HP

Exam HP0-J73

Foundations of HP Storage Solutions

Version: 10.0

[Total Questions: 114]

Question No : 1

A retail company is planning to create a web shop on their website to offer their products and services. They expect a large increase in sales and increased traffic to their website, which will result in increased disk I/O activity. Customer satisfaction is a priority. The website has to respond quickly, providing detailed product information, pictures, and documentation. Their current environment consists of two HP BladeSystem c7000 Enclosures connected to an EVA storage array over a small SAN.

What should you suggest to the customer to meet their requirements?

A. Add more disks to the storage array.
B. Add more memory to their servers.
C. Add more blade servers to the enclosures.
D. Add more HBAs to the servers.

Answer: A

Question No : 2 HOTSPOT

As a storage presales consultant, you are asked to explain the unique features and technologies of HP Product Portfolio to your customer.

Match the feature to the corresponding HP Storage product.

HP 3PAR StoreServ 7400 Storage

HP StoreVirtual VSA Software

HP MSA P2000 G3 Modular Smart Array System

HP StoreVirtual Multi-Site Cluster

HP StoreOnce 6000 Backup System

HP StoreEasy Storage System

HP 3PAR StoreServ 7400 Storage

▾
Failover Manager

Adaptive Optimization

Network RAID, Thin Provisioning Snapshots, 2CPUs

Integrated deduplication

Autonomic Node Failover

Battery-free cache backup with super capacitors and compact flash

HP StoreVirtual VSA Software

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Answer:

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Question No : 3

Which tool provides the ability to export a graphical view of your storage solution?

A. NinjaStars
B. ActiveAnswers
C. HP SalesBuilder for Windows
D. HP Storage Sizer

Answer: D
Reference:

http://h20565.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c03606434

Question No : 4

A customer has an existing HP 3PAR StoreServ array.The customer wants to enable the existing storage to provide highly efficient and consolidated primary storage, as well as information retention with file archiving and object services

Which product provides these features?

A. HP StoreQnce VSA
B. HP StoreEasy 3830 Gateway
C. HP StoreAll 8200 Gateway
D. HP StoreVirtual VSA

Answer: B
Reference:

http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c03605197

Question No : 5

Which HP StoreVirtual feature is unique to the P4900 G2 Storage System?

A. support for hardware RAID 10
B. support for Network RAID 5 only
C. 8Gb FC node connectivity
D. SmartSSD Wear Gauge in CMC

Answer: D

Question No : 6

Scenario:

The consultant is reviewing a customer's storage and backup infrastructure design for a possible upgrade new solution design. The existing environment consists of several HP DL servers connected to HP 24 SAN Switches. An HP Enterprise Virtual Array 4400 is used as storage for their virtualized servers. Some HP D2700 Storage Systems are direct connected to their Windows servers. An HP StoreOnce D2D 4106fc Backup System is used as primary backup target. Once a week backup data copied to an HP MSL4048 as secondary backup target using HP Data Protector (DP) 6.1,

During the planning phase the consultant has to propose whether the existing solution can be upgraded or a new solution design is required.

Refer to the scenario:

Your customer is concerned about downtime the data migration from their array to the HP 3PARStoreServ 7000 Storage System you proposed. Which statement should you include in your proposal to best address this concern?

A. The HP Enterprise Virtual Array 4400 can be added as external storage to migrate the data.
B. An HP 3PAR Remote Copy relationship can be established to prevent downtime during migration.
C. An HP Continuous Access relationship can be established to prevent downtime during migration.
D. The Online Import functionality of an HP 3PAR StoreServ Storage System can be used to migrate the data.

Answer: D

Question No : 7

When designing a solution, what defines the maximum tolerable amount of data loss from an IT service due to a major incident?

A. SLO
B. RPO
C. SLA
D. RTO

Answer: B

Question No : 8

What is the minimum information required to create a virtual volume on an HP 3PAR StoreServ 7000 array? (Select three.)

A. Name
B. Resilience level
C. Physical disk type
D. Size
E. CPG
F. RAID Level

Answer: A,D,E

Explanation: Read 3PAR InForm Management Console 4.1.0 User's Guide pg 275 Create Virtual Volume Size, Name and CPG are real parameters

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Question No : 9

Which advantage do 15k RPM drives provide over 10k drives?

A. higher seek time
B. higher duty cycle
C. improved MTBF
D. decreased rotational latency

Answer: D

Question No : 10

An alternative energy company was founded in 2003 by a joint venture of two regional energy companies in the United States. They focused on engineering solutions for the solar energy sector. Since 2010, they have offered operational services, including billing and financial services, for solar power plants. The acquisition of companies related to this sector is a future strategy to raise their market share. Moreover, in 2012 the company established a branch office in Europe to take part in the extensive European market growth.

A new storage solution is being designed for the company's central organization. Which questions should the IT manager be asked to verify that the proposed solution will cover the business needs when acquiring new companies? (Select two.)

A. Which requirements must be met today, in three months, and in six months?
B. How do you expect business to grow in the near future?
C. How does the user define performance?
D. Which criteria must be met for fault tolerance and recovery time?
E. Is the intended use of the solution processor intensive?

Answer: A,C

Question No : 11

Which configuration limits have been increased for HP 3PAR storeServ 7200 arrays with HP 3PAR OS3.1.3? (Select two.)

A. Number of disk drives
B. Remote copy over IP ports
C. Fibre Channel host ports
D. ISCSI/FCOE host ports
E. Maximum supported initiators

Answer: A,E
Reference:

http://h20195.www2.hp.com/v2/GetPDF.aspx%2F4AA4-7604ENW.pdf

Question No : 12

Which statements are true about Network RAID implementations? (Select two)

A. RAID 10 in a multi-site SAN ensures that data remains available in the event that one site becomes unavailable.
B. The best applications for using Network RAID 5 volumes include applications with mostly write, random workloads.
C. Network RAID 10+1 is preserved in the event that three storage systems become unavailable.
D. All volumes are protected from a reboot of a Store Virtual Cluster during a Left hand OS Firmware Upgrade.
E. Network RAID 10+2 ensures that data remains available after half of the SAN is unavailable.

Answer: A,E

Question No : 13

Which HP strategy supports a storage customer during migrations to prevent downtime?

A. federated storage
B. storage tiering
C. Deduplication
D. LUN-binding

Answer: A

Question No : 14

When designing a virtualized storage and network environment, which factor would lead an architect to specify HP Virtual connect Flex-10 over HP Virtual Connect FlexFabric?

A. if Fibre Channel connectivity is not required
B. if the environment requires a dedicated iSCSI network
C. if Boot-from SAN is required
D. if the environment contains G7 blades

Answer: A

Question No : 15

Which description is true of Federated Storage?

A. spontaneous migration of heavily utilized blocks of data
B. non-disruptive data movement between storage systems in a peer-to-peer relationship
C. interoperation of storage systems in a heterogeneous multi-vendor environment
D. dynamic storage system expansion with no downtime

Answer: C

Question No : 16

When planning an HP StoreOnce VSA solution, which component can significantly impact backup and restore performance?

A. Datastore layout
B. Number and type of disk
C. Supervisor type
D. Replication link bandwidth

Answer: D
Reference:

http://h20195.www2.hp.com/v2/getpdf.aspx/4AA5-5374ENW.pdf?ver=1.0

Question No : 17

You have recommended a new storage solution to your customer and have already created your design with the HP Storage Sizer. The next step is to provide them a budgetary quote.

What is the best way to create the quote?