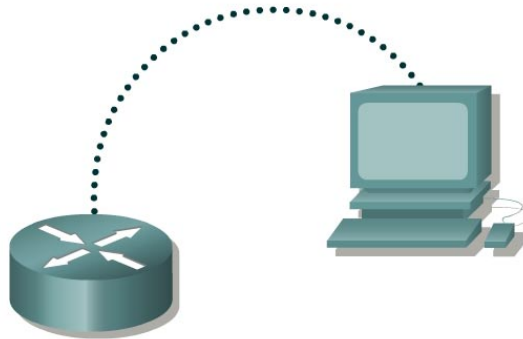
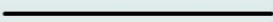


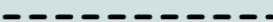


Lab 1.2.5 Connecting Console Interfaces – Instructor Version 2500



Straight-through cable	
Serial cable	
Console (Rollover)	
Crossover cable	

Objective

- Connect a PC to a router using a console or rollover cable.

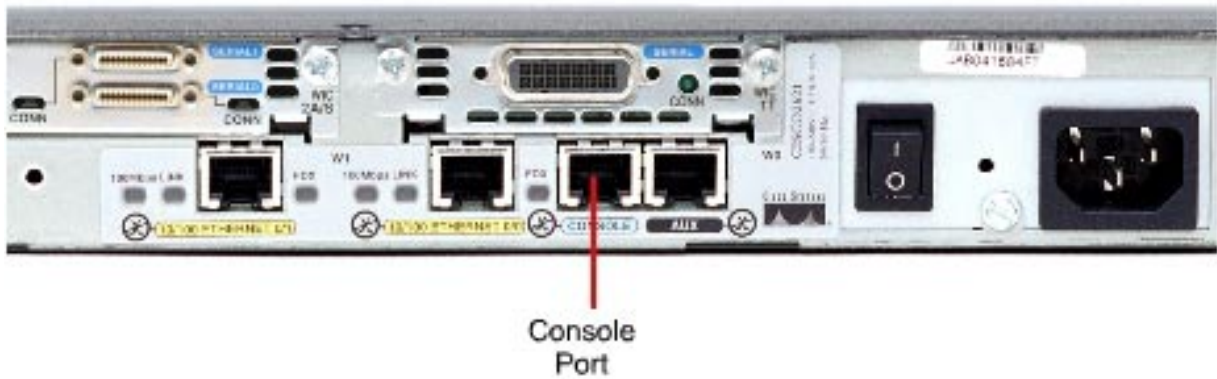
Background/Preparation

A console cable is necessary to establish a console session in order to allow checking or changing the configuration of the router. The following resources will be required:

- Workstation with a serial interface
- Cisco Router
- Console or rollover cable for connecting the workstation to the router

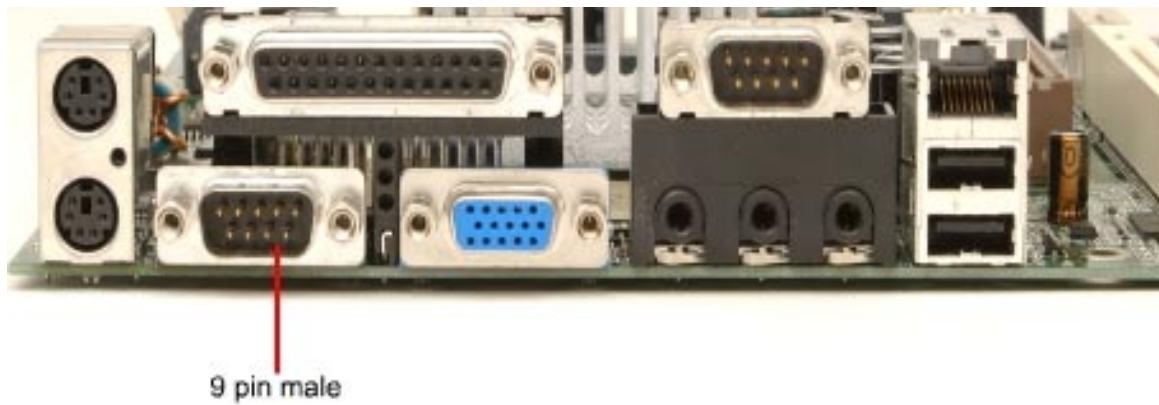
Step 1 Identify connectors and components

- a. Examine the router and locate the RJ-45 connector labeled Console.



