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 address facilitates the routing of packets over an IP network?

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

Answer: C

NEW QUESTION 3
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 4
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 5
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 6
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 7
How many pairs of copper wire does a UTP cable have?

A. 2
B. 3
C. 4
D. 5

Answer: C

NEW QUESTION 8

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 9
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 10
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 10
Which two pieces of information about a neighboring device are displayed when you use the CLI command show cdp neighbor? (Choose two.)

A. platform
B. uptime
C. device ID
D. Cisco IOS Software version
E. IP address

Answer: AC

NEW QUESTION 11
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 14
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 15
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 17
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 22
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 27
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 32
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 33
What are two purposes of a USB thumb drive? (Choose two.)

A. to save the system log
B. to copy configuration files to and from a PC
C. to save router hardware information
D. to copy IOS images to and from a PC
E. to increase system memory size

Answer: BD

NEW QUESTION 34
Which command initiates the transfer of a Cisco IOS image over IP from ROMMON?

A. Xmodem
B. copy tftp: flash:
C. copy flash: tftp:
D. tftpdnld

Answer: D

NEW QUESTION 38
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 40
Which type of port is used to connect a laptop to an Ethernet port on a Cisco router?

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

Answer: C

NEW QUESTION 41
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 42
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