



Exam Code: HP0-J24

Exam Name: Designing and Implementing HP Enterprise
Backup Solutions

Vendor: HP

Version: DEMO

Part: A

1: Which document should be used to identify supported operating systems, storage systems, and server rules that are used with the EBS in a heterogeneous operating system SAN?

- A.EBS Design Guide
- B.HP Product Bulletin
- C.EBS Compatibility Matrix
- D.HP Storage Works SAN Design Guide

Correct Answers: A

2: Which library would you choose for a customer who has a small EVA data center with growing amounts of data?

- A.EML71e
- B.ESL9322
- C.MSL6060
- D.ESL E-Series

Correct Answers: A

3: A customer is considering implementing a disk-based backup solution. What are the benefits of a virtual library system compared to an application-based, write-to-disk environment? (Select three.)

- A.no device side data compression
- B.sets up and looks like a physical library
- C.storage efficiency gained through compression
- D.free or licensed per TB in most backup applications
- E.hardware devices tuned for sequential read and write operations
- F.easy configuration by RAID groups, LUNs, volumes, and file systems

Correct Answers: B C E

4: A customer is running an EVA-based Near-Online backup and restore solution that is no longer meeting their performance and space requirements. What is a possible solution?

- A.Implement an HP Polyserve cluster.
- B.Add more spindles to the SATA pool.
- C.Implement a Virtual Library System solution.
- D.Use EVA File Services as the Near-Online Disk.

Correct Answers: C

5: Which resource indicates if backup products are supported in the customer's environment?

- A.Sales Builder
- B.HP StorageWorks EBS Design Guide
- C.HP StorageWorks EBS Compatibility Matrix
- D.Deal Exception Hardware and Software Matrix

Correct Answers: C

6: What is a benefit of a disk-to-disk-to-tape backup configuration in an Enterprise Backup Solution?

- A.The backup application backs up the primary disk data to the staging disk, allowing for quick restores of single files.
- B.The backup data are copied to a host-managed, low-cost disk to facilitate restores and enable short term archival storage.
- C.All file transfers are controlled by the storage system software, and transfer to tape occurs through servers that send the data.
- D.Because the speed of staging disks is much higher than the tape speed, the window for disk-to-disk-to-tape backup shrinks dramatically.

Correct Answers: A

7: Who is a typical candidate for an HP StorageWorks VLS12000 Gateway?

- A.a customer with cost or rack space concerns
- B.a customer who relies on EVA or wants to re-provision EVAs between Block and Backup use models
- C.a customer who wants ease of management through an appliance model with no array management requirements
- D.a customer who wants to accelerate backup and recovery of slow SAN servers in small to medium enterprise environments

Correct Answers: B

8: You are designing an Enterprise Backup Solution and calculating the quantity of retained media. What is the formula for calculating the capacity of each tape?

- A.Tape Capacity = native capacity x total data
- B.Tape Capacity = total data x compression ratio
- C.Tape Capacity = native capacity x compression ratio
- D.Tape Capacity = compression ratio x incremental data size

Correct Answers: C

9: Which solution obtains maximum capacity from a VLS9000?

- A.one VLS9000 array for every VLS9000 node installed
- B.two VLS9000 arrays for every VLS9000 node installed
- C.four VLS9000 arrays for every VLS9000 node installed
- D.eight VLS9000 arrays for every VLS9000 node installed

Correct Answers: B

10: What is an advantage of an Extended Tape Library Architecture for a customer with a SAN environment?

- A.It enables automatic failover of tape libraries.
- B.It simplifies setup and configuration of tape libraries.
- C.It allows grouping of physical libraries to form one Virtual Tape Library.
- D.It provides a higher throughput from disk to tape, using multiple Fibre Channel interfaces in parallel.

Correct Answers: B

11: Which drive type is configured in an MSL4048 Tape Library to get a maximum transfer rate of 2.3TB/hr?

- A.LTO-3 Ultrium 920 (four drives)
- B.LTO-3 Ultrium 960 (two drives)
- C.LTO-4 Ultrium 1760 (four drives)
- D.LTO-4 Ultrium 1840 (two drives)

Correct Answers: C

12: A backup environment is being designed for a customer who requires a library that can expand to 4 Ultrium 1760 drives and have a minimum of 40 slots with all mail slots enabled. Which library meets the customer's requirements in the most cost-effective manner?

- A.EML71e
- B.MSL8096
- C.MSL4048
- D.MSL6060

Correct Answers: B

13: What are the implications of an LTO4 tape drive Back-Hitching?

- A.The drive is reading previous LTO tape versions.
- B.The drive is operating at its optimum performance.
- C.The feed speed from the host is too slow causing the drive to have reduced performance.
- D.More data streams are being sent to the drive because data are being written at a reduced rate.

Correct Answers: C

14: Which HP Virtual Library System provides software compression as a data compression feature?

- A.HP VLS12000 EVA Gateway System
- B.HP StorageWorks 9000 Virtual Library System
- C.HP StorageWorks 6218 Virtual Library System
- D.HP StorageWorks 6653 Virtual Library System

Correct Answers: C

15: A customer has an MSL6060 Tape Library with four tape drives. The library is directly attached to a server with SCSI HBAs and has no cards in the cPCI slots. The customer wants to share the tape library in a SAN environment. Which hardware changes to the library are needed, assuming that all other components in the SAN already exist? (Select two.)

- A.Add a Network Storage Router M2402 to the SAN and connect the tape drives to the router.
- B.Connect a Fibre cable from the existing Library Controller board into a Fibre Channel switch.
- C.Remove the existing Library Controller board and replace it with a Fibre Channel Library Controller board.
- D.Add one e2400-160 Interface Controller into a cPCI slot and connect the tape drives to the Interface Controller.

E.Add two e1200-160 Interface Controllers to the cPCI slots and connect the tape drives to the Interface Controllers.

Correct Answers: A E