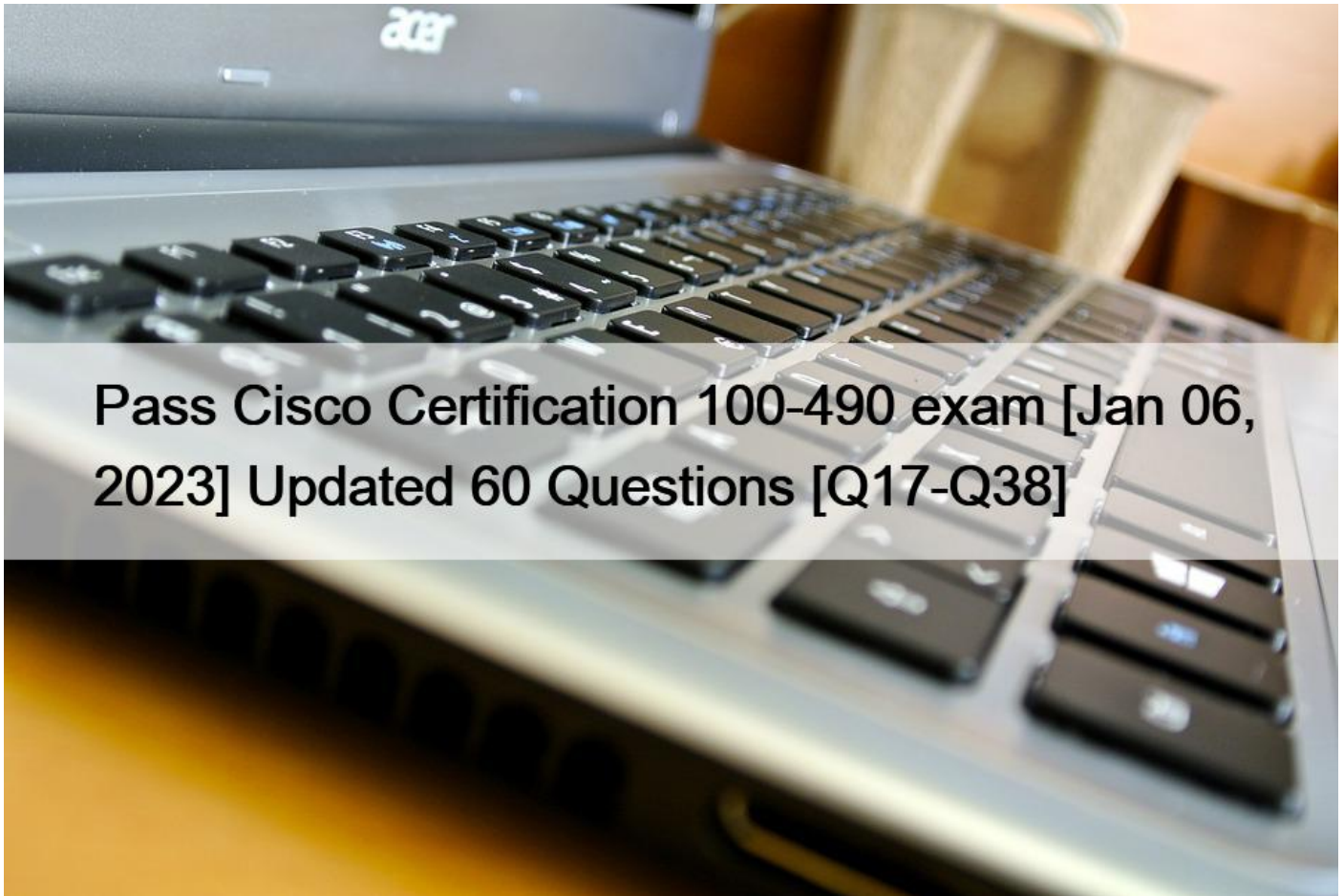


## Pass Cisco Certification 100-490 exam [Jan 06, 2023 Updated 60 Questions [Q17-Q38]



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Cisco 100-490 Actual Questions and 100% Cover Real Exam Questions

**Who Should Embrace 100-490 Test? The foundational comprehension attainable through the Cisco 100-490 exam is best for those considering the provision of support for Cisco devices for switching and routing. If you are wishing to garner skills about other gadgets and systems from Cisco, then such an exam is also a fitting choice for you. Remember, 100-490 is a foundational test so no prior demands are proposed for it except that the potential candidate ought to acquire the needful knowledge, which training and revision guides can fully extend. Of importance are the following domains that must be looked into as that is how you will be exploring what the test demands of you:** - General knowledge on networking;- Operation related to Cisco IOS software;- Cisco equipment in addition to related hardware;- Knowledge associated with service.

Nowadays, there are a lot of IT professionals who desire to validate their competence in various subject areas, and Cisco offers the certification program that can help them with this. Thus, those individuals who want to evaluate the skills required for the onsite support and maintenance of the Cisco operating environments, routers, and switches can pass the Cisco 100-490 exam. This test allows you to obtain the Cisco Certified Technician (CCT) Routing and Switching certificate, which shows that you have an understanding of software operating modes of Cisco IOS and are knowledgeable enough to use the CLI.

### QUESTION 17

Which Windows-based text editor is preferred for working with a simple text document, such as a Cisco configuration?

