

# Cisco

## Exam Questions 100-490

Supporting Cisco Routing & Switching Network Devices



#### NEW QUESTION 1

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

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

**Answer:** C

#### NEW QUESTION 2

What are two components of a WAN connection? (Choose two.)

- A. CSU/DSU
- B. router
- C. bridge
- D. hub
- E. switch

**Answer:** AB

#### NEW QUESTION 3

Which device is a DTE device?

- A. CSU/DSU
- B. router
- C. cable modem
- D. DSL modem

**Answer:** B

#### NEW QUESTION 4

Which layer of the OSI model defines how data is formatted for transmission and how access to the physical media is controlled?

- A. presentation
- B. data link
- C. network
- D. transport

**Answer:** B

#### NEW QUESTION 5

Which type of physical connector does a Gigabit Ethernet port typically use?

- A. RJ-9
- B. RJ-45
- C. DB-25
- D. RJ-11

**Answer:** B

#### NEW QUESTION 6

Which two pairs of LAN Ethernet devices use an RJ-45 straight-through cable? (Choose two.)

- A. switch-to-switch
- B. switch-to-router
- C. switch-to-hub
- D. router-to-router
- E. switch-to-server

**Answer:** BE

#### NEW QUESTION 7

Which two features are associated with single-mode fiber-optic cable? (Choose two.)

- A. consists of a single strand of glass fiber
- B. has higher attenuation than multimode fiber
- C. carries a higher bandwidth than multimode fiber
- D. costs less than multimode fiber
- E. operates over less distance than multimode fiber

**Answer:** AC

#### NEW QUESTION 8

Which type of transceiver module is used for 40 Gigabit Ethernet connectivity?

- A. SFP+
- B. GBIC
- C. QSFP+
- D. XFP

**Answer:** C

#### NEW QUESTION 9

Which two ports on a laptop are used to gain console access to a Cisco switch? (Choose two.)

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

**Answer:** AB

#### NEW QUESTION 10

Which two commands identify the serial number of a Cisco router? (Choose two.)

- A. show run
- B. show inventory
- C. show environment
- D. show version
- E. show archive

**Answer:** BD

#### NEW QUESTION 10

Which two commands set the configuration register value? (Choose two.)

- A. rommon>confreg 0x2102
- B. router(config)#confreg 0x2102
- C. rommon>config-register 0x2102
- D. router(config)#configuration-register 0x2102
- E. router(config)#config-register 0x2102

**Answer:** AE

#### NEW QUESTION 14

Which type of memory is used to permanently store Cisco IOS Software?

- A. NVRAM
- B. flash
- C. SRAM
- D. DRAM

**Answer:** A

#### NEW QUESTION 17

Which two pieces of information are displayed when you use the show ip interface brief command? (Choose two.)

- A. Layer 2 address
- B. keepalive
- C. Layer 3 address
- D. encapsulation type
- E. interface status

**Answer:** CE

#### NEW QUESTION 19

Cisco NX-OS has added the ability to use which type of custom scripting to help manage user networks?

- A. C++
- B. Collective
- C. SQL
- D. Python

**Answer:** D

#### NEW QUESTION 23

Which Windows-based text editor is preferred for working with a simple text document, such as a Cisco configuration?

- A. Microsoft Word
- B. Microsoft Notepad
- C. Microsoft Access
- D. Microsoft Excel

**Answer:** B

#### NEW QUESTION 27

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 30

From the enable mode, which command loads the configuration during the password recovery process on a Cisco router?

- A. load\_helper
- B. configure terminal
- C. copy running-config startup-config
- D. copy startup-config running-config

**Answer:** D

#### NEW QUESTION 34

Which command initiates the copying of a Cisco IOS image to a Cisco device?

- A. copy tftp nvram
- B. copy tftp flash
- C. copy flash tftp
- D. copy xmodem flash

**Answer:** B

#### NEW QUESTION 39

Which two commands are valid for copying a saved configuration to RAM? (Choose two.)

- A. copy startup-config running-config
- B. copy running-config startup-config
- C. copy tftp running-config
- D. copy running-config tftp
- E. copy tftp startup-config

**Answer:** AC

#### NEW QUESTION 41

What does Cisco use for Return Materials Authorization tracking of field- replaceable parts?

- A. product number
- B. serial number
- C. RMA number
- D. FRU number

**Answer:** C

#### NEW QUESTION 46

Which set of steps best describes how to assign a static IP address to the Ethernet port on a computer?

- A. From the Network and Sharing Center, click Internet Protocol (TCP/IP), and follow the New Connection Wizard instructions.
- B. From the Network and Sharing Center, click Change adapter, then double-click a local area connectio
- C. Select Internet Protocol (TCP/IP) > Properties > Use the Following Address, and then configure the IP information.
- D. Click Star
- E. Enter cmd and click O
- F. Enter the IP address XXX.XXX.XXX.XXX.
- G. From the Network and Sharing Center, double-click Local Area Connectio
- H. Select Properties > iPass Protocol (IEEE 802.1x) > Properties > Static IP.

**Answer:** B

#### NEW QUESTION 51

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