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