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Exam : S10-101

**Title : Snia Storage Network
Foundations Exam**

Version : DEMO

1.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.

Correct:C

2.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:C

3.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 of the 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.

Correct:C

4.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

Correct:C

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

- A.Uses existing Ethernet technologies.
- B.Supports up to 126 devices.
- C.Lowers propagation delay.
- D.Leverages system administrator knowledge.

Correct:A D

6.What is the basic order of a snapshot creation process?

- A.flush file system, take snapshot, backup the volume, release the application
- B.flush file system, quiesce the application, take snapshot, backup the volume
- C.quiesce the application, flush file system, take snapshot, backup the volume
- D.flush file system, quiesce the application, flush the file system, take snapshot, backup the volume

Correct:C

7.What might be considered the most important criteria when designing an OLTP implementation for a financial services customer?

- A.data integrity
- B.data redundancy
- C.disk latency of less than 15ms
- D.high availability

Correct:A

8.Which two RAID types use parity for data protection? (Choose two.)

- A.RAID 0
- B.RAID 1
- C.RAID 3
- D.RAID 5
- E.RAID 10

Correct:C D

9.Which two have World Wide Names? (Choose two.)

- A.switches
- B.disk arrays
- C.zone sets
- D.servers
- E.HBAs

Correct:A E

10.What is the maximum distance of a 50-micrometer multimode fiber with a 850nm shortwave laser at 1 Gbps?

- A.500 meters
- B.300 meters
- C.150 meters
- D.70 meters

Correct:A

11.Common enterprise tape cartridges such as LTO or DLT contain which components?

- A.leader pin, write protect switch, supply reel, access door
- B.leader pin, read/write head assembly, supply reel, access door
- C.leader pin, write protect switch, supply reel, pickup reel
- D.leader pin, read/write head assembly, supply reel, pickup reel

Correct:A

12.What is the function of the "head" on the disk drive?

- A.It is used to read or write data onto the disk media.
- B.It is used to seek to the area where the requested data is located.
- C.It is where the data is stored or retrieved.
- D.It is a standard unit of measurement on the disk media.

Correct:A

13.Which tier provides highest availability and highest performance?

- A.tier 4
- B.tier 3
- C.tier 2
- D.tier 1

Correct:D

14.What is the maximum throughput of a 4 phy SAS wide port that has 3 Gbps links?

- A.300 MBps
- B.1200 MBps
- C.1800 MBps

D.2400 MBps

Correct:D

15.What is a common type of symmetric key ciphering when securing stored information?

A.DEC

B.AES

C.Turing

D.SSL

Correct:B

16.What describes RAID 0?

A.mirroring

B.parallel access with parity

C.striping

D.independent access with interleaved parity

Correct:C

17.Which two are common characteristics of DAS? (Choose two.)

A.direct access to data is available from single server

B.only available through SCSI/SAS interfaces

C.storage capacity is captive to a single server

D.storage is accessible by any host anywhere on the network

E.attached to the host computer by a switch

Correct:A C

18.Which hardware component provides the interface between the storage network and the server backplane?

A.gigabit link module

B.interposer card

C.inter-switch link

D.host bus adapter

Correct:D

19.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:B C

20.Which is considered tier 2 storage in a datacenter with three (3) storage tiers?

A.tape vault

B.Fibre Channel disk array with dual controllers

C.Nearline storage

D.intelligent storage virtualization

Correct:C