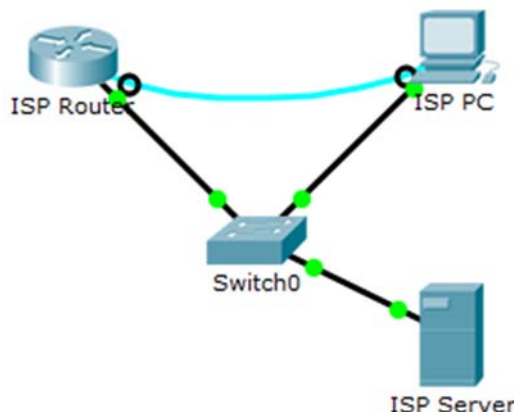# Packet Tracer – Using the Cisco IOS Show

Topology

Objectives

- Use the Cisco IOS **show** commands

Background / Scenario

The Cisco IOS **show** commands are used extensively when working with Cisco equipment. In this activity, you will use the **show** commands on a router located at an ISP.

Step 1: Connect to the ISP Cisco 1941 router.

In this step, you will use the terminal emulation software on ISP PC to connect to the Cisco 1941 router.

a. Click **ISP PC**.

b. Click **Desktop** tab. Select **Terminal**. Review the terminal configuration and click **OK** to continue.

c. The **ISPRouter >** prompt indicates that you are in user EXEC mode. Press Enter if the prompt did not display.

Step 2: Explore the show commands.

Use the information displayed by these **show** commands to answer the following questions.

a. Type **show arp** at the prompt.

Record the MAC address and the IP address listed. _____
Type **show flash** at the prompt.

Record the IOS image listed: _____
Type **show ip route** at the prompt.

How many routes are listed in the table? _____
Type **show interfaces** at the prompt.

Which interface is up and running?

Interface	Status	Protocol
GigabitEthernet 0/0	Up	
GigabitEthernet 0/1		Down
Serial0/1/0		
Serial0/1/1	Down	

b.   Type **show version** at the prompt.

What technology package is enabled currently on the router? _____
Type **show ?** at the prompt. List a few more **show** commands that are available in the user EXEC mode.

_____

_____

c.   Enter **enable** at the prompt to enter the privileged EXEC mode. List some additional **show** commands in this mode.

_____

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