Step 2 Identify the computer serial interface (COM 1 or 2)

- a. Examine the computer and locate a 9-pin or 25-pin male connector labeled serial. It may or may not be identified.

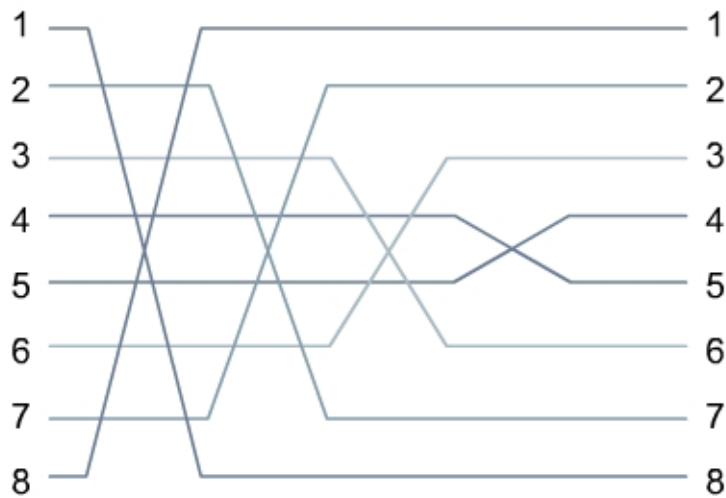


Step 3 Locate the RJ-45 to DB-9 adapter



Step 4 Locate or build a rollover cable

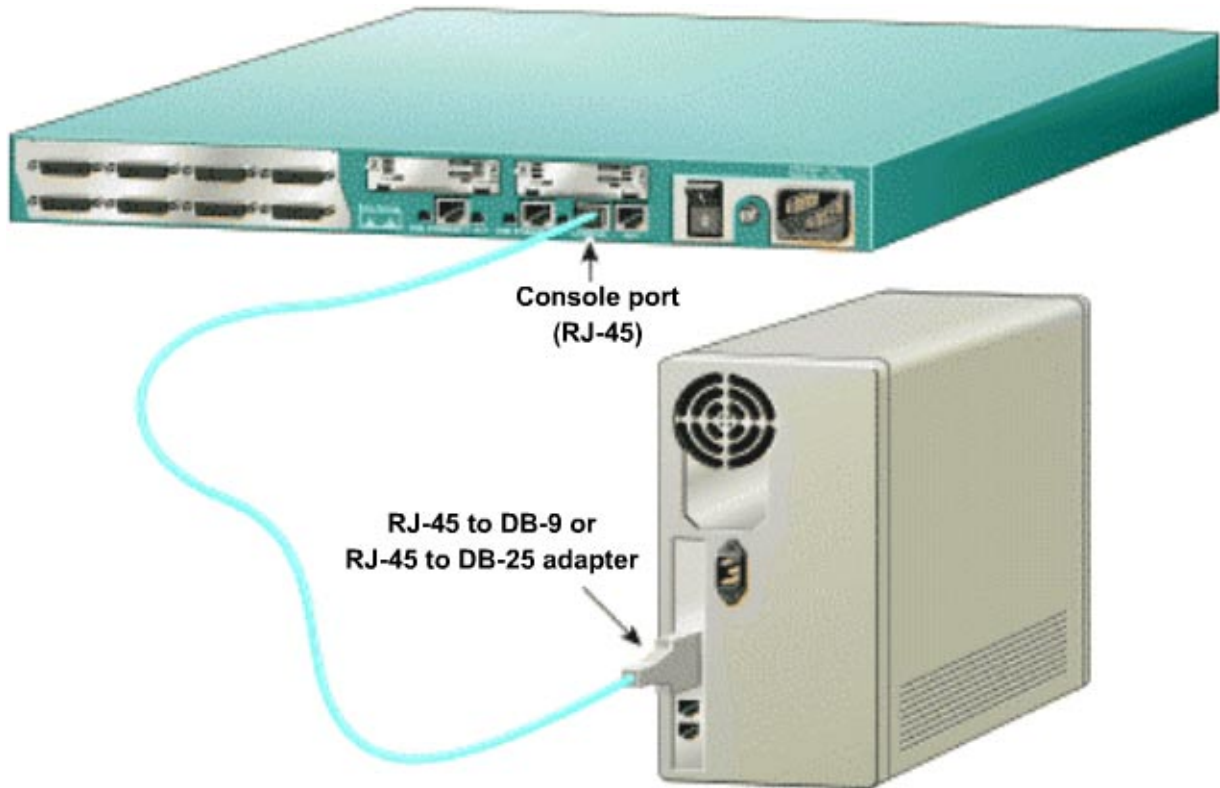
- a. Use a console or rollover cable of adequate length to connect the router to one of the workstations. Make a rollover cable if necessary.



