



Vendor: SNIA

Exam Code: S10-300

Exam Name: SNIA Architect - Assessment, Planning &
Design

Version: DEMO

QUESTION 1

You are conducting an ILM assessment and just completed the consolidation and assignment phase. What is your next steps?

- A. Perform gap analysis
- B. Develop detailed design
- C. Collect data and requirements
- D. Prepare actionable recommendations

Answer: A

QUESTION 2

After lab testing a solution, which two deliverables should be presented to the implementation team? (choose two)

- A. List of tested and approved versioning and code
- B. Performance metric showing maximum performance
- C. Complete TCO and ROI documentation for the solution
- D. Tested procedures and process for failover and redundancy

Answer: AD

QUESTION 3

A disaster recovery (DR) Plan includes synchronously replicating data between a production and Remote site and implementing a to-member extended distance cluster. Company.com uses a database application that can run in parallel mode. What should Company.com do?

- A. Start the database in parallel mode so that it runs on both servers; failover the storage in a disaster
- B. Start the database in parallel mode so that it runs on both servers; you do not need to failover anything.
- C. Run the database in normal mode on the production cluster member and failover the application and storage in a disaster
- D. Run the database in normal mode on each cluster member with each accessing local database files; you do need to failover anything.

Answer: C

QUESTION 4

Which technique is used to ensure that SAN-attached tape devices are represented consistently in a host operating system?

- A. LUN mapping
- B. Persistent binding
- C. Fabric initialization
- D. Indexed addressing

Answer: B

QUESTION 5

Company.com needs to protect against data corruption. You must assume that it could take the company up to three hours to determine that their data is corrupted. They want to have a snapshot every hour. The production data is not write intensive. If a split mirror snapshot is used, incremental establishment takes 15 minutes. Which solution fulfils their needs and is the most cost effective?

- A. Create a COW snapshot every hour. Always keep three snapshots
- B. Create a COW snapshot every hour. Always keep four snapshots
- C. Incrementally establish a split mirror snapshot every hour. Rotate using four snapshot volumes.
- D. Incrementally establish a split mirror snapshot every 45 minutes. Rotate using five snapshots volumes.

Answer: B

QUESTION 6

Company.com is configuring a host to have access to three virtual devices. The customer wants to strip these devices into one logical volume. Which three choices are valid?

- A. Host based virtualization
- B. File based virtualization
- C. Device based virtualization
- D. Network based virtualization
- E. Capacity based virtualization

Answer: ACD

QUESTION 7

You are troubleshooting a disaster recovery plan for your data center. Your current configuration is one with a SAN that includes a local and remote data center. Recently the data center was moved further away. You are experiencing reduced throughput and link utilization is now at 35 percent.

What cause this?

- A. Hard zones
- B. Phone connections
- C. Data transport between sites
- D. Buffer credits between switches

Answer: D

QUESTION 8

Which two statements are correct when designing a core-edge or tiered storage network topologies for high availability? (Choose two)

- A. ISLs are connected across independent ASICs.
- B. Large port count switches should only be used in the core.
- C. A 10Gb/ISL should always be used in place of two or four 2 Gb's ISLs.
- D. Core-edge and tiered storage network topologies should always be deployed in pairs for

redundancy.

Answer: AD

QUESTION 9

For a high availability storage network what should you do?

- A. Deploy two separate fabrics with redundant ISLs interconnecting them.
- B. Interconnect all switches together with redundant ISLs and management interfaces.
- C. Establish two separate fabrics with unique name servers and management configurations.
- D. Use fully redundant components with no single point of failure that are all interconnected using redundant paths and networks.

Answer: C

QUESTION 10

Company.com needs to create a tape backup strategy for a file system. On average the file system will be 60% full. Array based virtualization will be used to create the snapshot, which will only be used for the tape backup. Write activity on the production volume will be minimal during the backup process. Which will provide the least impact to the production application?

- A. COW snapshot mounted to a tutor/mount server.
- B. COW snapshot mounted to the application server.
- C. Split mirror snapshot mounted to a tutor/mount server
- D. Split mirror snapshot mounted to the application server.

Answer: A

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