

SNIA Storage Networking Management/Administration (S10-200)
Practice Questions



These practice questions are designed to give the test taker a sample of the type and style of questions on the SNIA Storage Networking Management/Administration exam. These questions are not on the test itself.

The answer key is at the end of this document.

Question #1

Which SAN topology offers the highest level of redundancy and scalability?

- A. Ring
- B. Mesh
- C. Cascade
- D. Core-Edge

Question #2

A customer wants to deploy an active-passive cluster solution. Each node has a production application to be cluster protected, and a test application that is not to be cluster protected.

Which data protection feature of the SAN needs to be used to ensure that the test volumes are not presented to the respective cluster partners?

- A. zoning
- B. global LUN
- C. virtual sans
- D. LUN masking

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Question #3

A customer needs to implement two Fabric SANs with high-performance fault-tolerant disk access located 1500 km from its data center.

Which SAN component should an architect implement?

- A. NAS filers
- B. Fibre Channel switches
- C. Fibre Channel to iSCSI bridges
- D. Fibre Channel WAN connectivity

Question #4

Two servers are added to a SAN with redundant fabrics. Zoning information needs to be changed. How can you safely change the zoning information?

- A. Save the current zoning configuration to disk, modify it and apply it to both fabrics.
- B. Modify the zoning configuration on one fabric, test it, and modify the zoning information on the second fabric
- C. Modify the zoning configuration on one fabric, test it, copy the zoning information to the second fabric and enable it
- D. Change both fabrics at the same time, modify the zone configurations, and enable them with 10 seconds of each other

Question #5

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

- A. ISL trunking
- B. zone set passing
- C. principal switch negotiation
- D. name server communication
- E. subordinate switch negotiation

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Question #6

A company is using Fibre Channel extension equipment using FCP over SONET. The bandwidth of the link can no longer support the company's needs.

Which solution is cost effective and guarantees link performance?

- A. migrate to FCIP
- B. migrate to iSCSI
- C. buy more bandwidth
- D. add DWDM on the existing link

Question #7

A company is going to replicate data to a remote site using Fibre Channel extension. Which two technologies are appropriate for the task? (Choose two.)

- A. FCIP
- B. iFCP
- C. iSCSI
- D. FAIS

Question #8

A company implements stretch clustering in conjunction with a remote storage replication.

What are three reasons to do this? (Choose three.)

- A. protect against server failure
- B. decrease possibility of corrupt data
- C. easier to manage the failover process
- D. decrease application restart/recovery time
- E. increase application restart/recovery time

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Question #9

An active-active cluster is attached to two fabrics. Each member has two HBAs connected to each fabric. Each fabric has two array connections. SCSI Queue Depth for HBAs = 256 and Storage devices = 256 per port. 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 eight independent LTO II tape drives. All files are large and involve sequential I/O. The syslog of both systems shows an excessive number of SCSI timeouts, accentuated during the backups.

What is the most likely cause of the timeout errors?

- A. array contention
- B. SCSI Queue Depth is set too high
- C. too many tape drives for too few channels
- D. nature of sequential I/O over-runs the internal server buffers

Question #10

When adding a new Fibre Channel switch to a fabric, which step should you take, before connection, to maintain security of the production network?

- A. disable all ports
- B. change default password
- C. disable E_PORT functionality
- D. upgrade firmware using an isolated fabric

Answer Key: Next Page

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Answer Key:

1 – d, 2 – d, 3 – d, 4 – b, 5 – b,c,d, 6 – d, 7 – a,b, 8 – a,c,d, 9 –b, 10 -b