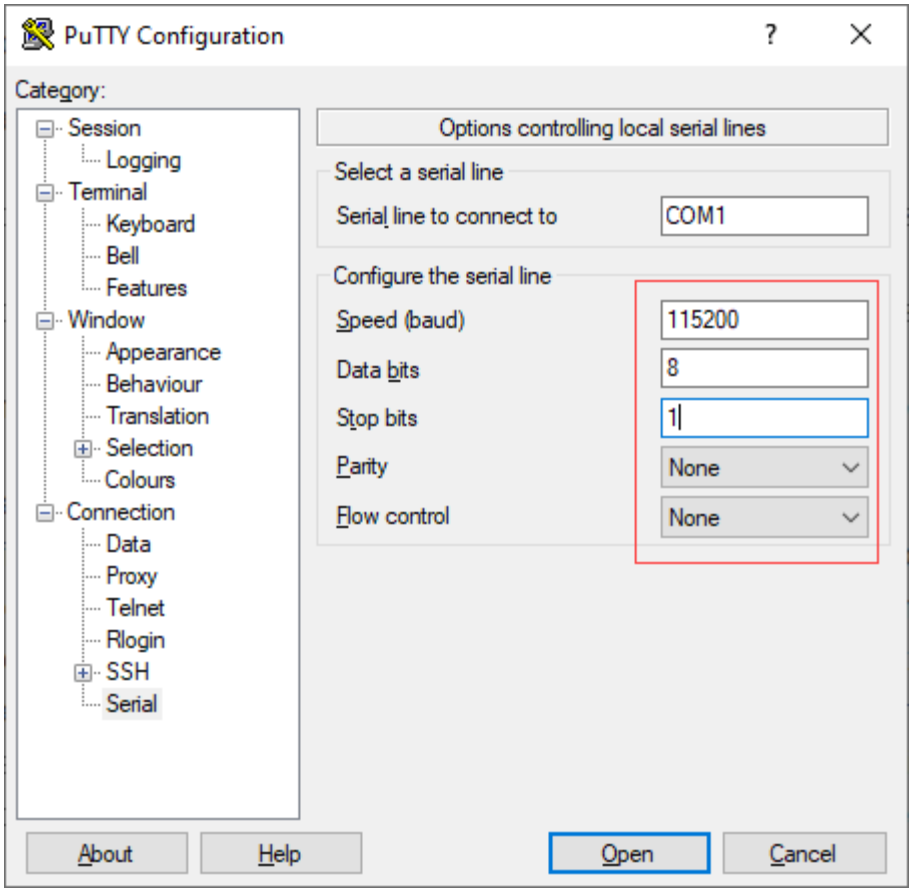
3. In the Category navigation pane, click Connection > Serial. The Options Controlling Local Serial Lines page displays.



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.

