

ISLEVER

# SG1-001

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Exam

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## Topic 1, Volume A

### QUESTION NO: 1

Which two (2) are advantages of ISL over-subscription? (Choose two.)

- A. efficient ISL bandwidth utilization
- B. lowers cost-per-port per installation
- C. higher performance per ISL
- D. enables zoning simplicity
- E. more available F\_Ports

**Answer: A,E**

**Explanation:**

### QUESTION NO: 2

The SAN audit reports that there is a single fabric in a full mesh topology. Which three (3) benefits result from migrating to dual fabrics with full mesh topologies? (Choose three.)

- A. less inter-switch links
- B. simplifies manageability
- C. protection from human error
- D. reduction in maintenance activity
- E. decreased maintenance disruption

**Answer: A,C,E**

**Explanation:**

### QUESTION NO: 3

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 & 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

**Answer: A,B**

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**Explanation:**

**QUESTION NO: 4**

You have a single fabric with four servers connecting to an edge switch in a core edge configuration with single 2Gb/s ISLs to the core. Each server has an average throughput requirement of 40MB/s. Under which circumstance would you need to add a second ISL?

- A. to provide a redundant path
- B. to avoid congestion on the ISL
- C. to separate out FSPF updates
- D. to provide a management path

**Answer: A**

**Explanation:**

**QUESTION NO: 5**

Two servers have been connected to a SAN with redundant fabrics and the zone configuration needs to be changed. How can you safely change the zone configuration?

- A. Save the current zone configuration to disk, modify it and apply it to both fabrics simultaneously to avoid segmentation.
- B. Modify the zone configuration on one fabric, test it, and then modify the zone configuration on the second fabric.
- C. Modify the zone configuration on one fabric, test it, and then copy the zone configuration to the second fabric.
- D. Modify the zone configuration on both fabrics at the same time, enable them simultaneously to avoid segmentation.

**Answer: B**

**Explanation:**

**QUESTION NO: 6**

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.)

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

**Answer: B,D**

**Explanation:**

#### **QUESTION NO: 7**

Which set of SCSI components are required to support SCSI command tag queuing?

- A. adapter, adapter driver, device, device driver
- B. adapter, device, device driver
- C. adapter, device driver, controller, controller firmware
- D. device, device driver

**Answer: A**

**Explanation:**

#### **QUESTION NO: 8**

What enables a virtual machine to have a unique World Wide Port Name?

- A. Address Replacement Protocol
- B. Virtual Machine Address Translation
- C. N\_Port ID Virtualization
- D. extended WWID Architecture

**Answer: C**

**Explanation:**

#### **QUESTION NO: 9**

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