****Packet Tracer - Using Show Commands****

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?

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

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* 1. Which commands provide the status of the interfaces?

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

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

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

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

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* 1. Which commands provide traffic statistics of router interfaces?

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

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* 1. Which interfaces are currently active on the router?

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Suggested Scoring Rubric

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