



# S10-201<sup>Q&As</sup>

SNIA Storage Networking Management & Administration

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**QUESTION 1**

You have been asked to add 2 new PCIX cards into an existing server architecture and notice that they run at different clock speeds. The system has both shared and dedicated PCI bus slots available. In order to maximize performance, which PCI cards should be installed in which slots? (Choose two.)

- A. PCIX bus slots are speed independent
- B. PCIX 133 installed in a dedicated bus slot
- C. PCIX 100 installed in a dedicated bus slot
- D. PCIX 100 installed in a shared bus slot
- E. PCIX 133 installed in a shared bus slot

Correct Answer: BD

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**QUESTION 2**

An application administrator seeks to improve the I/O performance of the server's SANattached storage. Which HBA parameter setting change can affect the performance?

- A. Queue Depth
- B. PCI Connection Type
- C. NLPort Mode
- D. SCSI ID Mapping

Correct Answer: A

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**QUESTION 3**

An application administrator seeks to improve the I/O performance of the server's SANattached storage. Which HBA parameter setting change can affect the performance?

- A. Queue Depth
- B. PCI Connection Type
- C. NLPort Mode
- D. SCSI ID Mapping

Correct Answer: A

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**QUESTION 4**



A storage configuration was created which stores large amounts of infrequently used documents. The storage implementation is based on serial attached SCSI (SAS) and an edge expander. Almost all ports are utilized, and a second edge expander will be installed. What is required to connect SATA devices to the SAS domain?

- A. SASSATA adapter
- B. SASSATA protocol converter
- C. cable with two SATA connectors
- D. cable with a SAS and a SATA connector

Correct Answer: C

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#### QUESTION 5

What function of SATA is the equivalent of SCSI command tag queueing?

- A. SATA command tag queueing
- B. SATA command queueing
- C. native command tag queueing
- D. native command queueing

Correct Answer: D

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#### QUESTION 6

Which typical data characteristics would define archival data? (Choose two.)

- A. shortterm
- B. longterm
- C. offline
- D. online
- E. dynamic

Correct Answer: BC

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#### QUESTION 7

Last month, you successfully merged two (2) local SAN islands into a single core/edge fabric topology and connected storage devices to the core switches. Performance benchmarks were met or exceeded. In recent days, server administrators have documented a slow down in performance as I/O demands have increased. Storage administrators report that all storage ports are underutilized. What is the most likely explanation?



- A. conflicts between SAN routing protocols
- B. storage port buffer credit limits have restricted I/O capabilities
- C. multiple process login failures
- D. over utilization of one or more ISLs

Correct Answer: D

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### QUESTION 8

A customer has a database server that processes a great deal of data very quickly. They have identified a bottleneck in the storage subsystem and requested a change to the RAID configuration. How would you configure the new RAID group? (Choose two.)

