

# Storage+ Powered by SNIA

1. In which of the following is a single connection acceptable for a storage network?

A. Connecting to FC-AL

B. Connecting to Ethernet virtual fabric

C. Connecting to FC-SW

D. Connecting to a dedicated VLAN

**Answer(s): A**

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2. In a core-edge architecture, which of the following FC switches would be used for the core?

A. Bridge

B. Director

C. Router

D. Gateway

**Answer(s): B**

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3. A technician has been tasked with adding equipment to a rack. Which of the following should be followed to minimize the chance for injury while installing the equipment?

A. ESD straps

B. Hot-cold aisle implementation

C. Proper redundant power distribution

D. Proper lifting techniques

**Answer(s): D**

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4. Which of the following describes a selection of controller-less drives?

A. JBOD

B. RAID0

C. SCSI

D. eSCSI

**Answer(s): A**

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5. Which of the following BEST prevents unauthorized access to storage data via a username/password?

A. Compression

B. Encryption

C. Physical access restrictions

D. ACL

**Answer(s): D**

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6. An administrator has configured storage for a server, and would like to ensure that other systems do not accidentally gain access to this server's storage by plugging into the system's port. Which of the following would provide a solution?

A. WWN zoning

B. RCSN

C. Port zoning

D. Virtual fabric

**Answer(s): A**

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7. VSAN/Virtual Fabric can BEST be defined as which of the following?

A. Combining multiple physical switches into a single logical fabric

B. Configuring multiple logical fabrics within a single physical fabric

C. Configuring multiple ports on a FC switch to a combined ISL path

D. Assigning multiple logical devices to a single FC F-port

**Answer(s): B**

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8. To ensure ongoing communication between a server and a storage network, the server should be connected to at least two separate:

A. power supplies.

B. switches.

C. storage arrays.

D. ISLs.

**Answer(s): B**

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9. A new host has been added to the SAN and new LUNS have been created for the host's use. The administrator has created an alias for the host WWPN and placed that alias in to a zone. Which of the following must the administrator do NEXT to enable connectivity between the host and storage array?

A. Add a zone for the array and enable the configuration

B. Add another alias to the zone and enable the configuration

C. Add the target to the zone and enable the configuration.

D. Add the initiator to the zone and enable the configuration.

**Answer(s): C**

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**10.** A server has two HBAs. Each HBA is connected to a fabric and zoned to the same storage array. HBA0 is passing traffic, while HBA1 is connected but not passing traffic. This is known as which of the following?

A. Single path active-passive

B. Multipath active-passive

C. Multipath active-active

D. Fully-pathed passive redundant

**Answer(s): A**

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**11.** Which of the following will allow secure remote login on a managed device?

A. HTTP

B. Telnet

C. SSH

D. CLI

**Answer(s): C**

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**12.** The backup regimen for a file server is to run a full backup every Sunday and cumulative incremental backups Monday thru Saturday evenings. On Wednesday morning, the server and storage are lost in a catastrophic event. Assuming a different backup tape is used every day, how many tapes are required to recover the server?

A. 1

B. 3

C. 2

D. 4

**Answer(s): C**

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**13.** A new DAS populated with ten 160GB drives is in a RAID6 configuration. Which of the following is the usable disk space?

A. 1.6TB

B. 1.44TB

C. 800MB

D. 1.28TB

**Answer(s): D**

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**14.** A dual controller head storage array is zoned to two different fabrics. How should the administrator cable up the storage array to ensure redundancy and resiliency?

A. ISL the FC switches together

B. Cable one controller port to one fabric and the other controller port to a second fabric

C. Cable both controller heads to one switch

D. Have at least one path from each controller head going to each fabric

**Answer(s): D**

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**15.** 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 provisioning

B. De-duplicate the LUN

C. Thin reclamation

D. Compress the LUN

**Answer(s): C**

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**16.** Which of the following is a security risk inherent to using port zoning?

A. WWN-spoofing on the SAN fabric could allow unauthorized access to data.

B. Physical access to the switch could allow unauthorized access to data.

C. Tape-based encryption is not compatible with port zoning.

D. Encryption of data in-flight is not compatible with port zoning.

**Answer(s): D**

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**17.** A datacenter has a hierarchy of multiple storage systems with SSDs, FC disks, SATA disks, and JBODs. Which of the following classifies this arrangement?

A. LVM

B. HSM

C. Tiers

D. FCoTR

**Answer(s): C**

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**18.** An administrator installed a new NIC into an existing older server. The NIC is not properly recognized by the OS. Which of the following is MOST likely the problem?

A. The operating system needs to be reinstalled.

B. The server does not have enough power.

C. The server has a virus.

D. The driver needs to be installed.

**Answer(s): D**

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**19.** Queue Depths can be defined as which of the following?

A. A type of issue with large bandwidth

B. The number of pending SCSI commands

C. A value of the FICON status menu

D. The number of Layer 2 processes on the fiber

**Answer(s): B**

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**20.** Which of the following is one advantage of using TOE?

A. Decreases CPU utilization

B. Increases routing complexity

C. Decreases network throughput

D. Requires use of jumbo frames

**Answer(s): A**

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