



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

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

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

Answer: AC

NEW QUESTION 4

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 5

What is the line speed of a DS0 in North America?

- A. 16 kbps
- B. 32 kbps
- C. 64 kbps
- D. 128 kbps

Answer: C

NEW QUESTION 6

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 7

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 8

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 9

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 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 bits represent the boot field in the configuration register value?

- A. highest two bits
- B. lowest two bits
- C. highest four bits
- D. lowest four bits

Answer: D

NEW QUESTION 15

Which type of memory stores the decompressed form of Cisco IOS Software and the running configuration?

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

Answer: D

NEW QUESTION 18

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 19

At the interface configuration prompt, which command returns you to the main configuration prompt?

- A. end
- B. clear
- C. quit
- D. exit

Answer: D

NEW QUESTION 24

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 27

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 28

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 32

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 33

Which type of Cisco console cable is used to connect a laptop to the console port on a Cisco router?

- A. straight-through
- B. fiber
- C. crossover
- D. rollover

Answer: D

NEW QUESTION 34

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 38

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 42

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 45

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 47

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