

# HP0-815<sup>Q&As</sup>

Advanced SAN Architecture

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### QUESTION 1

How does a SAN management infrastructure reduce Total Cost of Ownership (TCO)?

- A. by reducing staffing associated with SANs
- B. by reducing operating system problems
- C. by implementing hardware consolidation
- D. by implementing SAN automation

Correct Answer: D

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### QUESTION 2

What are four requirements for implementing the Brocade Secure Fabric OS with the B-Series (Brocade) of switches? (Choose four.)

- A. at least one core switch 2/64
- B. secure Telnet client communication
- C. digital certificates
- D. secure SES client communication
- E. firmware, zoning, and security licenses
- F. Fabric Management Policy Sets
- G. dedicated security server

Correct Answer: BCEF

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### QUESTION 3

A SAN administrator needs to migrate a SAN topology from a ring to a core-edge topology using a new switch. Which two statements are true? (Choose two.)

- A. This cannot be done without disruption.
- B. This migration is not supported.
- C. This can be done without disruption.
- D. The switch routing configuration needs to be manually updated to reflect the new topology.
- E. The switch routing configuration is automatically updated to reflect the new topology.

Correct Answer: CE

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#### QUESTION 4

You are implementing a SAN solution. When should a SAN architecture be created?

- A. anytime
- B. before any design or implementation
- C. when the SAN is being designed
- D. when the SAN is implemented

Correct Answer: B

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#### QUESTION 5

What does a SAN high availability configuration provide?

- A. a non-disruptive upgrade process of the iSCSI protocol definitions
- B. a non-disruptive merging of multiple SANs
- C. non-disruptive SNMP messages to the system management framework
- D. the capability to test new switch firmware in a production environment

Correct Answer: B

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#### QUESTION 6

What is SAN event management?

- A. monitoring IP network resources through the same Ethernet infrastructure
- B. monitoring external system events when a triggering condition occurs
- C. monitoring storage resources to ensure availability per business requirements
- D. monitoring the planning, acquisition, and optimal usage of SAN resources

Correct Answer: C

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#### QUESTION 7

What three results of a storage assessment are useful in determining the cross-sectional bandwidth and topology requirement in a SAN design? (Choose three.)

- A. volume usage statistics

- B. application data access patterns
- C. backup throughput
- D. number of application users
- E. application I/O data rates
- F. total storage capacity

Correct Answer: BCE

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#### QUESTION 8

What are two reasons for using the SAN architecture approach? (Choose two.)

- A. to simplify SAN storage infrastructure resources in a unified direction
- B. to provide business-related rationale for SAN infrastructure investment
- C. to align SAN infrastructure with business processes and priorities
- D. to minimize SAN technology transitions and establish long-term SAN standards and framework

Correct Answer: CD

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#### QUESTION 9

A customer is testing storage array replication with two storage systems between their data centers. The local array and remote arrays are connected by a 2 Gbps Brocade-based SAN, 35 km apart using a Dense Wave Division Multiplexing (DWDM) devices. The performance of the application at the local site is the priority. How should the customer configure replication?

- A. asynchronous mode replication
- B. asynchronous mode replication with the extended fabric option
- C. synchronous mode replication
- D. synchronous mode replication with the extended fabric option

Correct Answer: B

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#### QUESTION 10

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

- A. implement many-to-one connectivity in the topology with an adequate number of ports to support future storage virtualization/expansion
- B. implement one-to-one connectivity in the topology with an adequate number of ports to support future storage

virtualization/expansion

C. implement any-to-any connectivity in the topology with an adequate number of ports to support future storage virtualization/expansion

D. implement many-to-one-to-many connectivity in the topology with an adequate number of ports to support future storage virtualization/expansion

Correct Answer: C

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#### QUESTION 11

Which two affect the merging of SANs? (Choose two.)

A. zoning naming standards

B. switch fabric parameters

C. SNMP configuration

D. switch naming standards

E. IP addresses

Correct Answer: AB

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#### QUESTION 12

What is the most important thing to do when implementing a backup/restore solution?

A. size the backup solution

B. ensure that the storage arrays can replicate data between two arrays

C. purchase licenses for the servers

D. select the backup device technology, DLT or LTO

Correct Answer: A

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#### QUESTION 13

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

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#### QUESTION 14

Which statement about B-series (Brocade) and M-series (McDATA) fabric switches is true?

- A. B-series fabric switches require a license to increase the buffer-to-buffer credits while M-series do not.
- B. B-series and M-series fabric switches do NOT require a license to increase the buffer-to-buffer credits.
- C. M-series fabric switches require a license to increase the buffer-to-buffer credits while B-series do not.
- D. B-series and M-series fabric switches require a license to increase the buffer-to-buffer credits.

Correct Answer: A

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#### QUESTION 15

SAN data management policies involve developing the necessary plans, processes and procedures \_\_\_\_\_.

- A. for classifying, storing, and recovering data
- B. to integrate with system management frameworks
- C. for file export and format sharing
- D. for export, print, or email of multiple SAN data reports

Correct Answer: A

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