

# Cisco

## Exam Questions 100-490

Supporting Cisco Routing & Switching Network Devices



#### NEW QUESTION 1

Which two statements about Telnet and SSH are true? (Choose two.)

- A. SSH is a protocol that provides a secure remote access connection to network devices.
- B. SSH uses the well-known TCP port 23 for its communication.
- C. A Telnet network management connection is dropped when a router reboots.
- D. Telnet is a protocol that provides a secure remote access connection to network devices.
- E. Telnet is preferred over SSH for security reasons.

**Answer:** AC

#### NEW QUESTION 2

Which address facilitates the routing of packets over an IP network?

- A. physical
- B. transport
- C. network
- D. MAC

**Answer:** C

#### NEW QUESTION 3

The pins on an RJ-45 cable plug are numbered from 1 through 8. When the metal pins of the plug are facing toward you, pin 1 is the leftmost pin. Which two sets of pins are looped on an RJ-45 56K loopback plug? (Choose two.)

- A. pins 2 and 7 B.pins 2 and 8
- B. pins 2 and 5 D.pins 1 and 7
- C. pins 1 and 4

**Answer:** CE

#### NEW QUESTION 4

Which two Cisco Nexus 3400 Series switches support 400-Gbps Ethernet ports? (Choose two.)

- A. Cisco Nexus 34180YC
- B. Cisco Nexus 34200YC-SM
- C. Cisco Nexus 3432D-S
- D. Cisco Nexus 3408-S
- E. Cisco Nexus 3464C

**Answer:** CD

#### NEW QUESTION 5

Which type of memory stores the configuration of a router or switch by default?

- A. RAM
- B. ROM
- C. NVRAM
- D. flash

**Answer:** A

#### NEW QUESTION 6

What is the default operating mode when you initially log in to a router?

- A. user EXEC
- B. global configuration
- C. privileged EXEC
- D. ROM monitor

**Answer:** A

#### NEW QUESTION 7

Which command displays a list of file systems that are available on Cisco devices?

- A. show memory
- B. show directory
- C. show file system
- D. show version

**Answer:** C

#### NEW QUESTION 8

Which command displays the configuration register setting?

- A. show flash
- B. show running-config
- C. show version
- D. show config-register

**Answer: C**

**NEW QUESTION 9**

Which command provides detailed information about the components that are installed on a router, such as the model, PID, and serial number?

- A. show chassis
- B. show items
- C. show inventory
- D. show router

**Answer: C**

**NEW QUESTION 10**

Which type of port on a laptop is used to connect to an Ethernet port on a Cisco switch?

- A. DVI
- B. RJ-11
- C. DB-9
- D. RJ-45

**Answer: D**

**NEW QUESTION 11**

An Ethernet interface is up and the line protocol is down. What are two possible causes? (Choose two.)

- A. There is a speed or duplex mismatch with the remote device.
- B. There is a Layer 2 mismatch in the encapsulation type.
- C. The Ethernet interface has been manually disabled.
- D. Keepalives are not being received by the local device.
- E. The Ethernet cable might not be attached properly.

**Answer: AB**

**NEW QUESTION 12**

Which Xmodem option is used to enhance error checking of an image that is copied to flash memory?

- A. -e
- B. -r
- C. -c
- D. -x

**Answer: C**

**NEW QUESTION 13**

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