



S10-101^{Q&As}

Snia Storage Network Foundations Exam

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QUESTION 1

What happens when a Data Disk drive which has the ability to operate at 1.5 and 3.0 Gbps is plugged into a SAS expander port with the ability to operate at 3.0 and 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 2

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 15 ms
- D. High availability

Correct Answer: A

QUESTION 3

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 4



What are two advantage of NAS (Choose two)

- A. is not limited to the throughput of the LAN
- B. is appropriate for block level access
- C. uses existing network infrastructure
- D. more scalable and flexible than DAS
- E. is not impacted by traffic on the LAN

Correct Answer: CD

QUESTION 5

More than one backup instance has run. Given the same data set, which backup would be larger since the last full backup?

- A. incremental
- B. differential
- C. copy-on-write snapshot
- D. ILM snapshot

Correct Answer: A

QUESTION 6

Where is LUN masking is performed?

- A. Fibre Channel Switch
- B. Disk Controller
- C. Network Interface Card
- D. Fibre Channel Director

Correct Answer: B

QUESTION 7

What describes RAID 0?

- A. mirroring



- B. parallel access with parity
- C. striping
- D. independent access with interleaved parity

Correct Answer: C

QUESTION 8

What is the service provided by a disk array?

- A. SAN management services
- B. zoning services
- C. virtualizing physical storage devices
- D. name services

Correct Answer: C

QUESTION 9

What is the maximum distance of a 50- micrometer multimode fibre with a 850nm shortwave laser at 2 Gbps?

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

Correct Answer: B

QUESTION 10

Which statement describes a RAID array?

- A. Collection of disks in a single enclosure
- B. Collection of disks with a controller that provides mirroring functionality
- C. a pair of controllers that provides cache, striping, and virtualization services
- D. collection of Fiber Channel disks in a single enclosure



Correct Answer: B

QUESTION 11

How many zone sets can be active in a fabric at a single time?

- A. one
- B. two
- C. three
- D. unlimited

Correct Answer: A

QUESTION 12

What are two protocol options for transporting Fibre Channel over an IP network? (choose two)

- A. FCIP
- B. FCAL
- C. SES
- D. iSNS
- E. iFCP

Correct Answer: AE

QUESTION 13

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

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

Correct Answer: A

QUESTION 14

Which statement describes archiving?



- A. Archiving is implemented for UNIX-based mail systems.
- B. Archiving provides copies of current data to be used in the event of a disaster
- C. Archiving selectively stores frequently used files and data on high performance media
- D. Archiving stores infrequently used files and data on lower performance media

Correct Answer: D

QUESTION 15

Which statement describes the "cylinder" in the disk drive?

- A. where the data is stored or retrieved
- B. Used to read or write data on to the disk media
- C. Used to seek to the area where the requested data is located
- D. A group of concentric slices through the physical disks.

Correct Answer: D

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