

*Cisco*

*500-750  
Cisco Network Security Specialist (CNSS)*



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## **Product Version**

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# Latest Version: 6.0

## Question: 1

When configuring SNMPv3 with an ACL, what is the main objective?

Response:

- A. To increase network throughput
- B. To define which devices are allowed to send SNMP traffic to the managed devices
- C. To remove encryption from SNMP packets for faster processing
- D. To use default community strings for simplicity

**Answer: B**

## Question: 2

In the Modular Policy Framework (MPF), what is the purpose of creating a class map?

Response:

- A. To define the maximum transmission unit (MTU) sizes
- B. To classify traffic for subsequent policy enforcement
- C. To configure interface-specific IP addresses
- D. To allocate bandwidth uniformly across all traffic

**Answer: B**

## Question: 3

Why is SCP preferred over FTP for secure file transfers in network management?

Response:

- A. SCP does not require a username and password
- B. FTP provides end-to-end encryption
- C. SCP uses SSH for data transfer, providing encryption and security
- D. FTP is faster than SCP, thus less secure

**Answer: C**

## Question: 4

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Which type of malware is specifically designed to encrypt files on a victim's device and demand payment in exchange for the decryption key?

Response:

- A. Virus
- B. Worm
- C. Trojan
- D. Ransomware

**Answer: D**

### Question: 5

What advantage does a cloud-based network topology offer over traditional WAN implementations?

Response:

- A. Lower initial setup costs due to shared resources
- B. Physical control over all hardware and data storage
- C. Requires more IT staff for maintenance
- D. Slower data transfer speeds

**Answer: A**

### Question: 6

In a Cisco environment, which command is used to display the current state and configuration details of an active IPSec VPN tunnel?

Response:

- A. show crypto isakmp sa
- B. show ip interface brief
- C. show version
- D. show running-config

**Answer: A**

### Question: 7

During the configuration of an IPSec site-to-site VPN, what role does the pre-shared key serve?

Response:

- A. It dynamically generates user credentials.
- B. It authenticates the identity of each site to the other.
- C. It encrypts the data traffic over the VPN.
- D. It specifies the routing protocol to use.

**Answer: B**

### Question: 8

When configuring administrative access on a Cisco router using TACACS+, what is crucial?

Response:

- A. Setting the router to use the least-privileged user mode
- B. Specifying the TACACS+ server addresses and key
- C. Disabling local fallback authentication
- D. Configuring the router to serve as a TACACS+ server

**Answer: B**

### Question: 9

How can you verify that the IOS resilient configuration is properly implemented on a Cisco router?

Response:

- A. By checking the version of IOS installed
- B. By rebooting the router to check if it retains its configuration
- C. By executing the command show secure bootset
- D. By observing network traffic flow for anomalies

**Answer: C**

### Question: 10

What is typically the focus of network design in a data center?

Response:

- A. Ensuring that data can be transferred internationally without lag
- B. Maximizing operational efficiency and redundancy
- C. Facilitating external customer access to corporate resources
- D. Prioritizing low-cost solutions over performance

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**Answer: B**

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