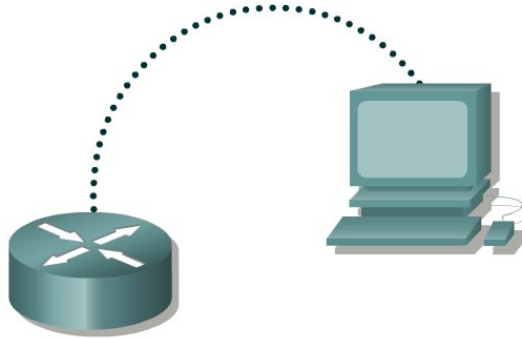
Note: Currently supplied rollover (console) cables are now being provided with a molded DB-9 connector and a RJ-45 connector.

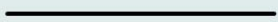



Step 5 Connect cabling components

- a. Connect the console or rollover cable to the router console port, an RJ-45 connector. Next, connect the other end of the console or rollover cable to the RJ-45 to DB-9 or RJ-45 to DB-25 adapter depending on the available PC serial port. Finally attach the adapter to a PC serial port, either DB-9 or DB-25, depending on the computer.



Lab 1.2.5 Connecting Console Interfaces – Instructor Version 2600



Straight-through cable	
Serial cable	
Console (Rollover)	
Crossover cable	

Objective

- Connect a PC to a router using a console or rollover cable.

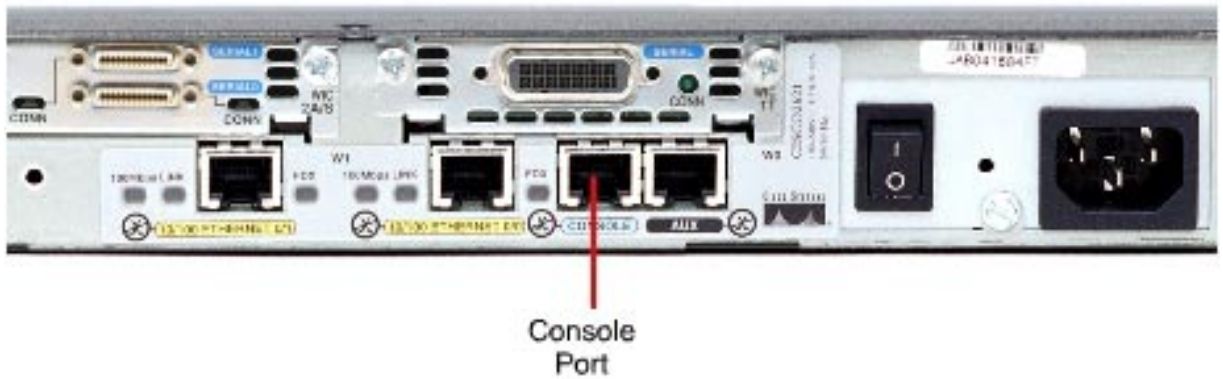
Background/Preparation

A console cable is necessary to establish a console session in order to allow checking or changing the configuration of the router. The following resources will be required:

