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Exam : **000-208**

Title : Open Systems Storage Solutions Version 6

Version : DEMO

1. A customer reports that its application, an Oracle database, is running queries rather slowly after migrating the application over to an IBM System Storage DS4800. What should the storage specialist recommend that the customer do first to help resolve the performance issue?
A. monitor the cache hit ratio for the array being used by the application
B. reallocate the stripe size of the array for better performance
C. monitor the array using the Performance Monitor to determine the issue
D. change the RAID level of the array for better performance
Answer: C

2. A customer has two SAN islands. One SAN consists of two IBM TotalStorage 2109-M48 redundant fabrics with server access to IBM System Storage DS4700 disk in production. The other SAN consists of two 2109-F16
redundant fabrics with server access to IBM System Storage DS4300 disk in development. The customer plans to migrate the data residing in the DS4300 to the DS4700 and keep the SANs separate. Which is the least disruptive
and most cost-effective solution for connecting the two SAN islands?
A. add SAN18B-R
B. add a backbone SAN256B
C. add switch ISL trunking
D. add Cisco 9216A
Answer:A

3. A client who recently installed an IBM System Storage DS4800 for Exchange is now interested in adding a new high performance, data warehouse application to the disk system. Which configuration on the DS4800 provides the best possible performance for the data warehouse application?
A. RAID 5 and a large segment size
B. RAID 1 and a small segment size
C. RAID 5 and default cache block size
D. RAID 1 and 32k cache block size
Answer:A

4. A customer owns a 500 GB usable RAID 5 SCSI disk subsystem attached to a single host and wants to increase data throughput, reliability, availability, and serviceability. Cost is a significant consideration. Which solution meets the customer's requirements?
A. convert the RAID 5 subsystem to a RAID 1 subsystem
B. convert the existing subsystem to dual-attached SCSI
C. replace the existing subsystem with an IBM System Storage DS4000
D. replace the existing subsystem with an IBM System Storage DS3000
Answer: D

5. When an Oracle database is not cache friendly and has a high number of writes, which disk technology provides the best performance on the IBM System Storage DS6800?
A. 73 GB 10K RPM disk drives
B. 73 GB 15K RPM disk drives

C. 146 GB 10K RPM disk drives
D. 146 GB 15K RPM disk drives
Answer: B

6. A customer is adding an IBM System Storage DS4800 for a new Exchange 2003 e-mail solution to meet the following requirements:
-- 20% yearly growth
-- 2,500 mailboxes
-- approximately 50/50 mix of read/write operations
The storage specialist has been asked to model this configuration using the expected workload to verify the solution.
What is needed to start modeling?
A. 73 GB 15K RPM drives
B. the size of the users' Exchange mailbox
C. the number of servers running Exchange
D. Jetstress tool that will be used to emulate the Exchange environment
Answer: B

7. A customer currently has an IBM System Storage DS4300 and an EMC CX500 installed in its data center that provides storage capacity for existing Windows servers. The customer wants to preserve its investment in these
systems by implementing an IBM System Storage SAN Volume Controller to virtualize the storage. What must the customer do with regard to its multi-path I/O drivers for the Windows servers?
A. The customer needs to use RDAC to manage the multiple redundant paths for the DS4300 and the CX500.
B. The customer needs to migrate to PowerPath to manage the multiple redundant paths for the DS4300 and the
CX500.
C. The customer needs to use RDAC for the DS4300 and PowerPath for the CX500 to manage the multiple
redundant paths.
D. The customer needs to migrate to SDD to manage the multiple redundant paths for the DS4300 and the CX500.
Answer: D

8. IBM LTO Ultrium 4 technology has which of the following characteristics?
A. 200 GB capacity per tape and 40 MB per sec data throughput
B. 400 GB capacity per tape and 80 MB per sec data throughput
C. 500 GB capacity per tape and 100 MB per sec data throughput
D. 800 GB capacity per tape and 120 MB per sec data throughput
Answer: D

9. When a customer has a critical situation, who on the IBM team is the central point of contact to organize resources to fix the problem?

