

100-490 Dumps

Supporting Cisco Routing & Switching Network Devices

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NEW QUESTION 1

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 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 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 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

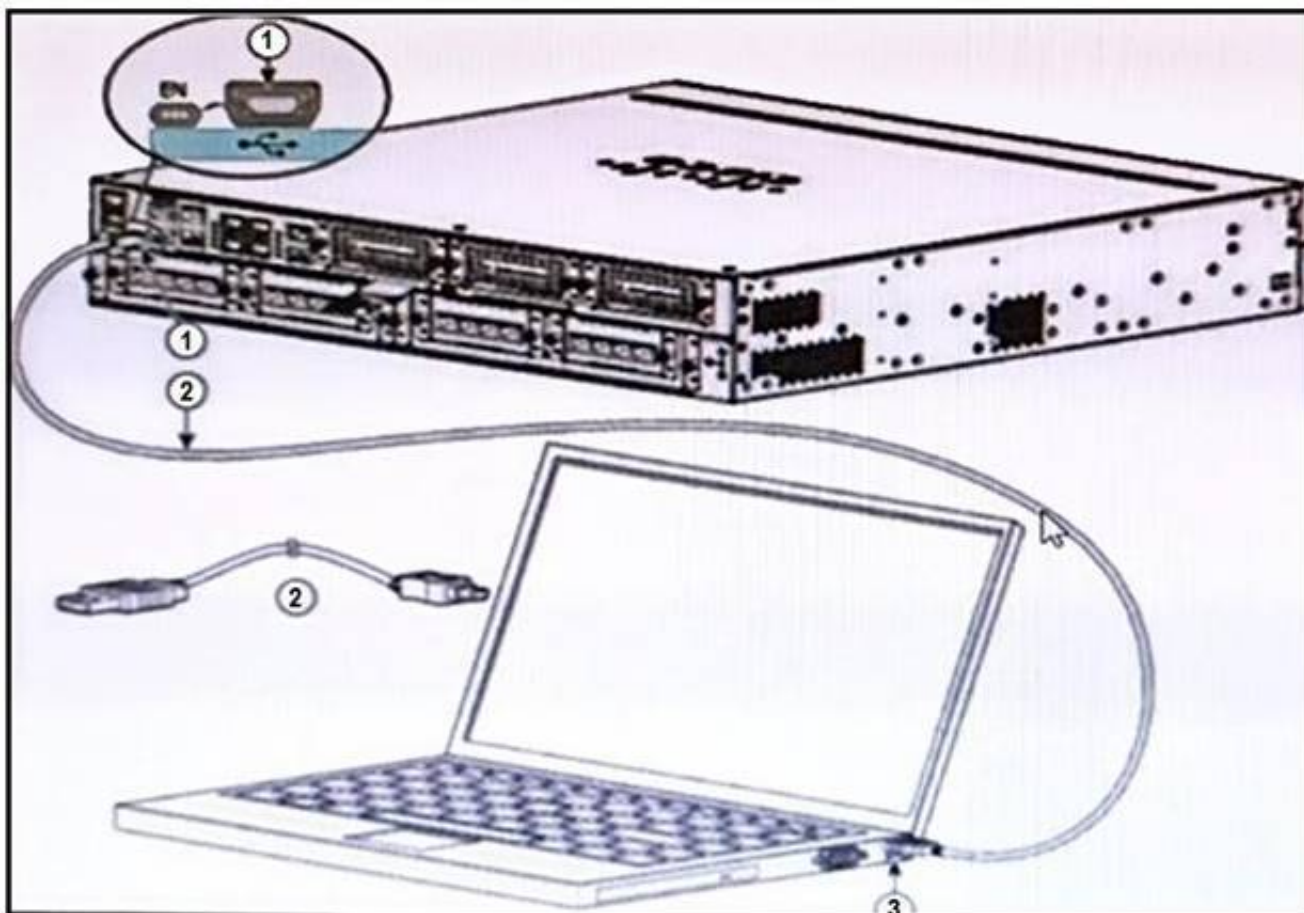
NEW QUESTION 6

Which two 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 7



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 8

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 9

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 10

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 10

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 11

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 16

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 17

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 20

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

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

Answer: A

NEW QUESTION 21

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 24

When you deploy Cisco Catalyst 3850 Series switches, which two modes of operation can you choose from?

- A. Active mode and Standby mode
- B. Install mode and Bundle mode
- C. Boot mode and Run mode
- D. Exec mode and User mode

Answer: B

NEW QUESTION 27

Which command displays a list of file systems that are available on Cisco devices?

- A. show memory
- B. show directory
- C. show file system
- D. show version

Answer: C

NEW QUESTION 32

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 33

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 36

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 39

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 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 45

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 46

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 51

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 54

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 56

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 58

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 61

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 62

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