



HP2-Z21

Planning and Designing HP Enterprise Networking Solutions

Document version: 8.04.11

Important Note About HP2-Z21 PDF

techeXams' **HP2-Z21 PDF** is a comprehensive compilation of questions and answers that have been developed by our team of certified professionals. In order to prepare for the actual exam, all you need is to study the content of this exam questions. An average of approximately 10 to 15 hours should be spent to study these exam questions and you will surely pass your exam. It's our guarantee.

Copyright

techeXams holds the copyright of this material. techeXams grants you a limited license to view and study this material, either for personal or commercial use. Unauthorized reproduction or distribution of this material, or any portion thereof, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.

Disclaimer

Neither this guide nor any material in this guide is sponsored, endorsed or affiliated with any of the respective vendor. All trademarks are properties of their respective owners.

QUESTION NO: 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

Explanation:

VRF functionality on Layer 3 switches can be used to link VLANs within a campus. When a large campus wide virtual network becomes too large to remain a single broadcast domain, it must be subdivided. Layer 3 switches supporting VRF are used to break the virtual network into separate VLANs, each of manageable size.

As administrators gain more experience, virtual systems will grow to include larger numbers of servers and storage, and components will spread across the wide area. VRF is the enabling technology for subdividing virtual networks that connect virtual servers with storage.

For non-blocking forwarding, check the following resource:

QUESTION NO: 2

What is an advantage of installing Converged Network Adapter (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

QUESTION NO: 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

Explanation:

The access is controlled by access layer. Therefore, the only possible answers are A, B and C.

QUESTION NO: 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

QUESTION NO: 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

Get Full Version of Exam HP2-Z21 PDF Q&A

techeXams presents authentic, genuine and valid study material, which promise 100% success in very first attempt. To take optimal results for HP2-Z21 exam, you need to buy full version of HP2-Z21 question and answer. An average of approximately 10 to 15 hours should be spent to study these exam questions and you will surely pass your exam. So come join us and quench your thirst for knowledge.

Get complete HP2-Z21 exam questions and answers by visiting URL

["http://www.techexams.ws/exams/HP2-Z21.do"](http://www.techexams.ws/exams/HP2-Z21.do)