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# **Q&A**

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**Exam** : **000-747**

**Title** : Open Systems Storage  
Solutions Version 5

**Version** : DEMO

**1.A customer has a number of Microsoft Windows servers that are out of PCI slots. They need to access a common fibre channel storage pool. Which product should be recommended to connect the Windows servers?**

- A.IBM TotalStorage SAN04M-R
- B.IBM TotalStorage SAN16M-2
- C.IBM TotalStorage SAN16B-2
- D.Cisco MDS 9020

**Correct:A**

**2.A customer has reviewed the Storage Specialist's proposal for a centralized disk solution supporting Sun, HP, Intel, IBM System p5 and System i servers. The customer's feedback indicates that the solution exceeds their budget. They also indicate that they have signed an agreement outsourcing their System i applications. Which of the following would be the most appropriate change to the proposal?**

- A.Reduce the amount of the disk configured in the subsystem.
- B.Reduce the amount of disk configured in the subsystem and reduce the SAN port count.
- C.Reduce the amount of disk configured, change the subsystem to IBM System Storage DS6800 and reduce the SAN port count.
- D.Reduce the amount of disk configured, change the subsystem to IBM System Storage DS4000 and reduce the SAN port count.

**Correct:D**

**3.Which of the following is a feature of all IBM System Storage Ultrium tape drives?**

- A.Statistical Analysis and Reporting System
- B.Native switched fabric Fibre Channel interface
- C.WORM Tape
- D.64 MB buffer

**Correct:A**

**4.Which of the following is an accurate characterization of the cache implementation in an IBM TotalStorage DS8100?**

- A.Doubling cache size generally doubles the cache hit rate
- B.New/changed data written to cache is protected by a copy in another cache
- C.Read cache is protected by a battery against loss of external power for 48 hours
- D.Cache is designed to improve the performance of applications with poor locality of reference

**Correct:B**

**5.An existing mainframe client wants to implement a new tape infrastructure for open system backup that could be enhanced later to add support for mainframe backups. Which of the following configurations would address their needs at the lowest initial cost?**

- A.3584-L23, 3584-D23, with four TS1120s
- B.3584-L53, 3584-D53, with four TS1030s
- C.3584-L23, 3584-D23, with four TS1030s
- D.3584-L53, 3584-D53, with four TS1120s

**Correct:B**

**6.A customer has 600 GB of data that needs to be backed up on a nightly basis, between midnight and 1:30 a.m. With a direct attached IBM System Storage TS3500 Tape Library, what is the minimum number of TS1030 drives (without compression) theoretically required?**

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

**Correct:B**

**7.When choosing between an IBM System Storage TS3200 Tape Library and an IBM System Storage TS3310 Tape Library for an open system environment, which requirement differentiates the two libraries?**

- A.Standalone or rack mounted
- B.Support for TS1120 tape drives
- C.Logical library sharing
- D.Upgradeable storage slot capacity

**Correct:D**

**8.A customer wants to migrate their database off of EMC and has agreed to purchase an IBM solution if it can be shown to meet their throughput requirements. What is the appropriate next step?**

- A.Calculate the expected performance based upon published throughput values.
- B.Describe the architecture of the IBM solution explaining why it is superior to the EMC solution.
- C.Make arrangements to benchmark an IBM System Storage solution at the IBM Benchmark center.
- D.Call the IBM SupportLine and request throughput calculations based upon the proposed solution.

**Correct:C**

**9.A customer has an IBM System Storage DS4700 Storage Server. What is the maximum number of expansion drawers that can be attached?**

- A.3
- B.6
- C.7
- D.14

**Correct:B**

**10.A customer has an IBM TotalStorage DS4300 Storage Server and an IBM TotalStorage DS8300. Their application is on the DS8300. They would like to use FlashCopy to reduce their backup window; however, the DS8300 is near 100% capacity. Which IBM product would provide the best solution?**

- A.IBM Tivoli Storage Manager for Advanced Copy Services
- B.IBM Tivoli Storage Manager for Space Management
- C.IBM TotalStorage SAN Volume Controller
- D.IBM TotalStorage Productivity Center for Disk

**Correct:C**

**11.When selecting an LTO3 automated tape solution for cost-effective storage of 36 TB of mpeg data using IBM Tivoli Storage Manager for Space Management, which of the following is the most appropriate choice?**

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

**Correct:C**

**12.An installation has multiple heterogeneous hosts, each with its own disk storage. Which of the following is the most significant benefit of consolidating this storage into a single IBM System Storage DS6800 Storage Server?**

- A.Higher data capacity
- B.Higher maintenance cost
- C.More efficient hierarchical storage management
- D.Better utilization of disk capacity

**Correct:D**

**13.Which of the following is a characteristic of the IBM System Storage SAN Volume Controller?**

- A.Requires an agent on each server
- B.Requires no special zoning
- C.Provides dynamic data migration capabilities
- D.Provides "Out-of-Band" performance

**Correct:C**

**14.A customer has servers directly accessing 2105-800 LUNs. They plan to migrate the data onto existing SVC with backend DS8100. Which of the following is the best migration path to consider?**

- A.Image mode vdisk
- B.FlashCopy
- C.Metro Mirror
- D.Piper migration

**Correct:A**

**15.A customer has several IBM System p servers with multiple Fibre Channel adapters attached to an IBM System Storage Enterprise Storage Server. Which of the following provides alternate path failover and load balancing?**

- A.Logical Volume Manager
- B.Multi Path I/O
- C.IBM System Storage TCP for Data
- D.Redundant Disk Array Controller

**Correct:B**

**16.The IBM TotalStorage DS4300 Storage Server without Turbo feature can be configured to have up to a maximum of how many EXP710 disk expansion drawers?**

- A.1
- B.3
- C.7
- D.8

**Correct:B**

**17.During the Systems Assurance Product Review (SAPR) process for an IBM TotalStorage DS6800 Storage Server, which of the following tasks will the storage technical specialist most likely perform?**

- A.Discuss how to configure the HMC
- B.Discuss how to configure the LPARs
- C.Manage customer resources
- D.Discuss the site requirements

**Correct:D**

**18.A customer reports that their application, an Oracle database, is running queries rather slowly after migrating the application over to an IBM System Storage DS4700 Storage Server. What should the storage specialist recommend that the customer do first to help resolve the performance issue?**

- A.Change the cache size for the array being used by the application.
- B.Change the stripe size of the array for better performance.
- C.Monitor the array using the Performance Monitor to help determine the issue.
- D.Change the RAID level of the array for better performance.

**Correct:C**

**19.A customer has Veritas NetBackup installed and is complaining about restore times for multiple files. Which of the following IBM Tivoli Storage Manager features will provide the right solution for the customer problem?**

- A.Collocation
- B.Compression
- C.Migration
- D.Subfile Backup

**Correct:A**

**20.After a long competitive sales cycle, the customer has decided to implement their first centralized storage solution on the IBM System Storage DS4800 Storage Server. To help ensure a successful installation, which of the following should be proposed as part of the solution?**

- A.Service Alert
- B.Business Continuance Services
- C.3-Year Warranty Service Upgrade
- D.Planning and Implementation Services

**Correct:D**