S10-101^{Q&As}

Snia Storage Network Foundations Exam

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QUESTION 1

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.

Correct Answer: C

QUESTION 2

Which activity is performed by a storage device manager?

A. logical unit number (LUN) masking

B. Volume group configuration

C. File system configuration

D. name server management

Correct Answer: A

QUESTION 3

After installing a new switch in the fabric, what will have to be performed by the system administrator?

A. decomission the Name Server

B. rename the Zone Server

C. update and install device drivers in all HBA attached to the switch

D. create and activate required zone set on the switch

Correct Answer: D

QUESTION 4

Your existing tape infrastructure uses block level technology. You need to restore a set of files but not the entire volume. How ca this accomplished without compromising the existing data on the server?

A. Backup the server, restore the original volume, then restore the recent backup

B. Restore the tape over the existing volume. Only extra files that do not exist will be added

C. Build out a new server that mimics the existing server and restore the file to that newly created server

D. Restore to an alternate location such as a newly allocated drive. Copy the files you need on to the volume.

Correct Answer: D

QUESTION 5

Which statement describes the relationship between SAS and SATA devices regarding storage capacity?

A. SATA devices have less storage capacity than SAS devices

B. SAS devices have less storage capacity than SATA devices

C. STA and SAS devices have the same storage capacity

D. SAS devices have less performance than SATA drives

Correct Answer: B

QUESTION 6

What steps are required to configure a LUN on a disk array?

A. define LUNs, reset controllers, mask LUNs

B. define LUNs, reboot system

C. create RAID set, define and mask LUNs

D. create RAID set, create LUN share

Correct Answer: C

QUESTION 7

Which are two benefits of using storage based replication? (Choose two)

A. minimal or no host and network load

B. host software dependent

C. host platform independent

D. storage platform independent

E. minimal storage network load

Correct Answer: AC

QUESTION 8

What is one advantage of hardware RAID controllers?

A. Volume management is performed by the host

B. Volume management is performed bu the switch

C. Parity calculation by the server and cache memory on the RAID controller increases read and write performance

D. Dedicated cache memory increases server write performance

Correct Answer: D

QUESTION 9

Which two performance criteria are used to determine the selection of a device for a tiered storage level? (Choose two)

A. performance (IOPs)

B. age of data

C. user profile

D. availability/reliability

E. power consumption (watts/GB)

Correct Answer: AD

QUESTION 10

What happens when a Data Disk drive which has the ability to operate at 1.5 amd 3.0 Gbps is plugged into a SAS exppander port with the ability to operate at 3.0 at 6.0 Gbps?

A. The SATA device will not operate

B. The SATA drive will power down

C. The SAS expander port shuts down and reports an error to the management application layer using the SMP protocol

D. The SAS expander port and SATA device will automatically perform speed negotiation and run at 3.0 Gbps

Correct Answer: D

QUESTION 11

Which HBA configuration parameter represents the global value of outstanding commands?

A. task-depth

B. queue-depth

C. target-queue-throuttle

D. ipfc-lun-throttle

Correct Answer: B

QUESTION 12

Which host adapter configuration parameters is se t to create redundant logical "paths" between the server and the storage device?

A. LUN-pathing

B. Zone-Pathing

C. Multipathing

D. Cluster failover paths

Correct Answer: C

QUESTION 13

What are two advantages of IP storage networking? (Choose two)

A. greater security exposure

B. lower cost infrastructure

C. can use existing network management tools

D. lower CPU overhead

Correct Answer: BC

QUESTION 14

Which method protects data by maintaining separate copies of the data on two or more disks?

A. backup to disk

B. mirroring

C. parity RAID

D. NDMP

Correct Answer: B

QUESTION 15

Which classification of storage virtualization is implemented in the storage array?

A. file/record virtualization

B. file system virtualization

C. disk virtualization

D. sector virtualization

Correct Answer: C

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