

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

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 device is a DTE device?

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

Answer: B

NEW QUESTION 4

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 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

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

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

Answer: C

NEW QUESTION 7

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 8

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 9

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 10

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 10

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 14

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 18

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 19

At the interface configuration prompt, which command returns you to the main configuration prompt?

- A. end
- B. clear
- C. quit
- D. exit

Answer: D

NEW QUESTION 21

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 22

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 27

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 32

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 35

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 37

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 38

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 43

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 46

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 51

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