- \* Microsoft Word
- \* Microsoft Notepad
- \* Microsoft Access
- \* Microsoft Excel

### QUESTION 18

Which type of port is used to connect a laptop to an Ethernet port on a Cisco router?

- \* rollover
- \* fiber
- \* straight-through
- \* crossover

### QUESTION 19

Which method is the fastest way to recover a software version that supports a USB flash port on a Cisco device?

- \* tftp command
- \* xmodem transfer command
- \* copy command with USB memory
- \* copy tftp flash: command

### QUESTION 20

Which Xmodem option is used to enhance error checking of an image that is copied to flash memory?

- \* -e
- \* -r
- \* -c
- \* -x

### QUESTION 21

Which bits represent the boot field in the configuration register value?

- \* highest two bits
- \* lowest two bits
- \* highest four bits
- \* lowest four bits

### QUESTION 22

Which two statements about a SmartJack are true? (Choose two.)

- \* It provides signal conversion.
- \* It acts as a concentration point for dial-in and dial-out connections.
- \* It operates at Layer 2 of the OSI model.
- \* It provides channel testing.
- \* It regenerates the signal to compensate for signal degradation from line transmission.

### QUESTION 23

Which set of steps best describes how to assign a static IP address to the Ethernet port on a computer?

- \* From the Network and Sharing Center, click Internet Protocol (TCP/IP), and follow the New Connection Wizard instructions.
- \* From the Network and Sharing Center, click Change adapter, then double-click a local area connection. Select Internet Protocol (TCP/IP) > Properties > Use the Following Address, and then configure the IP information.
- \* Click Start. Enter cmd and click OK. Enter the IP address XXX.XXX.XXX.XXX.
- \* From the Network and Sharing Center, double-click Local Area Connection. Select Properties > iPass Protocol (IEEE 802.1x) > Properties > Static IP.

### QUESTION 24

Which type of memory stores the configuration of a router or switch by default?

- \* RAM
- \* ROM
- \* NVRAM
- \* flash

Section: Cisco Equipment and Related Hardware

### QUESTION 25

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?

- \* Cisco Content Engine
- \* modem
- \* Cisco router
- \* CSU/DSU

### QUESTION 26

Which command initiates the copying of a Cisco IOS image to a Cisco device?

- \* copy tftp nvram
- \* copy tftp flash
- \* copy flash tftp
- \* copy xmodem flash

### QUESTION 27

Which type of physical connector does a Gigabit Ethernet port typically use?

- \* RJ-9
- \* RJ-45
- \* DB-25
- \* RJ-11

Section: Cisco Equipment and Related Hardware

### QUESTION 28

Which two IPv4 addresses can be assigned to a host computer? (Choose two.)

- \* 255.255.255.255
- \* 10.1.1.20

- \* 0.0.0.0
- \* 192.168.10.15
- \* 292.10.3.4

### QUESTION 29

Which type of port is used to connect a laptop to an Ethernet port on a Cisco router?

- \* rollover
- \* fiber
- \* straight-through
- \* crossover

Section: Service-related Knowledge

### QUESTION 30

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

- \* Layer 2 address
- \* keepalive
- \* Layer 3 address
- \* encapsulation type
- \* interface status

Section: Cisco IOS Software Operation

### QUESTION 31

Which Cisco CPAK 100GBASE module supports Multimode Fiber cable?

- \* Cisco CPAK-100G-CWDM4
- \* Cisco CPAK-100G-LR4
- \* Cisco CPAK-100G-ER4L
- \* Cisco CPAK-100G-SR4

Section: Cisco Equipment and Related Hardware

Explanation/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)

### QUESTION 32

ESD is the sudden and momentary electric current that flows between two objects at different electrical potentials, caused by direct contact or induced by an electrostatic field. Which three tools are used to avoid ESD? (Choose three.)

- \* negative static bag
- \* antistatic mat
- \* ESD wrist strap
- \* negative static mat
- \* antistatic bag
- \* latex gloves

### QUESTION 33

When you deploy Cisco Catalyst 3850 Series switches, which two modes of operation can you choose from?

- \* Active mode and Standby mode

- \* Install mode and Bundle mode
- \* Boot mode and Run mode
- \* Exec mode and User mode

#### QUESTION 34

From a Windows command prompt, which command displays the local IP address of a computer?

- \* ipconfiguration
- \* ip configuration
- \* ipconfig
- \* ip config

Section: Service-related Knowledge

#### QUESTION 35

What is the default operating mode when you initially log in to a router?

- \* user EXEC
- \* global configuration
- \* privileged EXEC
- \* ROM monitor

Section: Cisco IOS Software Operation

#### QUESTION 36

Which command displays a list of file systems that are available on Cisco devices?

- \* show memory
- \* show directory
- \* show file system
- \* show version

Section: Cisco IOS Software Operation

#### QUESTION 37

Which two statements about a SmartJack are true? (Choose two.)

- \* It provides signal conversion.
- \* It acts as a concentration point for dial-in and dial-out connections.
- \* It operates at Layer 2 of the OSI model.
- \* It provides channel testing.
- \* It regenerates the signal to compensate for signal degradation from line transmission.

Section: Cisco Equipment and Related Hardware

#### QUESTION 38

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

- \* end
- \* clear
- \* quit
- \* exit

Section: Cisco IOS Software Operation

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