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## Week 2 Quiz

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1. A network administrator is working on a Cisco router. The CLI prompt is Router1(config-if)#. Which operation is the administrator likely to configure next?

1 / 1 point

- ☐ the console port
- ☐ the vty lines
- ☒ a LAN interface



**Correct**

Cisco IOS uses different prompts to identify the specific configuration modes. The prompt Router1(config-if)# is a subconfiguration mode of Router(config)#. This mode indicates that the configuration commands that follow are applied to a LAN or WAN interface

2. What is the difference between the terms keyword and argument in the IOS command structure?

1 / 1 point

- ☐ A keyword is required to complete a command. An argument is not.
- ☐ A keyword is entered with a predefined length. An argument can be any length.
- ☐ A keyword always appears directly after a command. An argument does not.
- ☒ A keyword is a specific parameter. An argument is not a predefined variable.



**Correct**

Keywords are specific parameters that are defined in IOS. Arguments are not predefined; they are the variables defined by the user when completing a command.

3. A network administrator is troubleshooting inter-connection issues between routers. Which **show** command can be used to check which networks the router is connected?

1 / 1 point

- ☐ show protocols
- ☒ show ip route
- ☐ show arp
- ☐ show interfaces



**Correct**

The **show ip route** command displays the routing table for the router. It displays which networks are connected to the router.

4. While troubleshooting a network problem, a network administrator issues the **show version** command on a router. What information can be found by using this command?

1 / 1 point

- ☒ the amount of NVRAM, DRAM, and flash memory installed on the router
- ☐ the bandwidth, encapsulation, and traffic statistics on each of the interfaces
- ☐ the current running configuration
- ☐ the MAC address to IP address mapping for connected devices



**Correct**

The **show version** command displays much information about the device, including the amount of memory (flash, NVRAM, and DRAM) that is installed on the device.

5. Which Cisco IOS mode displays a prompt of **Router#**?

1 / 1 point

- ☒ privileged EXEC mode
- ☐ user EXEC mode
- ☐ setup mode
- ☐ global configuration mode

✓ **Correct**

Cisco IOS uses different command modes for operational needs. The privileged EXEC mode is identified by a prompt that ends with the # symbol after the device name.