

# N10-008<sup>Q&As</sup>

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### QUESTION 1

Which of the following use cases would justify the deployment of an mGRE hub-and-spoke topology?

- A. An increase in network securing using encryption and packet encapsulation
- B. A network expansion caused by an increase in the number of branch locations to the headquarters
- C. A mandatory requirement to increase the deployment of an SDWAN network.
- D. An improvement in network efficiency by increasing the useful packet payload.

Correct Answer: B

A network expansion caused by an increase in the number of branch locations to the headquarters

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### QUESTION 2

A network administrator is implementing process changes based on recommendations following a recent penetration test. The testers used a method to gain access to the network that involved exploiting a publicly available and fixed remote code execution vulnerability in the VPN appliance. Which of the following should the administrator do to BEST prevent this from happening again?

- A. Change default passwords on internet-facing hardware.
- B. Implement robust ACLs with explicit deny-all entries.
- C. Create private VLANs for management plane traffic.
- D. Routinely upgrade all network equipment firmware.

Correct Answer: D

Firmware is the software that runs on network equipment such as routers, switches, and VPN appliances. Firmware updates often contain bug fixes, security patches, and performance improvements that can prevent or mitigate vulnerabilities and attacks. By routinely upgrading all network equipment firmware, a network administrator can ensure that the network devices are running the latest and most secure versions of firmware and avoid exploiting known and fixed remote code execution vulnerabilities in the VPN appliance.

References: <https://www.comptia.org/training/books/network-n10-008-study-guide> (page 462)

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### QUESTION 3

A technician is concerned about unauthorized personnel moving assets that are installed in a data center server rack. The technician installs a networked sensor that sends an alert when the server rack door is opened. Which of the following did the technician install?

- A. Cipher lock
- B. Asset tags

- C. Access control vestibule
- D. Tamper detection

Correct Answer: D

The technician installed a tamper detection sensor. Tamper detection sensors are designed to detect and alert when an unauthorized attempt is made to access or move a protected asset. In this case, the sensor sends an alert when the server rack door is opened, allowing the technician to monitor and respond to any unauthorized access to the data center server rack.

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#### QUESTION 4

A technician is checking network devices to look for opportunities to improve security. Which of the following tools would BEST accomplish this task?

- A. Wi-Fi analyzer
- B. Protocol analyzer
- C. Nmap
- D. IP scanner

Correct Answer: C

Nmap is a tool that can be used to scan and identify network devices and can help identify potential security vulnerabilities. Wi-Fi analyzer is used to analyze wireless networks, protocol analyzers are used to analyze network traffic, and IP scanners are used to discover devices on a network.

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#### QUESTION 5

Which of the following describes the ability of a corporate IT department to expand its cloud-hosted VM environment with minimal effort?

- A. Scalability
- B. Load balancing
- C. Multitenancy
- D. Geo-redundancy

Correct Answer: A

Scalability is the ability of a corporate IT department to expand its cloud-hosted virtual machine (VM) environment with minimal effort. This allows IT departments to quickly and easily scale up their cloud environment to meet increased demand. Scalability also allows for the efficient use of resources, as IT departments can quickly and easily scale up or down as needed.