

# CompTIA Storage+ Powered by SNIA

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(s):** A E

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2. What is a characteristic of synchronous remote replication?

A. Source is minutes ahead of the remote replication.

B. Source buffers the data and sends it depending on a cycle time.

C. Source and remote replication always have identical data.

D. Synchronous replication only used for extended distances.

**Answer(s):** C

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3. You are installing a x8 PCI-E HBA into a server and notice that you only have a x16 slot available. What is the impact of this action?

A. The HBA will negotiate and use x16 lanes.

B. The slot must be reconfigured for x8 support.

C. The HBA cannot be installed into a x16 slot.

D. The slot will negotiate to support the x8 HBA.

**Answer(s): D**

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4. 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(s): D**

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5. Which statement defines Serial-Attached SCSI (SAS) and SATA connectivity?

A. SAS storage devices can plug into SATA backplanes.

B. SATA storage devices can not plug into SAS backplanes.

C. SAS backplanes can accommodate both SAS and SATA devices.

D. SATA backplanes can accommodate both SAS and SATA devices.

**Answer(s): C**

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6. What concept can reduce the number of ports required for ISLs?

A. zoning

B. locality

C. trunking

D. routing

**Answer(s): B**

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7. 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(s): A C E**

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8. 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(s): C D**

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9. You no longer have any port availability in the company's switch fabric. There is a decommissioned switch available. When it is installed, there is a segmentation error. What is the cause problem?

- A. The wrong cable type was used to connect the switches.
- B. The cable was connected into the wrong port on the target switch.
- C. A duplicate zone name exists on the switch you are adding.
- D. The domain priority is inconsistent

**Answer(s): C**

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10. Which two (2) processes occur during a fabric merge? (Choose two.)

- A. TOV negotiation
- B. zone set passing
- C. FSPF trunk negotiation
- D. name server communication
- E. subordinate switch negotiation

**Answer(s): B D**

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11. 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(s):** A B

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**12.** What is a shared communication infrastructure device to which nodes on a multi-points bus or loop are physically connected?

A. Hub

B. Switch

C. Gateway

D. Managed switch

**Answer(s):** A

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**13.** From a business perspective a well managed archive is particularly important in which situation?

A. In the event of loss of power at the primary data center

B. When an administrator accidentally formats the wrong file system

C. In the event of litigation

D. When a user accidentally deletes an important email

**Answer(s):** A

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**14.** In a multiple switch fabric, how should the error detection (E\_D\_TOV) and resource allocation (R\_A\_TOV) time out values be set?

A. according to the number of switches in the fabric

B. as a multiple of the number of ports on the switch

C. the same on all N\_Ports and switches in the fabric

D. double the values set on the core switch

**Answer(s): C**

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**15.** 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(s): A**

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**16.** 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(s): B**

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17. In the exhibit, which type of connector is shown?

A. HSSDB9

B. HSSDC

C. SATA

D. VHDCI

E. SCSI

**Answer(s): A**

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18. Which portion of the 24-bit (aabbcc) fiber channel address identifies the area?

A. cc

B. bb

C. aabb

D. bbcc

**Answer(s): B**

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19. 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(s): B**

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**20.** Which SMB security entity provides locking?

A. Share ACL

B. NFS export

C. Deny modes

D. CIFS authorization

**Answer(s): C**

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