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Exam : **000-387**

Title : IBM open systems Storage solutions version3

Version : DEMO

1.A customer is purchasing an IBM e Server pSeries four-node cluster to use for a client/server ERP application that will be configured as follows: -- two nodes will be application servers -- two nodes in an HACMP cluster will serve the database The customer will be using an IBM TotalStorage FAStT Storage Server. In order to provide the highest data availability for the database server, which of the following is the most appropriate hardware RAID technology to recommend?

A.RAID 0

B.RAID 1

C.RAID 10

D.RAID 5

Correct:C

2.A customer has a single controller IBM TotalStorage FAStT600 Model 6LU Storage Server. What is the maximum number of expansion drawers that can be attached?

A.0

B.3

C.7

D.16

Correct:A

3.A large enterprise has numerous Intel-based servers with a variety of locally attached IBM 4mm tape drives used for periodic backups. The customer has often been unable to restore data from tape media. Which of the following would provide the customer with the best backup/restore solution?

A.Replace existing tape drives with LTO tape drives in each server.

B.Install an IBM TotalStorage Enterprise Tape Library (3494) with IBM Tivoli LAN free backup.

C.Install an IBM TotalStorage Virtual Tape Server (3494-VTS) with additional virtual drives.

D.Install a IBM Tivoli Storage Manager server with an IBM TotalStorage LTO Ultrium Scalable Library (3583).

Correct:D

4.A customer has an "engineering support system" that is backed up using IBM Tivoli Storage Manager. The system consists of an IBM e Server pSeries and several Windows NT and Netware servers. The IBM Tivoli Storage Manager system runs on an IBM pSeries server to a tape silo. Due to network congestion, the expanding data on the "engineering support system" can no longer be backed up within the time available. The data growth is expected to increase rapidly over the next few months. The recovery time for the IBM pSeries server is currently estimated at 72 hours. Which of the following options would resolve the network problem?

A.Install an IBM TotalStorage NAS Gateway 500.

B.Utilize LAN free backups over the SAN.

C.Install iSCSI to improve block I/O throughput.

D.Increase the number of tape drives within the silo.

Correct:B

5.A customer has a requirement for 2 TB of non-compressible data to be stored on an automated tape library. The customer requires the best compromise between tape drive capacity and speed. Which of the following would be the best technology choice given the customer's requirements?

A.IBM TotalStorage Enterprise Tape Drive (3592-J1A)

B.IBM TotalStorage Enterprise Tape Library (3494) with IBM 3590-H1A drives
C.IBM TotalStorage LTO Ultrium Tape Autoloader (3581)
D.IBM TotalStorage LTO Ultrium2 Scalable Library (3583)
Correct:D

6.A customer plans to increase the storage on a database server. Currently the system consists of a Sun server with 7 x 36.4 GB SCSI disk drives attached on a single bus. Expected growth of data is 70% per year, and performance level must be maintained. Which of the following will provide the customer with the best long-term solution?
A.Add 145 GB SCSI drives to the existing system.
B.Add an IBM TotalStorage FAStT Storage Server.
C.Replace the existing drives with 72.8 GB SCSI drives.
D.Replace the existing drives with an IBM TotalStorage Expandable Storage Plus (2104).
Correct:B

7.A large customer environment consists of 16 Intel-based servers that support electronic mail. The servers have exceeded their disk storage capacity and the customer would like to centralize disk storage. Which of the following solutions should be recommended?
A.IBM TotalStorage NAS Gateway 500
B.IBM TotalStorage SAN Volume Controller
C.IBM TotalStorage FAStT Storage Server
D.IBM Tivoli Storage Manager for Space Management
Correct:C

8.A customer has an IBM e Server iSeries server with SCSI adapters and two IBM e Server pSeries servers with FC adapters. The customer will perform daily backup to a single library. Tape drives and tape pools should be separated from each other. If cost is a key consideration, which IBM TotalStorage library would be the best choice?
A.LTO Ultrium Tape Autoloader (3581)
B.LTO Ultrium Tape Library (3582)
C.LTO Ultrium Scalable Library (3583)
D.LTO Ultrium UltraScalable Tape Library (3584)
Correct:C

