



SG0-001^{Q&As}

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QUESTION 1

Which of the following technologies would work BEST for a company spread across a number of locations in a city to connect all their networks?

- A. MAN
- B. WAN
- C. LAN
- D. VLAN

Correct Answer: A

QUESTION 2

Which of the following is the BEST way to maintain the operational environment in a datacenter?

- A. Seal the room so the outside environment has less impact on the datacenter environment.
- B. Run the systems in "low-power" mode to put less strain on the HVAC unit(s).
- C. Open the doors to the datacenter and run large fans to pull hot air away from the room.
- D. Provide one-for-one backup (n + n) HVAC units so each unit operates more efficiently.

Correct Answer: A

QUESTION 3

A pair of SAN-attached servers will be clustered using host clustering, which of the following should the storage administrator do to support that configuration?

- A. Volumes should be mapped to one server and then the second server will provide redundancy
- B. Shared volumes should be mapped to both servers via a single storage interface.
- C. Storage volumes from separate storage arrays should be mapped to each server via separate fabrics.
- D. Shared volumes should be mapped to both servers via multiple storage interfaces.

Correct Answer: D

QUESTION 4

Which of the following is the purpose of ISL?

- A. To increase the performance of the HBAs



- B. To expand the iSCSI fabric
- C. To expand the Ethernet network
- D. To expand the FC fabric

Correct Answer: D

QUESTION 5

An administrator cannot get the initiator to discover an iSCSI target. The switch displays all green lights on the port but by moving the cable from one port on the switch to another, the initiator discovers the target. Which of the following is MOST likely the issue?

- A. Incorrect VLAN setting on the switch
- B. Switch port was shutdown
- C. Incorrect configuration of the target NIC
- D. Incorrect configuration of the initiator NIC

Correct Answer: A

QUESTION 6

Which of the following would be considered a poor candidate for deduplication?

- A. A high performance OLTP database
- B. Tape based backups
- C. A filesystem or share containing unstructured windows files and documents
- D. Disk based backups

Correct Answer: A

QUESTION 7

Which of the following BEST describes an advantage of a hot pluggable scenario?

- A. Pluggable when system is down
- B. Disk drive can be changed at anytime
- C. Disk drives can be swapped while doing backup
- D. Disk drive has a hot spot

Correct Answer: B



QUESTION 8

Asynchronous replication is defined as which of the following?

- A. Data write is acknowledged to the host at the secondary site only, and then sent to primary site as network availability permits.
- B. Data write is acknowledged to the host at the primary site only and then sent to secondary site as network capabilities allow.
- C. Data write is not acknowledged to the host until transfer has been verified by secondary controller.
- D. Data write is acknowledged to the host at both primary and secondary simultaneous^ and transferred as network capabilities allow.

Correct Answer: B

QUESTION 9

The specification of disk drives used in a storage system lists an average of 200 read IOPS per drive. Which of the following should be expected of an 8 drive RAID 5 array?

- A. 1000
- B. 1200
- C. 1400
- D. 1600

Correct Answer: C

QUESTION 10

Which of the following data replication technologies should an administrator use between two storage arrays 1000 miles apart?

- A. Cloning
- B. Snapshots
- C. Asynchronous
- D. Synchronous

Correct Answer: C

QUESTION 11



When setting up queue depths in the below environment parameters:

- A storage device's port queue depth setting is set to 160
- They would like to assign 4 host HBAs to each port

Which of the following depth values would be the BEST to assign to each HBA?

- A. 40
- B. 80
- C. 160+
- D. Default value

Correct Answer: A

QUESTION 12

Which of the following drives provides the FASTEST throughput?

- A. FC
- B. SAS
- C. SSD
- D. SATA

Correct Answer: C

QUESTION 13

A system administrator is tracking the size of data stored on a thin LUN and notices that the LUN is running out of space although the server's file system does not show the same amount of data. Which of the following can the system administrator perform to more accurately track LUN usage?

- A. Thin reclamation
- B. De-duplicate the LUN
- C. Compress the LUN
- D. Thin provisioning

Correct Answer: A

QUESTION 14

Which of the following tape drive features protects data from unauthorized use?

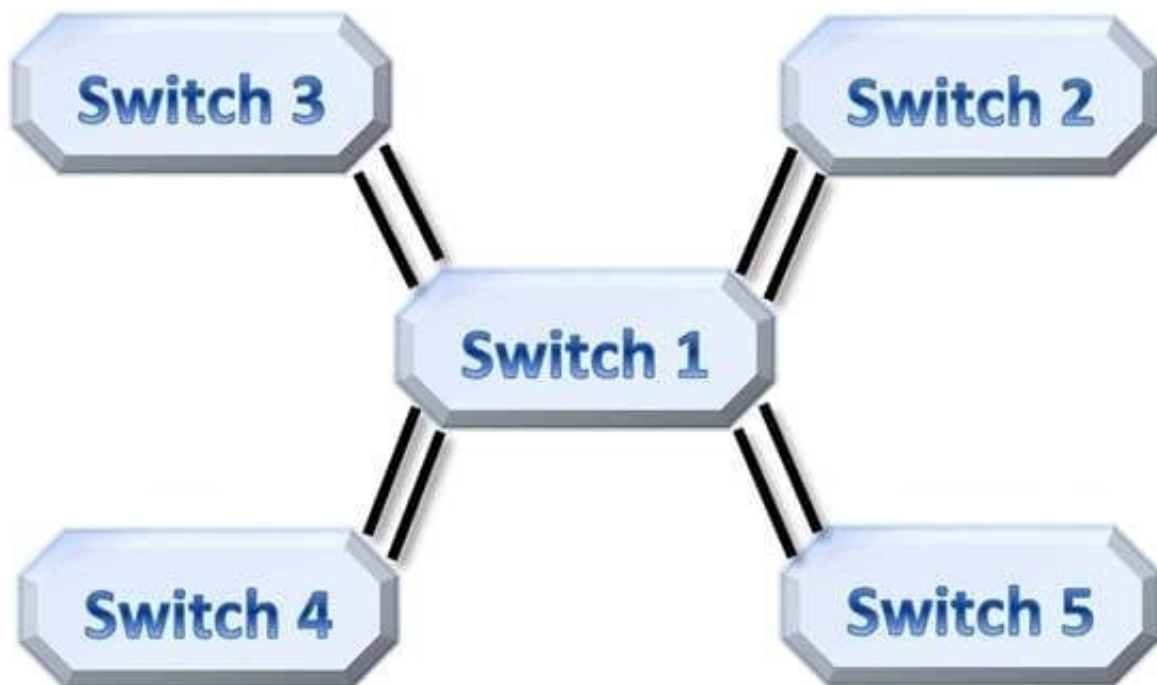


- A. Multi-streaming
- B. Multiplexing
- C. Compression
- D. Encryption

Correct Answer: D

QUESTION 15

-- Exhibit?



-- Exhibit -

Click on the exhibit button. Which of the following is the topology shown in the image?

- A. Core-Edge
- B. Point-to-Point
- C. Full mesh
- D. Ring

Correct Answer: A



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