

Vendor: HP

Exam Code: HP0-J64

Exam Name: Designing HP Enterprise Storage Solutions

Version: DEMO

QUESTION 1
A company is running their parts inventory applications on an HP 3PAR F400 storage system with NearLine (SATA) disk drives. These applications are currently using LUN utilizing a Raid 5 (7+1) NL CPG. The are having performance issues while compiling their monthly reports in a timely manner. HP 3PAR System Reporter indicates several high write I/O volumes during production runs.

What should the design team recommend o improve this performance?

A. HP 3PAR Adaptive Optimization and a new RID 1 CPG
B. snapshotto capture all writes to a RAID 1 CPG
C. thin provisioning to achievea better distribution across all physical disks
D. HP 3PAR Dynamic Optimization to move the high performance volumes to a new RAID 1 CPG

Answer: D
Explanation:
Allows for large-scale performance optimization after adding new resources to the system or moving a large number of volumes between tiers

QUESTION 2
A food manufacturing company has an existing HP 9200 Virtual Library System (VLS) an HP Data Protector environment. They currently backup approximately 15-20 TB of data daily to the VLS and then off site all data daily an HP ESL tape library. They have a business requirement of all backup data being off-site within 24 hours and a data retention requirement of three months. The experience an average of 15% data growth per year. Due to future SAP project, data growth is expected to increase by 50% in the next 12 months. The customers is looking at their long-term backup strategy and infrastructure to support the data growth and business requirements.

Which solution meets the customer requirements?

A. two HP StoreOnce 4420 Backups with Low Bandwidth Replication
B. two HP StoreOnce 4220 Backups with Low Bandwidth Replication
C. two HP StoreOnce B6200 Backups with Catalyst
D. two HP StoreOnce 4220 Backups with Catalyst

Answer: C

QUESTION 3
Which IT factors support the customer in accelerating time to market? (Select two)

A. optimized response times
B. integrated systems that reduce redundancy
C. 24x7 availability of applications
D. centralized IT
E. more efficient cost structures

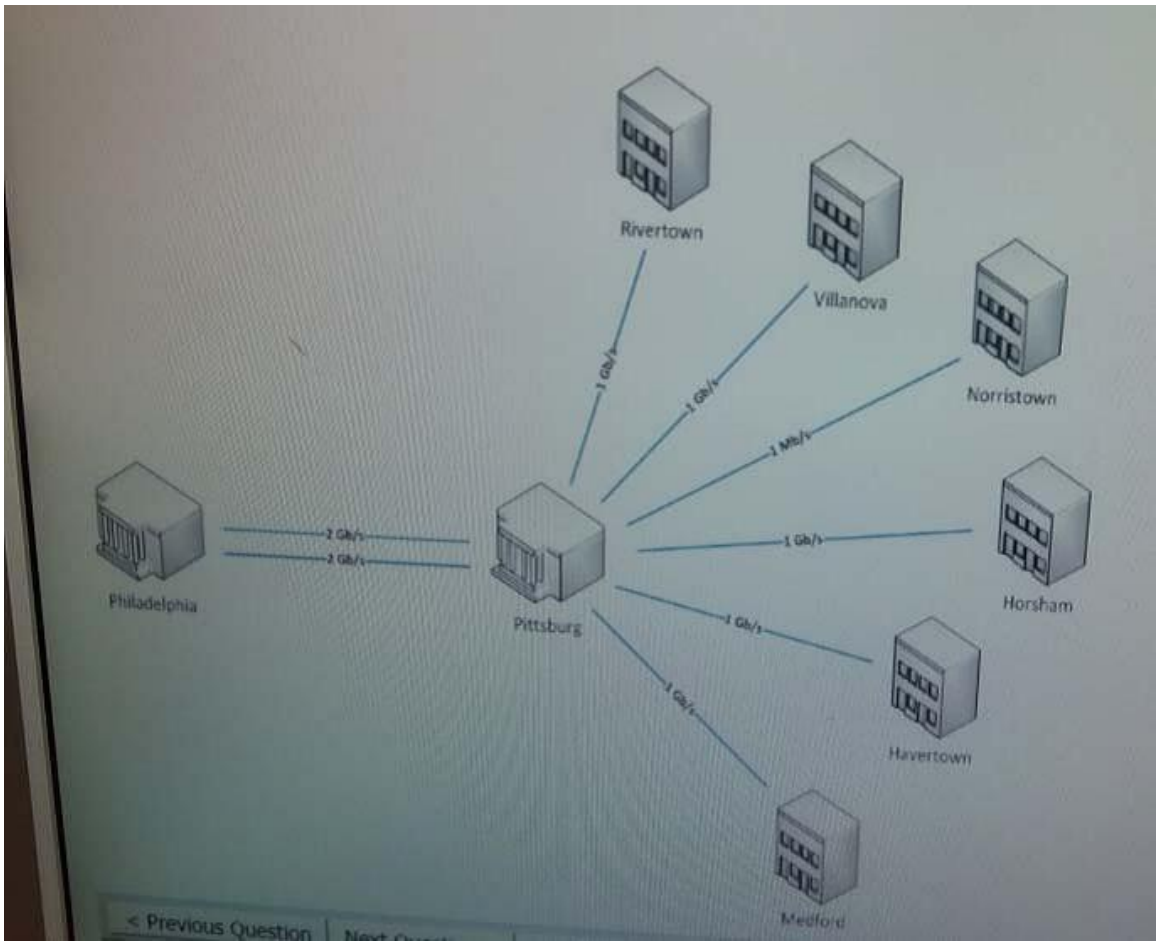
Answer: AC
Explanation:
Objective: Sought a reliable, secure and scalable high-performance platform to deliver managed cloudservices, accelerate time-to-market and support rapid growth. Reduces hardware provisioning times three-fold, accelerating time-to-market.
http://h20195.www2.hp.com/v2/GetPDF.aspx%2F4AA4-6104EEW.pdf

