How to use PuTTY on Cisco routers and switches

PuTTY, an open source, is an application protocol for transferring files over the network. It supports protocols like Telnet, SSH, SCP, rlogin, etc ... Initially, Putty was designed for the Windows platform and it was later developed for different operating systems.

In the past, HyperTerminal was emulator software that helped you communicate with a router or switch and provided a command line interface of a router or switch. HyperTerminal software is available for operating systems from Windows Vista and earlier. Subsequent versions are no longer HyperTerminal. New emulator software is therefore required to communicate, configure, manage, and monitor Cisco routers and switches. PuTTY was created for this purpose.

Here's how to use PuTTY on Cisco routers and switches.

Prepare

Click on the following link here to download PuTTY.

Make sure you have the correct console connection to the Cisco router or switch. Connect the RJ45 jack of the console cable to the console port of the router or Cisco switch. Connect the other end to the Serial port of the computer.

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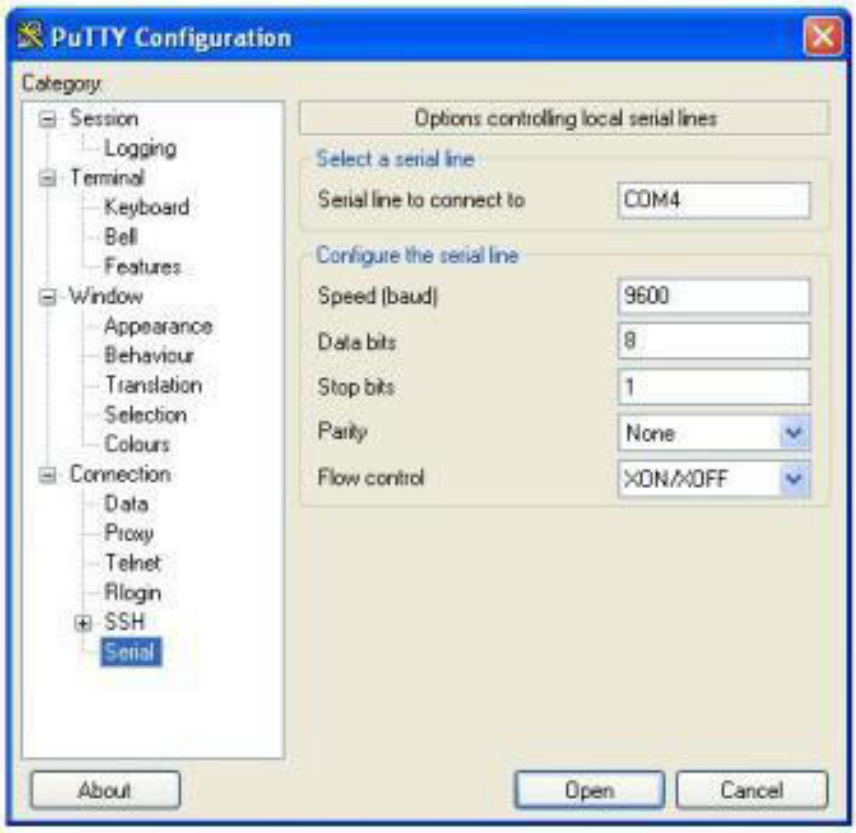
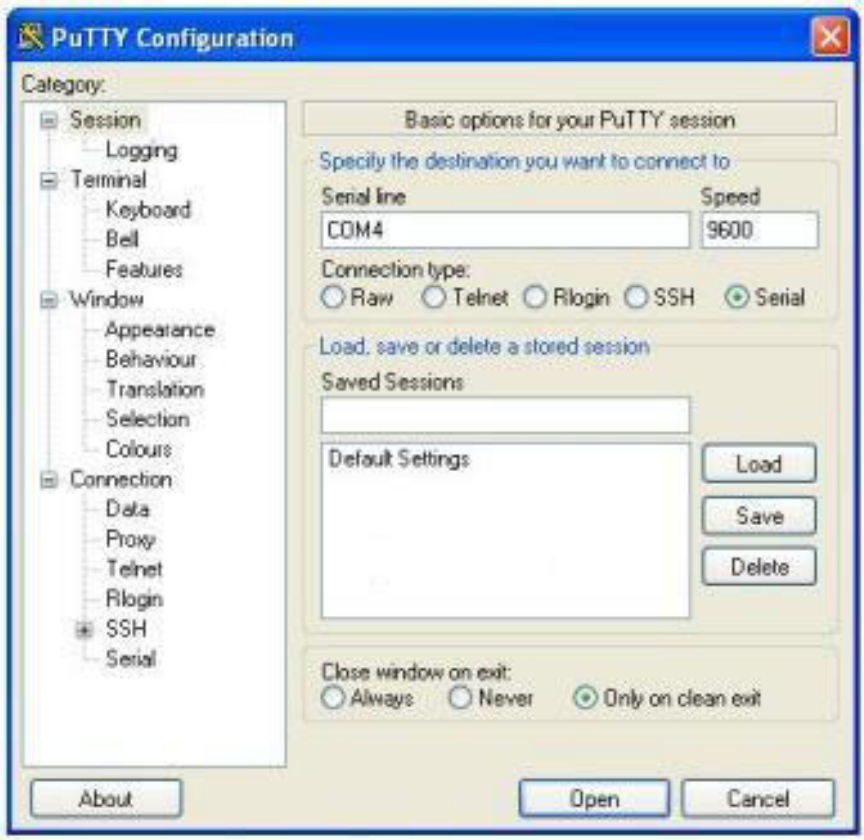
Step 1. After downloading PuTTY, connect the console cable to the Cisco router or switch, double click **putty.exe** to execute it. Expand **Connection> Serial** . Enter the port number inside the **"Serial line to connect to"** text box . The port number is **COM4** in the example below. The port number may be different on your computer. Enter the correct port number when you connect from your computer. Enter other values ??as shown below.

