SNIA

Exam S10-100

snia atorage network foundations exam

Version: 5.0

[Total Questions: 118]

Topic break down

Topic	No. of Questions
Topic 0: A	59
Topic 1: B	59

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)

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)