****Packet Tracer - Using Show Commands**** (Instructor Version)

**Instructor Note:** Red font color or Gray highlights indicate text that appears in the instructor copy only.

1. Objectives

Part 1: Analyze Show Command Output

Part 2: Reflection Questions

1. Background

This activity is designed to reinforce the use of router **show** commands. You are not required to configure, but rather examine the output of several **show** commands.

1. Analyze Show Command Output
	1. Connect to ISPRouter
		1. Click **ISP PC**, then the **Desktop** tab, followed by **Terminal**.
		2. Enter privileged EXEC mode.
		3. Use the following **show** commands to answer the Reflection Questions in Part 2:

show arp

show flash:

show ip route

show interfaces

show ip interface brief

show protocols

show users

show version

1. Reflection Questions
	1. Which commands would provide the IP address, network prefix, and interface? show ip route, show interfaces, show protocols (before IOS 15, the show ip route command did not display the IP address of the interfaces)
	2. Which commands provide the IP address and interface assignment, but not the network prefix? show ip interface brief
	3. Which commands provide the status of the interfaces? show interfaces, show ip interface brief
	4. Which commands provide information about the IOS loaded on the router? show flash, show version
	5. Which commands provide information about the addresses of the router interfaces? show arp, show interfaces
	6. Which commands provide information about the amount of and Flash memory available? show version
	7. Which commands provide information about the lines being used for configuration or device monitoring? show users
	8. Which commands provide traffic statistics of router interfaces? show interfaces
	9. Which commands provide information about paths available for network traffic? show ip route
	10. Which interfaces are currently active on the router? GigabitEthernet 0/0, Serial 0/0/1

Suggested Scoring Rubric

Each question is worth 10 points for a total score of 100.