100-490 Dumps

Supporting Cisco Routing & Switching Network Devices

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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 address facilitates the routing of packets over an IP network?

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

Answer: C

NEW QUESTION 3
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 4
Which device is a DTE device?

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

Answer: B

NEW QUESTION 5
What are two standard fiber-optic connectors? (Choose two.)

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

Answer: AC

NEW QUESTION 6
Which type of physical connector does a Gigabit Ethernet port typically use?
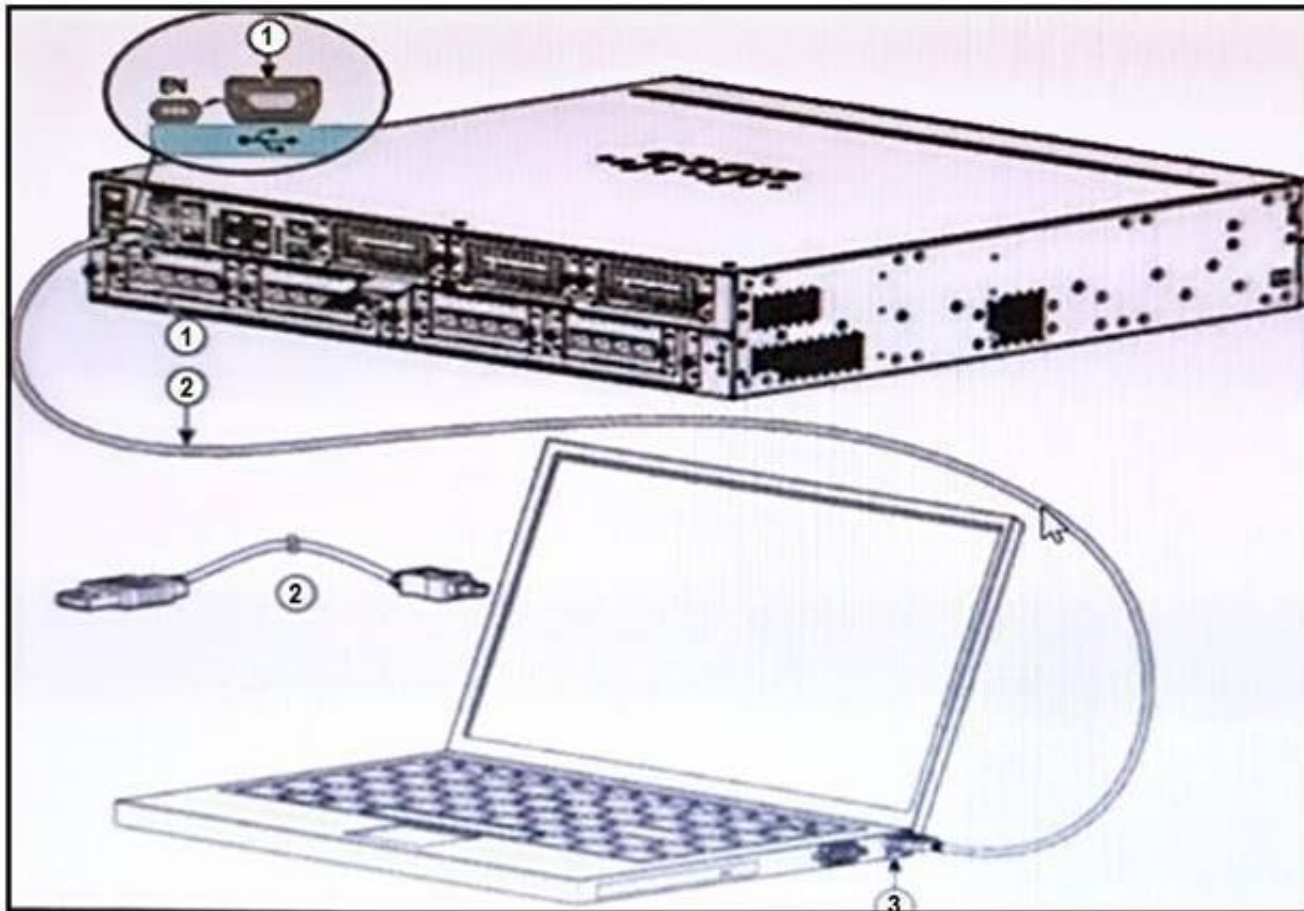
A. RJ-9
B. RJ-45
C. DB-25
D. RJ-11

Answer: B

NEW QUESTION 7
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 8

Refer to the exhibit. Which two statements about the hardware components are true? (Choose two.)

A. 2 is an RJ-45 to USB Type A console cable.
B. 3 is a USB Type A port.
C. 3 is a USB 5-pin mini USB Type B port.
D. 1 is a USB Type A port.
E. 2 is a USB 5-pin mini USB Type B to USB Type A console cable.

Answer: BE

NEW QUESTION 9
Which type of transceiver module is used for 40 Gigabit Ethernet connectivity?

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

Answer: C

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
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 11
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 14
How many pairs of copper wire does a UTP cable have?

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

Answer: C

NEW QUESTION 17
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 19
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 22
Which type of memory is used to permanently store Cisco IOS Software?

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

Answer: A

NEW QUESTION 27
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 28
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 32
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 35
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 38
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 42
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
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 51
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 53
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 57
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 58
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 60
Which router port is used for dial-in access to the router for CLI management purposes and does not usually pass normal network traffic?

A. Fast Ethernet
B. channelized serial
C. AUX
D. Gigabit Ethernet

Answer: C

NEW QUESTION 63
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 66
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