

# SG0-001<sup>Q&As</sup>

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**QUESTION 1**

An administrator sets up CHAP on an iSCSI client to provide which of the following?

- A. Encryption of data between server and client
- B. Authorization of client's encryption keys
- C. High availability of remote storage
- D. Authentication for remote data storage

Correct Answer: D

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**QUESTION 2**

A host-based logical volume manager is used to migrate data from an old array to a newer one. The storage administrator has completed the physical connections, zoning, and masking, but the storage volumes from the new array are still not visible on the host. Which of the following steps should be performed NEXT?

- A. Change the HBA driver topology configuration
- B. Replace failed HBA
- C. Run fcping
- D. Bus rescan

Correct Answer: D

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**QUESTION 3**

Which of the following measures the performance overhead in an ISL between two switches?

- A. Bandwidth
- B. Latency
- C. Multipathing
- D. Hop

Correct Answer: B

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**QUESTION 4**

A storage administrator is troubleshooting lack of connectivity between an iSCSI-initiator and iSCSI-target that is located behind a firewall. The firewall has the following active rule base:

Allow udp port 3260

Allow tcp port 443

Allow icmp all

Deny all

Which of the following is the MOST likely issue?

- A. iSCSI does not function behind a firewall due to the RPC protocol.
- B. iSCSI also requires TCP/3260 to be allowed.
- C. The issue is not firewall related as iSCSI is not a TCP/IP-based protocol.
- D. iSCSI does not function behind a firewall due to NAT requirements.

Correct Answer: B

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#### QUESTION 5

An initiator can be defined as which of the following?

- A. A host that requests or submits I/O to or from target.
- B. A disk that submits data to cache for availability.
- C. A switch port that provides SAN connectivity.
- D. A front-end storage port that checks for SAN connectivity.

Correct Answer: A

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#### QUESTION 6

A storage administrator has created a ruleset to determine the appropriate storage tier when storing new data in a tiered storage solution. The administrator notes later that the default tier is receiving all of the new data. Which of the following should the administrator perform FIRST?

- A. Add a new storage tier to the solution
- B. Check the order of the rules
- C. Enlarge the capacity of the default tier
- D. Eliminate the default rule

Correct Answer: B

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#### QUESTION 7

Which of the following terms matches the situation where a new file system is connected to a specific directory on an existing connected file system?

- A. Mount Point
- B. Device Map
- C. Logical Volume
- D. Volume Group

Correct Answer: A

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#### QUESTION 8

In an HSM solution, files are archived to high capacity, high latency disk. To minimize overhead and assure the fastest recall time possible, which of the following should be considered when setting migration policy? (Select TWO).

- A. Larger files should have a higher priority for migration than smaller ones
- B. Files with the oldest creation date should be migrated first
- C. Files with the oldest last reference date should have higher priority for migration
- D. If data criteria are identical, smaller files should be migrated first
- E. The least referenced files should have higher priority for migration

Correct Answer: AC

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#### QUESTION 9

A server has an HBA with the address of 23-00-00-1B-23-C4-B5-01. Which of the following properly identifies this type of address?

- A. MAC Address
- B. FCoE map
- C. N-port-ID
- D. WWNN

Correct Answer: D

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#### QUESTION 10

An administrator has just replaced a single-port HBA and needs to complete zoning changes to replace the current alias. The administrator creates the new alias, adds it to the existing zone, and then deletes the old alias. When applying the new configuration, an error states that the original alias is not found and the configuration cannot be applied. Which of the following steps did the administrator miss?

- A. Create a new zone with the new alias and add it to the existing configuration
- B. Remove the original zone and recreate it with the new alias.
- C. Rename the original alias before deleting it.
- D. Remove the original alias from the zone before deleting it.

Correct Answer: D

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#### QUESTION 11

When connecting multiple NICs from a server to a switch and eventually to an iSCSI target, each NIC receives its own IP address, and an iSCSI Initiator-Target link is established for each NIC. The OS uses a round-robin technique to write data to presented LUNs. Which of the following describes this setup?

- A. Multipathing
- B. NIC teaming
- C. Link aggregation
- D. Port grouping

Correct Answer: A

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#### QUESTION 12

A system administrator has completed the configuration of the fiber channel switch. All switch ports have been configured the same way, since they connect similar server hardware with similar capabilities and configuration. One of the servers is unable to see its storage. The system administrator moves the server's current connection to a different and unused fiber channel port and the server's storage is now available.

Which of the following is the MOST likely reason for the server not being able to see its storage in its original configuration?

- A. Bad MAU
- B. Bad fiber cable
- C. Bad SFP
- D. Bad NIC

Correct Answer: C

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#### QUESTION 13

Host-based volume management can be used to virtualize which of the following?

- A. Storage from multiple arrays

- B. Multiple operating systems
- C. SAN fabrics from remote data centers
- D. Multiple tape devices

Correct Answer: A

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**QUESTION 14**

Which of the following technologies would be used to connect to traditional Direct Attached Storage (DAS)?

- A. IP
- B. eSATA
- C. iSCSI
- D. NFS

Correct Answer: C

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**QUESTION 15**

Which of the following is a neighbor discovery protocol that sends out and receives detailed Layer 2 network information to other connected access devices and can be used by any vendor?

- A. FCOE
- B. LDAP
- C. CDP
- D. LLDP

Correct Answer: D

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