

# S10-201<sup>Q&As</sup>

SNIA Storage Networking Management & Administration

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## QUESTION 1

What are two (2) valid steps when adding a new host to an existing fabric? (Choose two.)

- A. create new zone
- B. remove zone members
- C. add new zone member
- D. deactivate the zone set
- E. merge new zone

Correct Answer: AC

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## QUESTION 2

Which three (3) backup methods support application recovery of a database? (Choose three.)

- A. Use software snapshot technology that takes a point in time snapshot.
- B. Cold backup method where the database services have been stopped before the backup.
- C. CopyonWrite technology built into the database that can be used by backup software.
- D. File system backup method including transaction log needed to run the backup and restore.
- E. Copy the database folder to another location and back up the files in the normal fashion.

Correct Answer: ABC

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## QUESTION 3

The SAN audit reports that there is a single fabric in a full mesh topology. Which three (3) benefits result from migrating to dual fabrics with full mesh topologies? (Choose three.)

- A. less interswitch links
- B. simplifies manageability
- C. protection from human error
- D. reduction in maintenance activity
- E. decreased maintenance disruption

Correct Answer: ACE

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## QUESTION 4

A company has implemented a stretch cluster between two sites that are 100km apart in conjunction with synchronous data replication. What are two (2) operational benefits of this implementation? (Choose two.)

- A. decreased possibility of data inaccessibility
- B. protection against fabric service failure
- C. easier to manage SAN configuration
- D. increased application availability
- E. protection against ISL failure

Correct Answer: AD

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## QUESTION 5

University IT has its storage subsystems and fabric switches distributed throughout the campus. Each college and department provides their own systems and staff. Central IT provides fabric, storage and backup administration. Which security mechanism is most important to protect fabric services?

- A. node authentication
- B. switch authentication
- C. port authentication
- D. link encryption

Correct Answer: B

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## QUESTION 6

A customer's database environment includes remote synchronous mirroring across a DWDM link. Which two (2) business management requirements will be met by the implementation? (Choose two.)

- A. cost
- B. service
- C. continuity
- D. availability
- E. configuration

Correct Answer: CD

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## QUESTION 7

A fourway cluster is attached to two fabrics. Each member has two HBAs connected to each fabric. Each fabric has two subsystem connections. Each cluster member is a primary for one application. All LUNs appear on all storage ports with workload equally distributed across all. Each host has two dedicated HBAs for tape that can each see four independent LTO II (35MB/s) tape drives. All files are large and involve sequential I/O. Performance reporting shows a large read pending at the host during multi threaded backup. What is the most probably cause for the large read pending at the host?

- A. native command queueing
- B. SCSI Queue Depth too high
- C. SCSI Queue Depth too low
- D. throttling threshold is too high

Correct Answer: C

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#### QUESTION 8

Users are complaining the response times are out of range on a retail application. Performance monitoring of the storage subsystem indicates that there are no problems. A check of the host error logs shows that there are excessive SCSI retransmit errors. The 2Gb/s HBA on the host was recently replaced with a 4Gb/s HBA. What is the most probable cause of the timeout errors?

- A. the link is utilizing 9 micron fiber
- B. SCSI timeout value is set too small
- C. the switch port to the storage subsystem is set at 2Gb/s
- D. the distance from the host to the storage subsystem is greater than 175 meters

Correct Answer: D

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#### QUESTION 9

You are implementing a remote synchronous replication strategy over the FC SAN for disaster recovery. Which two must you consider? (Choose two.)

- A. ISL aggregation
- B. throughput requirement
- C. location of principal switch
- D. acceptable latency to the application
- E. disk subsystem RAID level compatibility

Correct Answer: BD

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**QUESTION 10**

There are two datacenters separated by twelve (12) km with IP connections linking the two sites. Site A is the primary production site, Site B is for test/development and disaster recovery. Site A synchronously replicates data to Site B for disaster recovery purposes via a merged SAN fabric between the two sites. The communication between the two sites is lost. What storage event will occur as a result of this?

- A. SAN Fabric will do a build fabric following segmentation
- B. SAN Fabric applications will stop executing I/O
- C. SAN Fabric will do a reconfigure fabric following segmentation
- D. SAN and nonSAN disk I/O will be halted

Correct Answer: A

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**QUESTION 11**

Which three (3) processes occur during a fabric merge? (Choose three.)

- A. TOV distribution
- B. zone set passing
- C. FSPF trunk distribution
- D. principle switch negotiation
- E. name server communication

Correct Answer: BDE

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**QUESTION 12**

Which portion of the 24bit (aabbcc) fibre channel address identifies the domain ID?

- A. aa
- B. cc
- C. aabb
- D. bbcc

Correct Answer: A

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**QUESTION 13**

When replacing an HBA, which two steps should be performed prior to connecting the HBA to the fabric? (Choose two.)

- A. activate the zone set
- B. disable zoning for the old HBA
- C. update the alias map with the new WWN
- D. create a new zone for the old HBA to ensure isolation of the defective component
- E. rename the active zone(s) to match the new HBA's WWN

Correct Answer: AC

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## QUESTION 14

A production cluster is attached to redundant disk fabrics and a tape fabric. Each fabric is contained within a single switch. Each cluster member has access to twelve (12) TB of RAID 5 production storage and twelve (12) TB of RAID 0 local replica accessed through eight (8) HBAs single initiator zoned to sixteen

(16)

storage ports on one storage subsystem. The tape fabric includes one (1) connection to each server and direct connections to ten (10) LTO II (35MB/s) tape drives. The standby cluster member performs multithreaded backups using the local replica. All HBAs and ports are 2Gb/s. If the recovery time is equal to backup time, where is the bottleneck?

- A.  
tape HBA
- B.  
disk HBAs
- C.  
tape drives
- D.  
subsystem contention

Correct Answer: A

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## QUESTION 15

The SAN audit reports that there is a single fabric in a full mesh topology. Which three benefits result from migrating to dual fabrics with full mesh topologies? (Choose three.)

- A. requires fewer interswitch links
- B. simplifies management
- C. minimizes disruption due to configuration error

D. minimizes disruption due to maintenance

E. reduces maintenance activity

Correct Answer: ACD

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