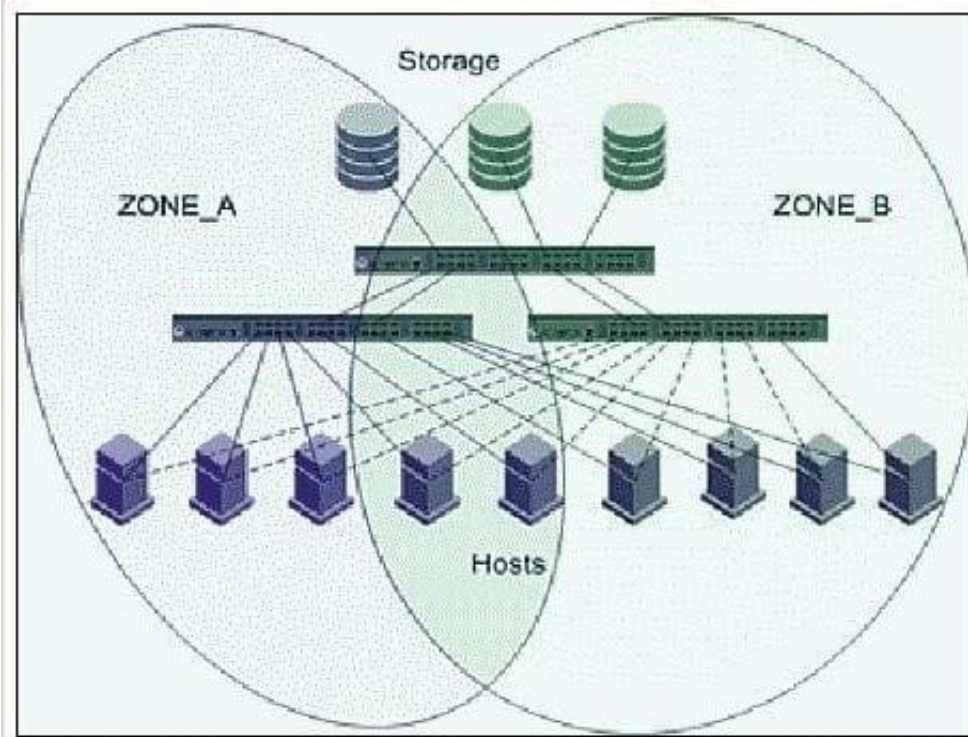
- A. Stripe across 7200 rpm drives
- B. Stripe across 15K rpm drives
- C. RAID 6
- D. RAID 1+0
- E. RAID 5

Correct Answer: BD

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### QUESTION 9

Click the Exhibit button.



Calculate the fanin ratio for ZONE\_A.

- A. 9:1
- B. 9:2
- C. 5:1
- D. 3:1

Correct Answer: C

**QUESTION 10**

A company has implemented a stretch cluster between two sites that are 100km apart in conjunction with synchronous data replication. What are two (2) operational benefits of this implementation? (Choose two.)

- A. decreased possibility of data inaccessibility
- B. protection against fabric service failure
- C. easier to manage SAN configuration
- D. increased application availability
- E. protection against ISL failure

Correct Answer: AD

**QUESTION 11**

A storage configuration was created which stores large amounts of infrequently used documents. The storage implementation is based on serial attached SCSI (SAS) and an edge expander. Almost all ports are utilized, and a second edge expander will be installed. What is required to connect SATA devices to the SAS domain?

- A. SASSATA adapter
- B. SASSATA protocol converter
- C. cable with two SATA connectors
- D. cable with a SAS and a SATA connector

Correct Answer: C

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**QUESTION 12**

A customer's switch command line indicates that the status of port 4 is isolated. You know that port 4 is connected to a target device. What is the problem?

- A. port speed inconsistency
- B. Domain ID inconsistency
- C. E\_D\_TOV mismatch
- D. Fibre type mismatch

Correct Answer: C

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**QUESTION 13**

What two (2) technologies are commonly used in a business continuity plan? (Choose two.)

- A. tape backup with restore to a remote site
- B. subsystembased synchronous replication to a remote site
- C. subsystembased asynchronous replication to a remote site
- D. subsystembased replication in the same datacenter
- E. virtual tape library with restore to a remote site

Correct Answer: BC

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**QUESTION 14**

When replacing an HBA, which two steps should be performed prior to connecting the HBA to the fabric? (Choose two.)



- A. activate the zone set
- B. disable zoning for the old HBA
- C. update the alias map with the new WWN
- D. create a new zone for the old HBA to ensure isolation of the defective component
- E. rename the active zone(s) to match the new HBA's WWN

Correct Answer: AC

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#### QUESTION 15

What two (2) benefits does SCSI Command Tag Queueing provide? (Choose two.)

- A. allows I/O requests to be queued to the device
- B. determines the most efficient way to order and process commands
- C. tags I/O requests so they can be executed first in first out
- D. allows SCSI I/O throughput to equal rates of fibre channel
- E. determines queue depth position

Correct Answer: AB

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