A. Client Representative
B. Customer Support Representative
C. Field Technical Sales Support
D. Customer Engineer
Answer: B

10. A customer wants to mix Windows and AIX servers on the same SAN. What does the customer need to ensure success?
A. the correct number of ports on the SAN switches
B. the proper size disk drives
C. sufficient disk drives for each server
D. zoning of the SAN switches
Answer: D

11. A customer has several Intel-based servers with local attached disk. They recently installed an IBM System Storage DS8100 attached to two UNIX servers for a database application. The customer is now interested in evaluating duplicate files in their Intel environment. Which IBM product best meets the customer's requirement?
A. IBM TotalStorage Productivity Center for Data
B. IBM TotalStorage Productivity Center for Disk
C. IBM TotalStorage Productivity Center for Fabric
D. IBM Tivoli Storage Manager
Answer:A

12. What is the function of the IBM Remote Support Manager (RSM)?
A. monitors system status and e-mails the customer when problems occur
B. monitors system status and pages the customer when problems occur
C. monitors the system environment and provides control of power, fan, and controller activities
D. monitors system health and automatically notifies the IBM Support Center via e-mail when problems occur
Answer: D

13. Which resource makes it possible for new configurations to be supported by IBM?
A. Request Detail Document (RDD)
B. Request for Information (RFI)
C. Request for Price Quotation (RPQ)
D. Request a Letter 112
Answer: C

14. A customer has ten servers including Windows, Solaris, and AIX that need direct access to a single-tape
solution. Which tape solution is the most cost-effective way to meet this requirement?
A. IBM System Storage TS1120 Tape Drive
B. IBM System Storage TS3200 Tape Library

C. IBM System Storage TS3500 Tape Library
D. IBM System Storage TS2340 Tape Drive
Answer: C

15. A customer must take one of their IBM System Storage DS4000 storage servers offline for maintenance. The server is being used in an IBM System Storage SAN Volume Controller (SVC) environment. What should be done to ensure that there is no impact on the customer's applications?
A. identify all of the servers attached to the SVC, and take them offline during the DS4000 maintenance update
B. dynamically migrate the vdisks associated with the DS4000 server to a separate storage server, then perform maintenance
C. consider that SVC will automatically failover and failback to compensate for this type of situation
D. reassign the mDisks from this DS4000 server to another storage pool within the SVC during the maintenance update to maintain continuous access to data
Answer: B

16. A customer currently has multiple Sun Solaris servers and wants 500 GB of new storage capacity to be partitioned among these processors. The storage will replace older Fibre Channel disks currently attached to the Sun processors. The customer is migrating the Sun systems to HP-UX platforms in a few months and wants to preserve as much of the new disk subsystem investment as possible at that time. If cost is a primary consideration, which IBM storage system is the preferred choice?
A. IBM System Storage N5200 Gateway
B. IBM System Storage DS4700
C. IBM System Storage SAN Volume Controller
D. IBM System Storage DS6800
Answer: B

17. A customer has three Microsoft Windows 2003 servers, each with 100 GB of data. It is recommended that an IBM Tivoli Storage Manager disk pool of storage be used for daily backups. Assuming a 10% change rate with daily migration to tape, within the ranges below what is the minimum amount of disk space that needs to be added
to the IBM Tivoli Storage Manager server?
A. 10 GB
B. 50 GB
C. 150 GB
D. 450 GB
Answer: B

18. Which IBM Tivoli Storage Manager (TSM) feature differentiates TSM from competitive backup software products?
A. management of IBM and non-IBM tape libraries
B. progressive backup
C. effective management of large disk pools
D. support for servers, desktops, and laptops

Answer: B

19. A distributor is planning to open five locations, with each location requiring a local nightly backup of 1 TB of data from a Sun server. Performance and cost are key requirements. Which is the best solution?
A. IBM System Storage TS1030 Tape Drive
B. IBM System Storage TS1120 Tape Drive
C. IBM System Storage TS3100 Tape Library
D. IBM System Storage TS3310 Tape Library
Answer: C

20. What is the maximum distance that an IBM System Storage DS4000 can be mirrored without the use of channel extenders?
A. 5 kilometers (3 miles)
B. 10 kilometers (6 miles)
C. 100 kilometers (62 miles)
D. 300 kilometers (186 miles)
Answer: B