

# SNIA

## Exam S10-100

snia atorage network foundations exam

Version: 5.0

[ Total Questions: 118 ]

**Topic break down**

<b>Topic</b>	<b>No. of Questions</b>
<b>Topic 0: A</b>	<b>59</b>
<b>Topic 1: B</b>	<b>59</b>

**Topic 0, A**

A

**Question No : 1 - (Topic 0)**

A customer with a split mirror backup infrastructure requires an emergency restore of a database. The data files and archive logs are co-located in the same file system. What is your first step after stopping the database?

- A. restore
- B. bring up the database in recovery mode
- C. copy archive logs to an alternate location
- D. change the database state to no archive logs

**Answer: C****Question No : 2 - (Topic 0)**

What are two advantages of IP storage networking? (Choose two.)

- A. lower propagation delay
- B. support up to 16 million devices
- C. builds on SCSI and Ethernet technologies
- D. takes advantage of existing knowledge base

**Answer: C,D****Question No : 3 - (Topic 0)**

Which transport method requires correct electrical termination on both ends?

- A. SBus
- B. ATAPI
- C. PCI bus
- D. SCSI bus

**Answer: D****Question No : 4 - (Topic 0)**

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Which three are advantages of using a SAN in a campus environment? (Choose three)

- A. Consolidate storage in a data center
- B. Increase storage resource utilization
- C. Decrease network traffic due to backups
- D. Decrease network traffic due to storage decentralization

**Answer: A,B,C**

**Question No : 5 - (Topic 0)**

Which protocol is used for backups on an ethernet based network?

- A. FCIP
- B. NDMP
- C. iDMP
- D. iSNS

**Answer: B**

**Question No : 6 - (Topic 0)**

Which type of storage management product would be used to perform LUN creation, mapping, and configuration without advanced integration of heterogeneous storage platforms?

- A. device manager
- B. logical data manager
- C. storage network manager
- D. network management system

**Answer: A**

**Question No : 7 - (Topic 0)**

A stock trading application requires disaster tolerant storage for both transactional and analytical processing. The implementation resulted in both a database and a data warehouse. Which two statements are true in an SMI-S enabled environment? (Choose two.)

- A. As initial storage is extended to match capacity changes, remote storage is added dynamically.
- B. The storage administrator creates a series of policies that specify remote and local replication at the policy client.
- C. The storage administrator creates a series of policies that specify remote and local replication at the policy provider.
- D. As local storage is extended to match capacity changes, remote storage is reconfigured within the capabilities of the storage pool.

**Answer: A,B**

**Question No : 8 - (Topic 0)**

Which Fibre Channel class of service offers a "quality of service" with guaranteed bandwidth?

- A. Class 2
- B. Class 3
- C. Class 4
- D. Class 5

**Answer: C**

**Question No : 9 - (Topic 0)**

What are two disadvantages of using a parallel interface? (Choose two.)

- A. as the bus length increases, the chance of skew increases
- B. as the bus speed increases, the chance of skew increases
- C. as the number of devices attached to the bus increases, bus length decreases
- D. as the number of devices attached to the bus increases, bus queue depth increases

**Answer: A,B**

**Question No : 10 - (Topic 0)**

What is a benefit of host-based data replication?

- A. full utilization of host CPU resources

- B. storage device independent and application transparent
- C. uses existing storage area network connections to complete replication
- D. enables applications to virtualize host connectivity and parallel data processing

**Answer: B**

**Question No : 11 - (Topic 0)**

Which utility typically enables abstraction of storage within a server?

- A. LVM
- B. switch zoning
- C. SAN appliance
- D. SMI-S monitoring tool

**Answer: A**

**Question No : 12 - (Topic 0)**

Which SMI-S interface role provides a common service for use by clients in locating services in the management environment?

- A. agent
- B. provider
- C. directory server
- D. management server

**Answer: C**

**Question No : 13 - (Topic 0)**

Which architecture allows system-to-system communication and user level DMA with as little CPU interaction as possible, most particularly for clustering?

- A. FAIS
- B. FC-VI
- C. FC-CT
- D. FC-SW

**Answer: B**

**Question No : 14 - (Topic 0)**

What type of Fabric switch ports are joined to form an ISL?

- A. F\_Port to F\_Port
- B. N\_Port to F\_Port
- C. E\_Port to E\_Port
- D. NL\_Port to E\_Port

**Answer: C**

**Question No : 15 - (Topic 0)**

Which characteristic differentiates an IP Storage adapter from a traditional Network Interface Card (NIC)?

- A. link aggregation
- B. 2 Gb/s data rate
- C. larger frame size
- D. TCP/IP segmentation offload

**Answer: D**

**Question No : 16 - (Topic 0)**

What is the maximum potential bandwidth of a Fibre Channel connection in a 2 Gb SAN?

- A. 100 MB/s
- B. 200 MB/s
- C. 300 MB/s
- D. 400 MB/s

**Answer: D**

**Question No : 17 - (Topic 0)**