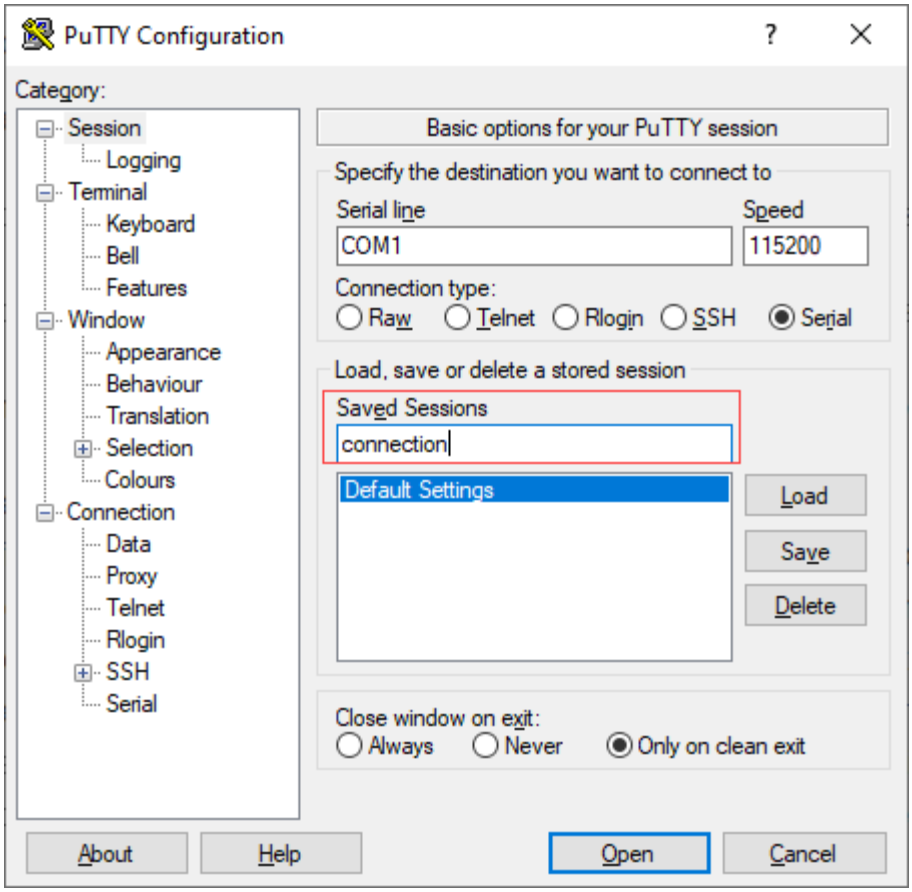


5. In the Configure the Serial Line section, enter the following information.

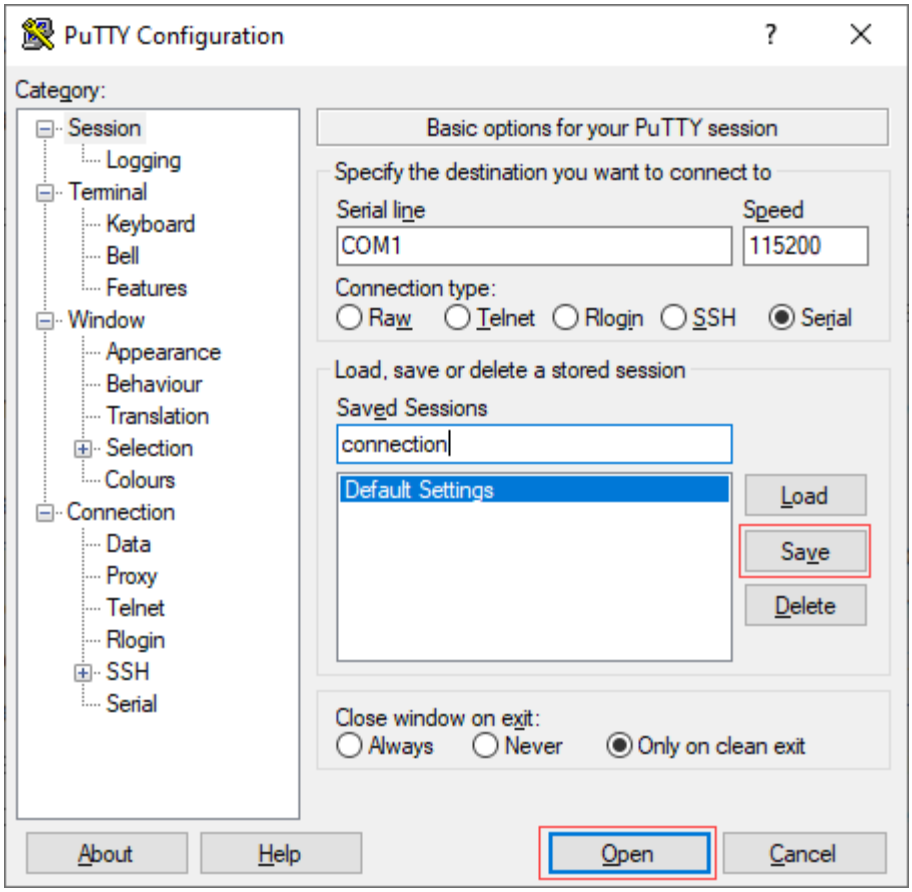


- In the Speed (Baud) field, enter the digital transmission speed. For CSG2500 appliance, the speed must be 115200 baud.
- In the Data bits field, enter the number of data bits used for each character. The recommended value is 8.
- In the Stop bits field, enter the number of bits to send at the end of 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".