



000-389

IBM TotalStorage Networking and Virtualization Architecture, Version 2

Exam number/code: 000-389

Exam name: IBM TotalStorage Networking and Virtualization Architecture, Version 2

Questions & Answers: 155 Q&A

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Question 1:

TestKing.com has a Brocade SAN implemented. The SAN supports a mix of Solaris and AIX systems as well as IBM TotalStorage FAStT disks. The customer is interested in a Cisco MDS SAN Volume Controller solution. What must be done to integrate the Cisco SVC into their SAN fabric?

- A. Upgrade their AIX systems to AIX 5.2 and plug the Cisco SVC into their existing fabric.
- B. Obtain RPQ, set all switches to interop mode and reboot all switches and servers.
- C. Connect the Cisco SVC to their SAN fabric and re-boot all the switches.
- D. Simply plug the Cisco SVC into the SAN fabric and reboot the servers.

Answer: B

Question 2:

Which of the following communication methods is used by the IBM Tivoli SAN Manager to perform problem determination over a SAN?

- I. In Band
- II. Out of Band
- III. Infiniband

- A. I only
- B. III only
- C. I and II only
- D. II and III only

Answer: C

Question 3:

TestKing.com is using multiple Windows 2000 and UNIX servers in a file-sharing environment. There is a single-engine IBM TotalStorage NAS Gateway 500 directly attached to an IBM TotalStorage FAStT700 Storage Server. The customer wants a solution with higher throughput and higher availability. Which of the following would be the best solution for this customer?

- A. Add more Gigabit Ethernet cards to the NAS Gateway.
- B. Upgrade to a dual engine NAS Gateway.
- C. Attach critical servers to a SAN.
- D. Attach critical servers directly to the IBM FAStT700.

Answer: B

Question 4:

TestKing.com wants to implement a SAN that requires backup for remote sites. Which of the following would have the greatest impact on the cost of implementing the SAN?

- A. Heterogeneous server environments
- B. Several storage management applications
- C. Remote locations greater than 10 kilometers
- D. Consolidation costs of direct attached storage

Answer: C

Question 5:

What performance benefit is provided by a Fibre Channel switch when compared to a Fibre Channel hub?

- A. Larger frame sizes
- B. Aggregate throughput
- C. Arbitrated access
- D. Lower latency

Answer: B

Question 6:

TestKing.com plans to install an enterprise SAN to share storage resources between multiple application servers operating on multiple Intel-based server and UNIX server platforms. What is the best connectivity option for this situation?

- A. iSCSI
- B. SANergy
- C. A storage subsystem with Fibre Channel Adapters
- D. An IBM TotalStorage NAS 500 Gateway

Answer: C

Question 7:

TestKing.com needs to add 2 TB of useable disk storage to their SAN. They require RAID 1 or RAID 10 disk arrays to meet their performance needs. They will implement remote copy to a disaster recovery site 10 kilometers away. They expect to have over 100 source volumes to copy. Which of the following solutions would best meet this customer's needs?

- A. IBM TotalStorage SAN Volume Controller with the HDS 9920
- B. IBM TotalStorage FAST600 Turbo Storage Server
- C. IBM TotalStorage FAST900 Storage Server
- D. IBM TotalStorage SAN Volume Controller, with the IBM ESS or IBM FAST

Answer: D

Question 8:

TestKing.com has five Oracle servers with 500 GB of data in "RAW" devices. All of the following solutions could be used EXCEPT

- A. iSCSI
- B. Direct Attached Storage
- C. Network Attached Storage
- D. Storage Area Network

Answer: C

Question 9:

To achieve high availability requirements and no single point of failure or latency, TestKing.com might choose a McDATA Intrepid 6064 Director over two IBM TotalStorage SAN Switches (2109-F16) for which of the following reasons?

- A. The 2109-F16 has no redundant power supplies.
- B. The McDATA Director has faster failover from certain component failures.
- C. There is a requirement for loop support.
- D. The cost is lower.

Answer: B

Question 10:

Which of the following technologies is LEAST suited to a database application running on raw logical volumes?

- A. Storage Area Network
- B. Direct Attached Storage
- C. Network Attached Storage
- D. iSCSI

Answer: C

Question 11:

TestKing.com has a major investment in the IBM TotalStorage Serial Disk System 7133 and various SCSI RAID controllers. What would be the recommended process for migrating data from the existing AIX environment to a Fibre Channel SAN?

- A. Utilize PPRC.
- B. Execute "cp" UNIX command.
- C. Use Logical Volume mirroring.
- D. Implement an IBM TotalStorage SAN Volume Controller.

Answer: C

Question 12:

Which of the following is NOT a business driver for SAN?

- A. More efficient utilization of storage assets
- B. Reduction of management cost
- C. Long-term scalability
- D. SAN implementation costs

Answer: D

Question 13:

The key offering of the IBM TotalStorage SAN File System is:

- A. A single global name space for centralized file management
- B. A single naming standard for SAN files
- C. Central access to all storage devices in a SAN
- D. SAN failure reverts data flow to IP

Answer: A

Question 14:

An IBM TotalStorage SAN File System (SFS) with 50 TB of IBM TotalStorage Enterprise Storage Servers has been sold to TestKing.com. Which of the following would best reduce risk at installation time?

- A. Include installation services for free.
- B. Conduct a solutions assurance review and invite the customer to participate.
- C. Provide a copy of the planning and installation guide to the customer.
- D. Provide an IBM CE for installation on-site.

Answer: B

Question 15:

TestKing.com has purchased an IBM TotalStorage SAN Volume Controller (SVC) solution from a Business Partner. Regarding the physical installation, which of the following is LEAST important to complete?

- A. Conduct a pre-install Solution Assurance Review (SAR) with Business Partner, IBM, and customer.
- B. Upgrade of host, SAN, and disk server code to SVC supported levels.
- C. Complete the customer training for SVC administrators.
- D. Provide power, LAN, and SAN connectivity.

Answer: C

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000-113	000-111	000-601	000-600	000-665
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