

Exam : IBM 000-208

**Title : Open Systems Storage
Solutions Version 6**

Version : Demo

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1. To meet new service level agreements, a customer must have 38,000 IOPS available for its database. The customer currently uses an IBM System Storage DS4300 with 112 15K, 146 GB drives.

Which solution should cause the least disruption to the customer?

- A. IBM System Storage DS4800
- B. IBM System Storage N5500
- C. IBM System Storage DS6800
- D. IBM System Storage DS8100

Answer: A

2. A customer has a write I/O intensive application.

What has the greatest effect on performance?

- A. swapping out to a larger drive size
- B. memory in server
- C. disk drive spindles
- D. cache in the disk subsystem

Answer: C

3. What is the maximum capacity of a single-engine fully configured DR550 with 750 GB SATA II drives and a fully configured TS3310 tape library with LT04 drives?

- A. 316 TB
- B. 168 TB
- C. 484 TB
- D. 856 TB

Answer: C

4. A customer is interested in updating its infrastructure to provide data replication capabilities between the corporate offices and a sales office 900 km (540 miles) away. The customer currently has both UNIX and Microsoft Windows 2003 servers sharing storage resources. Some applications are very response-time sensitive.

Which replication solution is best for this customer?

- A. IBM System Storage DS6800 with Metro Mirror
- B. IBM System Storage DS4800 with Metro Mirror
- C. IBM System Storage DS4800 with FlashCopy
- D. IBM System Storage DS6800 with Global Mirror

Answer: D

5. Which is a competitive advantage of the IBM System Storage DS4000 MetaData?

- A. The MetaData is stored across all drives in the system.
- B. The MetaData is stored on the first five drives in the system.
- C. The MetaData must be stored on FC drives.
- D. The MetaData is stored in the controller, thereby freeing up additional drive space.

Answer: A

6. When the IBM System Storage DS4000 Remote Mirroring premium feature is activated, how many Mirror Repository logical drives are created per subsystem?

- A. 0
- B. 1
- C. 2
- D. 4

Answer: C

7. A customer wants to use IBM Tivoli Storage Manager to back up five Microsoft Windows 2003 file and print servers and is asking for advice on storage. The customer's anticipated daily backup increment is approximately 10 GB, which represents 1% of all of the customer's data. The customer also anticipates an average retention period of 60 days. The customer makes off-site storage pool backups daily and sends database backups off-site.

What is the minimum amount of tape capacity needed?

- A. 0.6 TB
- B. 1 TB
- C. 3 TB

D. 5 TB

Answer: C

8. 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

9. A customer will be using an IBM System Storage DS4000. The customer requires the highest performance for the database server.

Which hardware RAID technology should be recommended to this customer?

- A. RAID 3
- B. RAID 5
- C. RAID 10
- D. RAID 50

Answer: C

10. A customer has a requirement for 8 TB of data to be stored on tape. The customer wants the most cost-effective automated LTO3 solution.

Which solution meets the customer's requirements?

- A. IBM System Storage TS3310 Tape Library
- B. IBM System Storage TS3200 Tape Library
- C. IBM System Storage TS3100 Tape Library
- D. IBM System Storage TS1030 Tape Drive

Answer: C

11. A customer has a requirement for 4 TB of native data to be stored on an automated tape library. The customer wants a solution that can address the challenges of tape drive capacity, speed, and planned growth of 50% per year for five years. Cost is also a consideration.

Which solution best meets the customer's requirements?

- A. IBM System Storage TS3200 Tape Library
- B. IBM System Storage TS3310 Tape Library
- C. IBM System Storage TS3100 Tape Library
- D. IBM System Storage TS3500 Tape Library

Answer: A

12. A customer plans to complete migration of mainframe database applications to System p servers within the next six months. The customer has an immediate requirement for an additional 20 TB of usable disk space for the System p servers. IBM, HP, Dell, and Sun have been invited to bid on this opportunity.

Which disk product provides the most cost-effective solution?

- A. IBM System Storage DS3000
- B. IBM System Storage DS4000
- C. IBM System Storage N3700
- D. IBM System Storage DS6000

Answer: B

13. 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

14. A customer is considering the purchase of an IBM System Storage DS4800 to accommodate future

growth for a critical application. The customer has questions about the administration of the storage system.

Which interface will be used for set up and administration of the storage system?

- A. iSCSI port
- B. Ethernet port
- C. serial port
- D. SAS port

Answer: B

15. What differentiates an IBM System Storage TS3200 Tape Library from an IBM System Storage TS3310 Tape Library for an open-system environment?

- A. standalone or rack mounted
- B. support for TS1120 tape drives
- C. logical library sharing
- D. upgradeable storage slot capacity

Answer: D

16. A customer has 600 GB of data that needs to be backed up on a nightly basis between midnight and 1:30 a.m. The customer has a direct-attached IBM System Storage TS3500 Tape Library.

What is the minimum number of TS1030 drives (without compression) required to accomplish this?

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

Answer: B

17. Which product is used to maintain accurate information about a customer's storage utilization?

- A. IBM TotalStorage Productivity Center for Disk
- B. IBM System Storage Data Retention 550
- C. IBM System Storage SAN Volume Controller

D. IBM TotalStorage Productivity Center for Data

Answer: D

18. A new client currently has a multi-tier storage environment consisting of EMC's DMX subsystems. They have expressed displeasure with the high costs of TimeFinder and additional disks in the DMX systems. Which of the following would provide the lowest cost alternative for providing instant copies of the DMX LUNs for backups?

- A. DS4700 with Fibre Channel drives and Enhanced Remote Mirroring
- B. DS4800 with SATA drives, Enhanced Remote Mirroring, and FlashCopy
- C. SVC with FlashCopy and a DS4200 with SATA drives
- D. SVC with FlashCopy and a DS4700 with Fibre channel drives

Answer: C

19. The DR550 solution is comprised of a DS4000 with SATA drives, Tivoli System Storage Archive Manager, and which of the following?

- A. System x running Red Hat Linux
- B. System x running Windows 2003
- C. System p running Linux
- D. System p running AIX

Answer: D

20. Which of the following is the advantage of the IBM System Storage DS4800 Model 80 over the DS4700 Model 72?

- A. Allows for more cache memory
- B. Reduces processing power from the device adapters
- C. Allows for more drives
- D. Minimizes the interconnect bandwidth utilization between clusters

Answer: C

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