1. Bits per sec: 9600
2. Data bits: 8
3. Parity: none
4. Stop bits: 1
5. Flow control: none

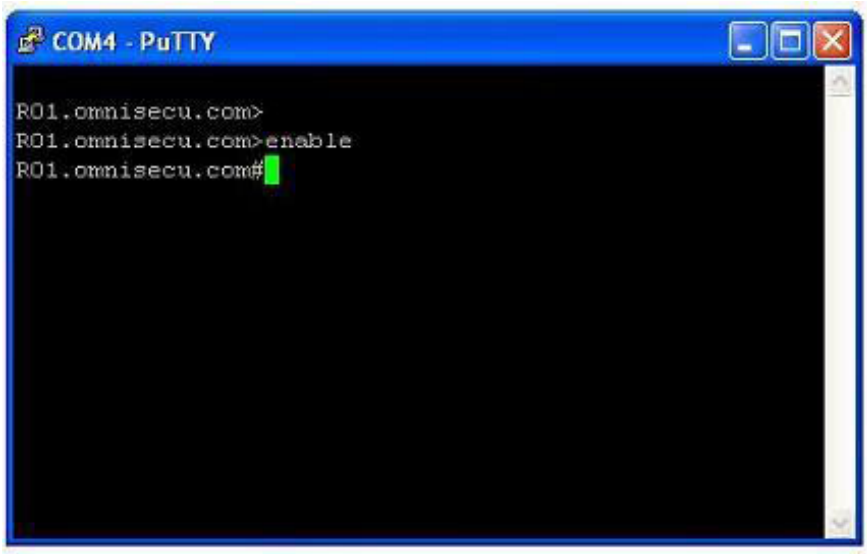


Step 2. Click **Session** and select **Serial.** Verify that you can see the port number and baud rate (**9600**) you selected earlier. Click **"Open"** to connect to the Cisco router or IOS switch.



Click "Open" to connect

Step 3. PuTTY is now connected to Cisco IOS and you can now configure, monitor or manage Cisco routers or switches using PuTTY.



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