



Cisco

Exam Questions 100-490

Supporting Cisco Routing & Switching Network Devices

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NEW QUESTION 1

Which protocol does TFTP typically use for transport?

- A. RSVP
- B. TCP
- C. HTTP
- D. UDP

Answer: D

NEW QUESTION 2

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 3

Which address facilitates the routing of packets over an IP network?

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

Answer: C

NEW QUESTION 4

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 5

Which device is a DTE device?

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

Answer: B

NEW QUESTION 6

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 7

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 8

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 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

What is the line speed of a DS0 in North America?

- A. 16 kbps
- B. 32 kbps
- C. 64 kbps
- D. 128 kbps

Answer: C

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 13

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 15

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 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 21

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 26

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 28

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 31

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 35

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 37

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 39

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 41

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 43

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 45

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 50

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