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Exam : **SG0-001**

Title : CompTIA Storage+ Powered By SNIA Certification Exam

Version : DEMO

1.Which of the following is an indication of acceptable storage array performance?
A. High cache hit ratio
B. Low MTTF
C. Low buffer-to-buffer credits
D. High I/O wait
Answer: A

2.When setting up replication for application spanning multiple LUNs, which of the following replication features should be utilized?
A. Clone
B. Snapshot
C. Semi-synchronous Replication
D. Consistency Group
Answer: D

3.Which of the following is the difference between a Tape Library and a Tape Auto-loader?
A. A Tape Library supports a tape access door.
B. A Tape Library supports multiple tape drives.
C. A Tape Library supports a tape robot.
D. A Tape Library supports multiple tapes.
Answer: B

4.Which of the following requires a MINIMUM of three drives and can survive the loss of up to any two drives?
A. RAID 1
B. RAID 0+1
C. RAID 5
D. RAID 6
Answer: D

5.An IP-based datacenter is adding SCSI tape and disk assets to be used by multiple servers. Which of the following will need to be added?
A. Router
B. Bridge
C. GiGE switch
D. 10/100 switch
Answer: B

6.Which of the following terms refers to the storage infrastructure as a whole?
A. Fabric
B. Connection
C. SAN
D. NAS
Answer: C

7.Which of the following is the NATIVE capacity of an LTO-4 tape cartridge?
A. 200 GB
B. 400 GB
C. 800 GB
D. 1TB
Answer: C

8.Which of the following is the BEST media to quickly backup a portable 30 GB file?
A. LTO
B. Flash Drive
C. DVD
D. Blu-Ray
Answer: B

9.Which of the following is a meshed topology of server nodes, switches, and storage nodes?
A. Arbitrated loop
B. FCoTR
C. Fabric
D. Zone
Answer: C

10.Given the below system requirements:
-Two Fabrics
-Each fabric has 4 switches, 1 core director and 3 edge switches
-A new storage array is being added
-HA environment that is fully redundant
Where would a storage administrator MOST likely place the storage and how many connections would the administrator need to connect the array to the environment?
A. Connected to the core; all connections from the storage array controller 1 go to fabric A and controller 2 goes to fabric B.
B. Connected to the edge switches; each controller has its connections balanced between all edge switches on both fabrics.
C. Connected to the edge switches; controller 1 has its connections balanced between all edge switches on fabric A, controller 2 has its connections balanced between all edge switches on fabric B.
D. Connected to the core; half of the connections to each storage array controller connects to each of the fabrics.
Answer: D

11.Which of the following is recommended for mirroring data over long distances when the transaction rate is high and impact to the performance on the main site must be minimized?
A. Replication Consistent
B. Synchronous
C. Symmetric

D. Asynchronous
Answer: D

12.Which of the following replication types is the FASTEST?
A. Synchronous
B. Asynchronous
C. Incremental
D. Differential
Answer: A

13.Which of the following would a company implement in order to ensure that critical system data backups are available in case the datacenter is lost due to a natural disaster?
A. Snapshots
B. e-vaulting
C. OnsiteD2D
D. OnsiteD2D2T
Answer: B

14.Which of the following provides a point-in-time, copy-on-write copy of storage data?
A. RAID hot spare
B. LUN Migration
C. Clone
D. Snapshot
Answer: D

15.An IT Administrator needs to have which of the following devices in order to share an FC storage system with multiple servers on a SAN?
A. FC router
B. FC switch
C. FC hub
D. FC HBA
Answer: B

16.After a cleaning person left the network room, one of the paths to the SAN from Server A is no longer working. The redundant path is working fine. The cables are all connected securely but the HBA fault light is on. The switch shows no light on that port. Which of the following MOST likely occurred?
A. The HBA was unseated.
B. The Ethernet connection was briefly lost.
C. The ISL was broken.
D. The cable was damaged
Answer: D

17.Which of the following Fibre Channel feature allows Virtual Machines to be seen individual^ on the fabric?

A. VLAN
B. Virtual Fabric
C. NPIV
D. Virtual Storage
Answer: C

18.A SAN administrator is troubleshooting a connectivity issue between a new server and a FC switch. The link is running at 8Gbps and uses a 90 meter (295 feet) optical cable. Which of the following is the FIRST item the administrator should check or perform?
A. Upgrade the switch firmware to the latest level.
B. Verify the cable is OM-3 and not OM-2
C. Run a temporary cable to bypass a patch panel.
D. Replace the server's host bus adapter.
Answer: B

19.An administrator notices an occasional spike in disk IOPS beyond what the disks can handle. Worried about application performance, the administrator talks with users, but the effect seems to have gone unnoticed. Which of the following is MOST likely preventing the users from experiencing the effects of the spikes?
A. Redundant Fabric
B. Fiber Channel
C. Inter-Switch Links
D. Controller Cache
Answer: D

20.Which of the following technologies provides an abstraction of physical drives within a storage array?
A. Fabric virtualization
B. Disk virtualization
C. SAN virtualization
D. Server virtualization
Answer: B