

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
- 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

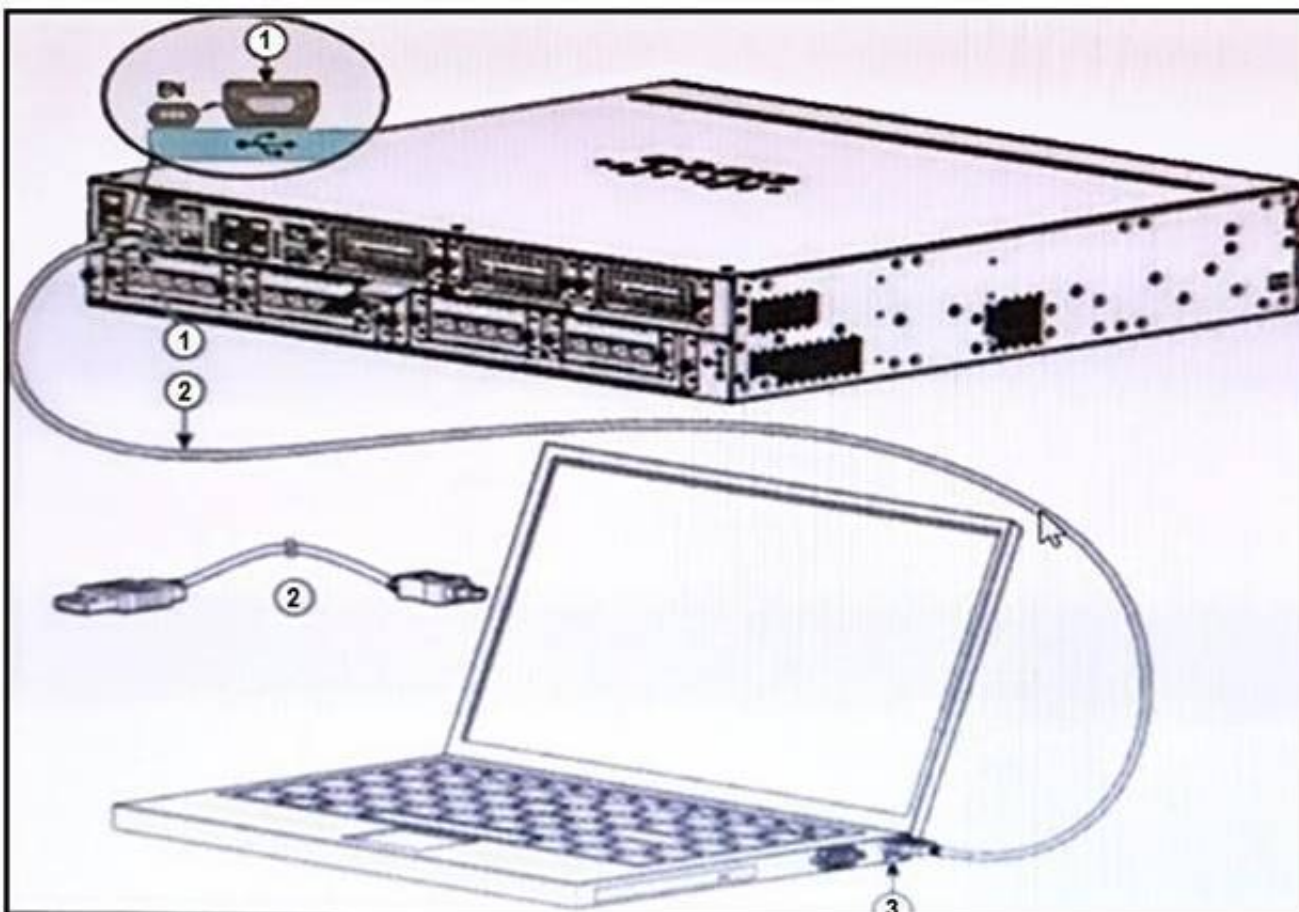
NEW QUESTION 4

Which 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 5



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 6

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

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

Answer: C

NEW QUESTION 7

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 8

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 9

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 10

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 14

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 19

Which two commands set the configuration register value? (Choose two.)

- A. rommon>confreg 0x2102
- B. router(config)#confreg 0x2102
- C. rommon>config-register 0x2102
- D. router(config)#configuration-register 0x2102
- E. router(config)#config-register 0x2102

Answer: AE

NEW QUESTION 21

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 24

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

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

Answer: A

NEW QUESTION 29

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 30

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 34

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

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 41

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 45

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 49

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 52

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 53

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