- Workstation with a serial interface
- Cisco Router
- Console or rollover cable for connecting the workstation to the router

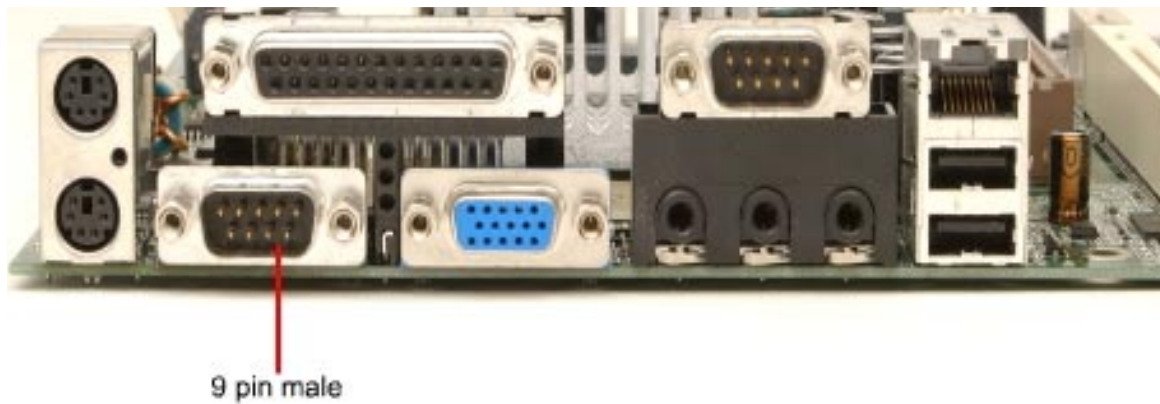
Step 1 Identify connectors and components

- a. Examine the router and locate the RJ-45 connector labeled Console.



Step 2 Identify the computer serial interface (COM 1 or 2)

- a. Examine the computer and locate a 9-pin or 25-pin male connector labeled serial. It may or may not be identified.

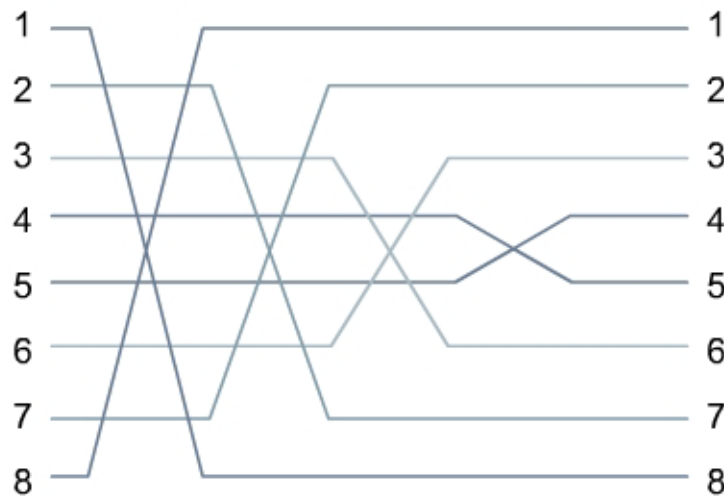


Step 3 Locate the RJ-45 to DB-9 adapter



Step 4 Locate or build a rollover cable

- a. Use a console or rollover cable of adequate length to connect the router to one of the workstations. Make a rollover cable if necessary.



NOTE: Currently supplied rollover (console) cables are now being provided with a molded DB-9 connector and a RJ-45 connector.

Step 5 Connect cabling components

- a. Connect the console or rollover cable to the router console port, an RJ-45 connector. Next, connect the other end of the console or rollover cable to the RJ-45 to DB-9 or RJ-45 to DB-25 adapter depending on the available PC serial port. Finally attach the adapter to a PC serial port, either DB-9 or DB-25, depending on the computer.

