

## Exam Questions 100-490

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 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

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 4

Which device is a DTE device?

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

**Answer:** B

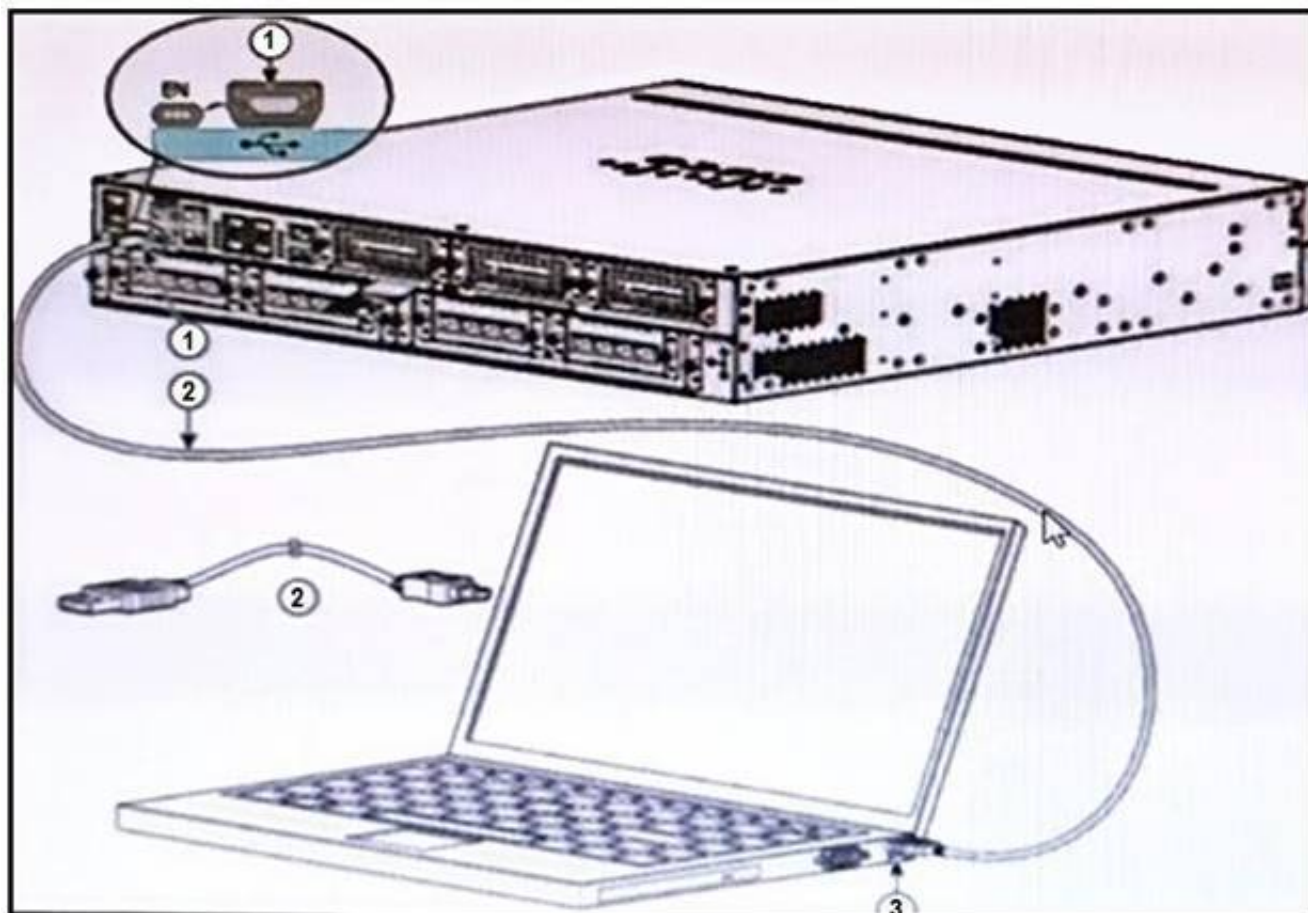
#### NEW QUESTION 5

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 6



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 7

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 8

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 9

The colored wires at one end of a cable are in reverse sequence to the colored wires at the other end of the cable. Which cable does this configuration describe?

- A. rolled
- B. crossover
- C. coaxial
- D. straight-through

**Answer:** B

#### 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**

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

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

**Answer:** C

**NEW QUESTION 15**

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 18**

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 22**

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 25**

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 26**

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 29**

Which command displays the configuration register setting?

- A. show flash
- B. show running-config
- C. show version
- D. show config-register

**Answer:** C

**NEW QUESTION 30**

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 35

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 39

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 41

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 45

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 46

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 50

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 51

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 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 56

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 58

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