



# 100-490<sup>Q&As</sup>

Supporting Cisco Routing & Switching Network Devices

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#### QUESTION 1

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

Correct Answer: AB

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#### QUESTION 2

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.

Correct Answer: AB

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#### QUESTION 3

What are two components of a WAN connection? (Choose two.)

- A. CSU/DSU
- B. router
- C. bridge
- D. hub
- E. switch

Correct Answer: AB

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#### QUESTION 4



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

Correct Answer: D

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#### QUESTION 5

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

Correct Answer: D

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#### QUESTION 6

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

Correct Answer: C

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#### QUESTION 7

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

Correct Answer: AC

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#### 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

Correct Answer: D

Reference: [https://www.cisco.com/c/en/us/products/collateral/interfaces-modules/transceiver-modules/data\\_sheet\\_c78-728110.html](https://www.cisco.com/c/en/us/products/collateral/interfaces-modules/transceiver-modules/data_sheet_c78-728110.html)

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#### QUESTION 9

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

Correct Answer: D

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#### QUESTION 10

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.

Correct Answer: AE

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#### QUESTION 11

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

Correct Answer: D

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#### QUESTION 12

Which command sends an echo request packet to the target host and then waits for an echo response message?

- A. echo
- B. access
- C. ping
- D. connect

Correct Answer: C

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#### QUESTION 13

What are two purposes of a USB thumb drive? (Choose two.)

- A. to save the system log
- B. to copy configuration files to and from a PC
- C. to save router hardware information
- D. to copy IOS images to and from a PC
- E. to increase system memory size

Correct Answer: BD

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#### QUESTION 14

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

Correct Answer: C

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#### QUESTION 15

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

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

Correct Answer: C

Reference: <https://www.cisco.com/c/en/us/products/interfaces-modules/40-gigabit-modules/index.html#:~:text=The%20Cisco%20QSFP%20BiDi%20transceiver,10%20Gigabit%20Ethernet%20fiber%20infrastructure>

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