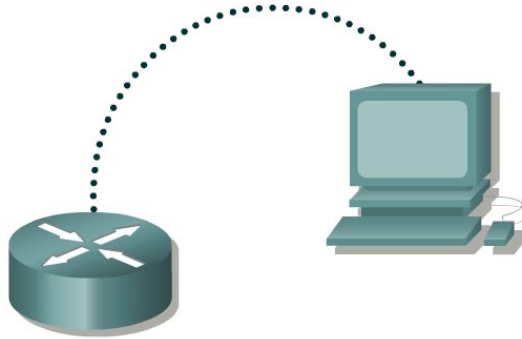


## Lab 1.2.5 Connecting Console Interfaces



|                        |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| Straight-through cable | —————                                                                                         |
| Serial cable           | —————  ————— |
| Console (Rollover)     | .....                                                                                         |
| Crossover cable        | - - - - -                                                                                     |

### Objective

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

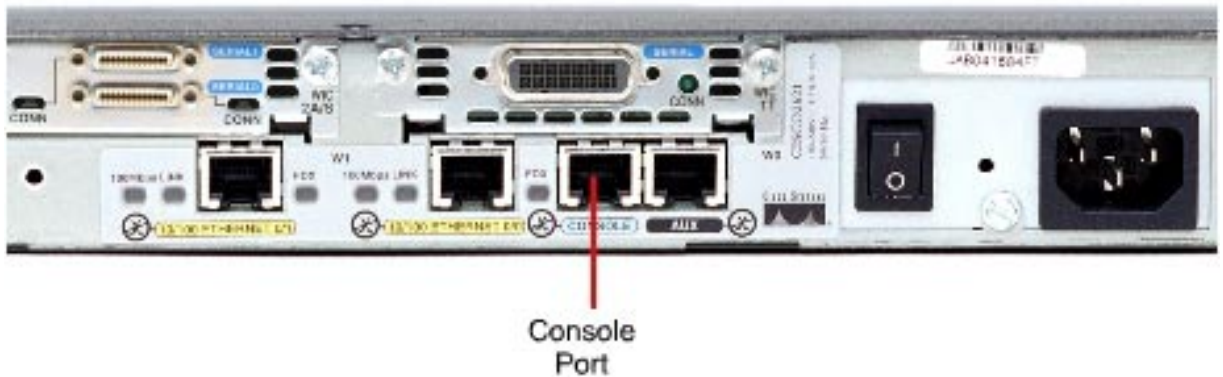
### Background/Preparation

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

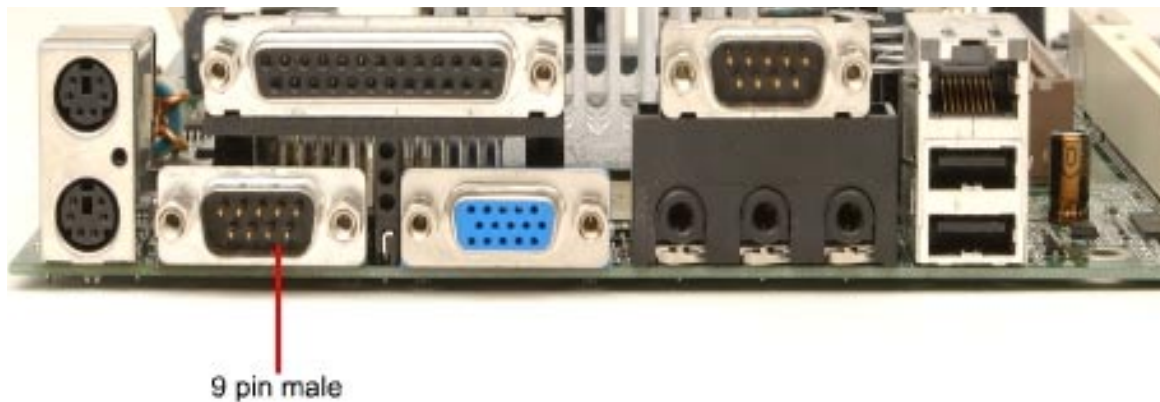
## Step 1 Identify connectors and components

- 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.

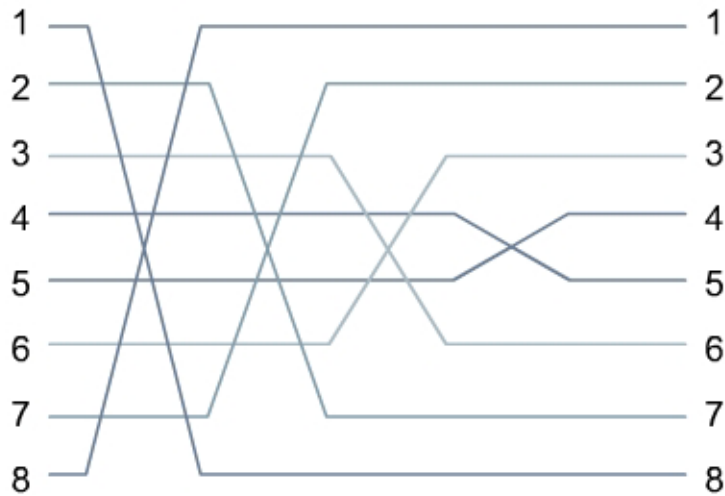


## Step 3 Locate the RJ-45 to DB-9 adapter



#### Step 4 Locate or build a rollover cable

- a. Use a rollover cable, making one if necessary of adequate length to connect the router to one of the workstations.



## Step 5 Connect cabling components

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

