Packet Tracer - Using Show Commands

Objectives

Part 1: Analyze Show Command Output

Part 2: Reflection Questions

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.

Part 1: Analyze Show Command Output

Step 1:   Connect to ISPRouter

a. Click **ISP PC**, then the **Desktop** tab, followed by **Terminal**.

b. Enter privileged EXEC mode.

c. 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
```

Part 2: Reflection Questions

1. Which commands would provide the IP address, network prefix, and interface?

2. Which commands provide the IP address and interface assignment, but not the network prefix?

3. Which commands provide the status of the interfaces?

4. Which commands provide information about the IOS loaded on the router?

5. Which commands provide information about the addresses of the router interfaces?

6. Which commands provide information about the amount of and Flash memory available?

7. Which commands provide information about the lines being used for configuration or device monitoring?

8. Which commands provide traffic statistics of router interfaces?

9. Which commands provide information about paths available for network traffic?

10. Which interfaces are currently active on the router?

Suggested Scoring Rubric

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