Cisco

Exam Questions 100-490

Supporting Cisco Routing & Switching Network Devices

NEW QUESTION 1
What is the correct IPv6 address notation?

A. 2001:0DB8::/128
B. 2001:0DB8:0::
C. 2001:0DB8::1:1:1:1:1
D. 2001:0DB8:130F:0000:0000:7000:0000:140B

Answer: D

NEW QUESTION 2
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 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 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
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 6
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 7
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 8
How many pairs of copper wire does a UTP cable have?

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

Answer: C

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

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

Answer: A

NEW QUESTION 10
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 14
Which command sends an echo request packet to the target host and then waits for an echo response message?

A. echo
B. access
C. ping
D. connect

Answer: C

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 24
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 29
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 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 35
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 40
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 42
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 43
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 44
Which method is the fastest way to recover a software version that supports a USB flash port on a Cisco device?

A. tftp command
B. xmodem transfer command
C. copy command with USB memory
D. copy tftp flash: command

Answer: C

NEW QUESTION 48
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 53
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 55
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 57
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