

Cisco

Exam Questions 100-490

Supporting Cisco Routing & Switching Network Devices



NEW QUESTION 1

Which protocol does TFTP typically use for transport?

- A. RSVP
- B. TCP
- C. HTTP
- D. UDP

Answer: D

NEW QUESTION 2

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 3

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

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

Answer: C

NEW QUESTION 4

Which two IPv4 addresses can be assigned to a host computer? (Choose two.)

- A. 255.255.255.255
- B. 10.1.1.20
- C. 0.0.0.0
- D. 192.168.10.15
- E. 292.10.3.4

Answer: BD

NEW QUESTION 5

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 6

Which command shows the status of power supplies and sensor temperatures?

- A. show hardware
- B. show module
- C. show environment
- D. show diag

Answer: C

NEW QUESTION 7

What are two standard fiber-optic connectors? (Choose two.)

- A. Lucent
- B. rollover
- C. subscriber
- D. multidimension
- E. crossover

Answer: AC

NEW QUESTION 8

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 9

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 10

Which two statements about a SmartJack are true? (Choose two.)

- A. It provides signal conversion.
- B. It acts as a concentration point for dial-in and dial-out connections.
- C. It operates at Layer 2 of the OSI model.
- D. It provides channel testing.
- E. It regenerates the signal to compensate for signal degradation from line transmission.

Answer: AE

NEW QUESTION 10

The colored wires at one end of a cable are in reverse sequence to the colored wires at the other end of the cable. Which cable does this configuration describe?

- A. rolled
- B. crossover
- C. coaxial
- D. straight-through

Answer: B

NEW QUESTION 12

Which Cisco CPAK 100GBASE module supports Multimode Fiber cable?

- A. Cisco CPAK-100G-CWDM4
- B. Cisco CPAK-100G-LR4
- C. Cisco CPAK-100G-ER4L
- D. Cisco CPAK-100G-SR4

Answer: D

NEW QUESTION 16

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 17

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 22

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 25

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

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

Answer: A

NEW QUESTION 28

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 31

Which command displays information about the carrier network, cell site, and available service?

- A. show cellular unit network
- B. show cellular unit radio
- C. show cellular unit hardware
- D. show cellular unit profile

Answer: A

NEW QUESTION 35

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 36

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 39

From a Windows command prompt, which command displays the local IP address of a computer?

- A. ipconfiguration
- B. ip configuration
- C. ipconfig
- D. ip config

Answer: C

NEW QUESTION 43

What is the Windows-based program that executes the ping command to test network connectivity?

- A. cmd

- B. Find
- C. Start
- D. ipconfig

Answer: A

NEW QUESTION 47

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 49

TFTP is a simple protocol for transferring files, such as a Cisco IOS or configuration file, from one device to another. Which device can be configured as a TFTP server?

- A. Cisco Content Engine
- B. modem
- C. Cisco router
- D. CSU/DSU

Answer: C

NEW QUESTION 54

What is the primary method for recovering or upgrading a Cisco network device system image?

- A. USB storage
- B. FTP
- C. the tftpdnld command
- D. the xmodem command

Answer: C

NEW QUESTION 59

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 64

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 66

ESD is the sudden and momentary electric current that flows between two objects at different electrical potentials, caused by direct contact or induced by an electrostatic field. Which three tools are used to avoid ESD? (Choose three.)

- A. negative static bag
- B. antistatic mat
- C. ESD wrist strap
- D. negative static mat
- E. antistatic bag
- F. latex gloves

Answer: BCE

NEW QUESTION 67

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