9.An application development organization has identified performance requirements for a new application. Which of the following elements would have the LEAST impact on I/O performance?
A.Clock rate of the CPU
B.Number of disk drives
C.Number of I/O processor adapters
D.Amount of system memory
Correct:A

10.A business is expanding its market by supporting order-entry via the Internet and wants to provide continuous access to the new application. Which of the following disk subsystem attributes is most important to achieving this goal?
A.Fibre Channel interface
B.Large cache size
C.Use of RAID 0
D.Use of RAID 5

Correct:D

11.A customer is currently running a mail server application. The customer is interested in expanding the storage subsystem. Which of the following is the most significant consideration?

A.Record size

B.Logical volume partitioning

C.Data security

D.Number of users

Correct:D

12.A customer owns a 150 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 of the following is most likely to satisfy all of these requirements?

A.Convert the RAID 5 subsystem to a RAID 1 subsystem.

B.Convert the existing subsystem to JBOD with additional disk drives.

C.Replace the existing subsystem with an IBM TotalStorage FAStT Storage Server.

D.Replace the existing subsystem with an IBM TotalStorage Enterprise Storage Server.

Correct:C

13.When choosing between an IBM TotalStorage LTO Ultrium Library (3582) and an IBM TotalStorage LTO Ultrium Scalable Tape Library (3583) for an open system environment, which requirement differentiates the two libraries?

A.Standalone or rack mounted

B.SCSI or FC attachment

C.Logical library sharing

D.Upgradeable storage slot capacity

Correct:D

14.Which of the following is a feature of all IBM TotalStorage Ultrium tape drives?

A.Statistical Analysis and Reporting System (SARS)

B.Native switched fabric 2 GB Fibre Channel interface

C.200 GB Native capacity

D.64 MB buffer

Correct:A

15.A customer would like to implement a disk subsystem that provides high data availability at the lowest cost. A storage specialist should recommend which of the following?

A.RAID 0

B.RAID 0+1

C.RAID 1

D.RAID 5

Correct:D

16.Which of the following is a competitive advantage of the IBM TotalStorage FAStT600 Turbo Storage Server compared to FAStT600 Storage Server?

A.FlashCopy option

B.Improved performance regarding I/Os per second

C.Additional host configuration options

D.Better reliability, availability, and serviceability (RAS) characteristics

Correct:B

17.Which of the following attachment cards is used to connect an IBM TotalStorage Enterprise Tape Drive (3590) to an IBM e Server pSeries server?

A.SSA Adapter

B.Ultra3 SCSI RAID Adapter

C.Ultra SCSI Differential Adapter

D.Ultra SCSI Single-ended Adapter

Correct:C

18.A customer is migrating a 600 GB Oracle database from an older IBM e Server pSeries server to a new one. The data is on a 2 TB IBM TotalStorage Enterprise Storage Server (ESS) that is 80% full. What is the easiest way to move the data to the new server?

A.Create new LUNs as targets, perform FlashCopy to those LUNs, and assign the target LUNs to the new server.

B.Use IBM TotalStorage ESS Specialist to assign the existing LUNs to the new server and use AIX LVM importvg to acquire the existing data.

C.Assign new LUNs to the new system, backup the data with the existing tape library, and restore it on the new system.

D.Assign new LUNs to the new system and use FTP to transfer the data to the new system.

Correct:B

19.A customer wants to create an HACMP environment using two IBM e Server pSeries servers. How many Fibre Channel adapters should be used with each server to connect the IBM TotalStorage Enterprise Storage Server (2105)?

A.1

B.2

C.4

D.6

Correct:B

20.EMC, Sun and IBM all claim that they offer the highest performing disk solution. What is the most convincing way for an IBM storage specialist to prove the claim?

A.Review latest Gartner Magic Quadrant report.

B.Call CompeteLine for competitive data.

C.Provide benchmark testing.

D.Provide product datasheet.

Correct:C