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Exam : **HP2-Z21**

Title : Planning and Designing HP
Enterprise Networking

Version : Demo

1.What are two features that routing switches operating in a campus core must support in order to handle the vast amounts of data, voice, and video traffic in the contemporary enterprise LAN? (Select two.)

- A. They must support hierarchical QoS technologies and virtual routing and forwarding (VRF) protocols.
- B. They must support non-blocking forwarding for large amounts of switched and routed traffic.
- C. They must scale with ease.
- D. They must take a primary role in controlling security threats, in particular threats on virtualized servers that might never cross the wire.
- E. They must take a primary role in determining endpoint compliance with company policies.

Answer: A,B

2.What is an advantage of installing Converged Network Adaptor (CNA) NICs on virtualized servers.?

- A. One CNA NIC typically costs less than one traditional Ethernet NIC but provides adequate performance for servers that have been optimized with virtualization.
- B. CNA NICs enable servers to act as Fiber Channel over Ethernet (FCoE) gateways between SAN and LAN switches.
- C. CNA NICs provide the high-speed connection required for servers to receive Fiber Channel over Ethernet (FCoE) traffic.
- D. Unlike traditional Ethernet NICs, CNA NICs support IPv6, a necessary protocol for data centers of the future.

Answer: C

3.Which features are necessary in the enterprise aggregation layer? (Select three.)

- A. It must support high-speed traffic delivery.
- B. It must be highly available.
- C. It must be flexible.
- D. It must take a primary role in controlling user access to the network.
- E. It must take a primary role in controlling access to network resources.

Answer: A,B,C

4.As a data center becomes virtualized and begins to implement cloud computing, how does the traffic flow typically change?

- A. Both north-south (client-server) and east-west (server-to-server) traffic often increase.
- B. The speed and reliability of storage traffic transmission increases.
- C. The traffic flow shifts from primarily server-to-server to primarily server-to-client.
- D. Traffic decreases as more data is processed locally on users' workstations.

Answer: A

5.Which is an effect of virtualization on the data center networking infrastructure?

- A. Virtualized servers use less RAM.
- B. Virtualized servers use less processing power.
- C. Virtualized servers require more bandwidth.
- D. Because services and applications running on the virtualized server can interfere with each other, they must be closely monitored.

Answer: C