

HP0-815^{Q&As}

Advanced SAN Architecture

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QUESTION 1

What is the result of merging a zoned fabric with a non-zoned fabric?

- A. Devices that were in the non-zoned fabric are not accessible until they are added into the current enabled configuration.
- B. Devices in the fabric are not accessible until the devices in the non-zoned fabric are zoned and made part of the effective configuration.
- C. Any devices that were in the non-zoned fabric are automatically configured into a new zone as part of the effective configuration so they can function.
- D. The fabrics do not merge. They segment and require manual intervention.

Correct Answer: A

QUESTION 2

A SAN administrator plans on migrating the existing SAN topology. What two factors should be considered to prepare for this process? (Choose two.)

- A. application I/O profile
- B. the RAID level of the storage systems
- C. data locality
- D. number of storage systems

Correct Answer: AC

QUESTION 3

What is a best practice for large scale SANs and SAN scaling?

- A. implement bandwidth and throughput with support for a cascaded SAN topology
- B. implement enough bandwidth and throughput to support the business requirements
- C. implement enough bandwidth and throughput to support twice the business growth
- D. implement adequate bandwidth and throughput with support for business driven growth over time

Correct Answer: D

QUESTION 4

What two advantages does implementing a SAN-wide backup solution offer? (Choose two.)

- A. optimal utilization of backup resources
- B. easier management
- C. improved disk array performance
- D. optimal utilization of drive arrays

Correct Answer: AB

QUESTION 5

FCIP is best used for _____. (Choose two.)

- A. increasing network bandwidth
- B. WAN extensions based on cost effectiveness for distance
- C. MAN extensions based on cost effectiveness for distance
- D. eliminating unacceptable performance delays

Correct Answer: BC

QUESTION 6

What is a common cause of downtime in a customer's IT application, databases, and infrastructure?

- A. software malfunction
- B. human error
- C. power outages
- D. computer viruses

Correct Answer: B

QUESTION 7

What happens in the Storage Assessment phase of the SAN architecture approach? (Choose three.)

- A. selection and establishment of guidelines models, principles, and standards for the SAN
- B. description of the feasibility of an effective solution based on obstacles and constraints
- C. an inventory of systems, software, employee skills, and internal processes/documentation
- D. analysis and documentation of business requirements, organization, physical environment, networks, and infrastructure management

E. Business data is classified, utilization of data is explored, ownership and usage statistics of application volumes on systems are reported.

Correct Answer: CDE

QUESTION 8

A customer has implemented a multi-switch core-edge fabric with B- series (Brocade) 2 Gbps fabric switches. How can the SAN administrator back up the SAN configuration data every time a change is made to the SAN? (Choose two.)

- A. download the switch and zoning configurations with the High Availability Fabric Manager
- B. Switch configuration and zoning configuration are automatically saved to a pre-defined location before a change is applied to either a switch or the fabric.
- C. use a Telnet session with FTP to download the switch and zoning information
- D. download the switch and zoning configurations with the Fabric Manager

Correct Answer: CD

QUESTION 9

SAN architecture is created at _____.

- A. the mid level of storage abstraction
- B. the smallest LUN possible in the SAN
- C. the lowest level of storage abstraction
- D. the highest level of storage abstraction

Correct Answer: D

QUESTION 10

What is the maximum number of hops in a fabric based on the HP StorageWorks B-Series (Brocade) fabric switches?

- A. 7
- B. 1
- C. 6
- D. 3

Correct Answer: A

QUESTION 11

Which SAN implementation provides high availability but in the event of a failure may experience reduced bandwidth?

- A. using a single fully meshed, multi-trunked fabric topology
- B. using dual storage paths to the same switch in transparent failover mode
- C. using dual fabrics implemented with multiple storage paths
- D. using a minimum of two SMAs for SAN management with Command View

Correct Answer: C

QUESTION 12

What are two features of VersaStor technology? (Choose two.)

- A. automatic data migration when the sub-pool hierarchy is changed
- B. object-oriented selective storage presentation
- C. selective presentation of virtual disks to servers
- D. ATM Channel over Internet Protocol

Correct Answer: AC

QUESTION 13

In a replication solution, what is the preferred method when logging changes at the local site when the inter-site link is temporarily unavailable?

- A. snapshot
- B. change map
- C. write change map
- D. write history log

Correct Answer: D

QUESTION 14

You are replicating data over long distances using 1 Gbps B-series (Brocade) fabric switches. Extended fabrics (increased buffer-to-buffer credits) should be used when the minimum distance exceeds _____ km.

- A. 10
- B. 35

C. 20

D. 15

Correct Answer: A

QUESTION 15

What problem can arise when scaling or merging SAN fabrics?

- A. If the discovery process determines that the fabrics have different security levels, then the most secure level will be adopted.
- B. If the discovery process determines changes in business requirements, then the SAN merge will fail.
- C. If the discovery process determines that the fabrics are not compatible, then the fabric will segment.
- D. If the discovery process determines specific cabling changes are required, then the merge will fail over.

Correct Answer: C

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