

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

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 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 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

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 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

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 10

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 11

Which type of memory stores the decompressed form of Cisco IOS Software and the running configuration?

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

Answer: D

NEW QUESTION 16

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

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

Answer: A

NEW QUESTION 18

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 20

Which two pieces of information are displayed when you use the show ip interface brief command? (Choose two.)

- A. Layer 2 address
- B. keepalive
- C. Layer 3 address

- D. encapsulation type
- E. interface status

Answer: CE

NEW QUESTION 25

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

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 32

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 33

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 34

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 39

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 44

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 49

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