In commerce, time to market (TTM) is the length of time it takes from a product being conceived until its beingavailable for sale. TTM is important in industries where products are outmoded quickly. A common assumptionis that TTM matters most for first-of-a-kind products, but actually the leader often has the luxury of time, whilethe clock is clearly running for the followers.

QUESTION 4
Refer to the Exhibit. The customer wants to implement an HP StoreOnce solution for the environment shown. You have been given the following information:

```
- Each branch office has approximately 100 GB of data.
- Philadelphia has approximately 2 TB data.
- Pittsburg has approximately 1 TB data.
- All backup data will be replicated back to the data center in
Pittsburg.
- Costs should be kept to a minimum but allow for the possibility of
adding three more sites.
```

When designing the solution, which factor needs to be considered?



A. The maximum replication targets is below 12.
B. The number of source backup streams is below 32.
C. The minimum bandwidth for replication of an HP StoreOnce system is 2 Mbps.

D. The maximum data store size is below 2 TB

Answer: C

QUESTION 5
A customer wants to align their IT structure from their desktop to their rapidly-growing Enterprise data centers.

They need support in designing a long-term strategy. The HP design team wants to present a roadmap to migrate the existing traditional environment into a virtualized infrastructure.

Which HP strategy supports the customer roadmap and should be presented in the next meeting?

A. HP Smart Grid
B. HP Storage Essentials
C. HP Converted Infrastructure
D. HP Adaptive Enterprise

Answer: C

QUESTION 6
A customer wants to replicate the same data on their HP 3PAR StoreServ storage arrays to two separate campus locations. Which Remote Copy topology would allow the customer to achieve this activity?

A. 2:1 Asynchronous Remote Copy
B. Synchronous Continuous Access
C. Synchronous Long Distance
D. Asynchronous Long Distance

Answer: C
Explanation:
HP 3PAR Remote Copy.pdf, page 10 -Synchronous long-distance topology

QUESTION 7
A client asks you to demonstrate the capabilities of an HP 3PAR StoreServ 7000 Storage array. Which tool should you use?

A. SAN Connection Manager.
B. SAN Network Advisor.
C. InForm Management Console.
D. Command View Simulator.

Answer: C

QUESTION 8
A small service provider customer is in the process of a merger and needs to purchase additional IT infrastructure components to support the expansion of their customer base. The goal is to offer same-day repair from any hardware failures and increased high availability from the servers to

the local array.

The new proposal provides the following Bill of Materials (BOM):

```
- HP StoreSure 2000 - 155 TB of Midline SAS SFF Drives - FC Controller
Pair
- A pair of HP SN6000B 16Gb 48-port/48-port Active Fibre Channel
switches
- HP P2000 Remote Snap Software
- HP SN1000 2 Port 16 Gb HBAs
- 24 Fibre Channel cables
- 10 HP ProLiant DL360 Gen8s
- vSphere Enterprise Plus and vCenter licenses from HP
- Call-to-repair 24x7 coverage with four-hour on-site response
```

The customer operating budget is constrained, and the price of the BOM is too high.

Which components do you propose to change to meet their budget goals without sacrificing their critical to quality goals? (Select two.)

A. Modify the vSphere Enterprise Plus licenses to vSphere Enterprise.
B. Modify the HP SN6000B 48/48 switches to 48/24 switches.
C. Modify the HP SN600B 48/48 switch count to a quantity of one.
D. Modify the HBA connections by 50%.
E. Modify the Support to Next Business Day.

Answer: AB
Explanation:
If you remove one fabric it's no longer a HA solution.
But they need only activate 12 ports on each switch, and vSphere Enterprise Plus only add manageability
http://h18000.www1.hp.com/products/quickspecs/14212_div/14212_div.pdf
http://h18004.www1.hp.com/products/quickspecs/14104_div/14104_div.pdf

QUESTION 9
HP Secure Key Manager provides centralized encryption technologies for which tape libraries?

A. HP ESL Tape Libraries w/LTO3 tape drives
B. HP EML Tape Libraries w/LTO4 tape drives
C. HP ESL Tape Libraries w/SDLT 600 tape drives
D. HP VLS9000 Virtual Libraries w/LTO4 tape emulation

Answer: B
Explanation:
Models HP Secure Key Manager Models
HP Secure Key Manager, ESL/EML tape libraries and Encryption SAN Switches are purchased separatelyfrom Secure Key Manager.
http://h20564.www2.hp.com/portal/site/hpsc/public/kb/docDisplay/?docId=c04007622

Thank You for Trying Our Product

Lead2pass Certification Exam Features:



★ More than 99,900 Satisfied Customers Worldwide.

★ Average 99.9% Success Rate.

★ Free Update to match latest and real exam scenarios.

★ Instant Download Access! No Setup required.



★ Questions & Answers are downloadable in PDF format and VCE test engine format.

★ Multi-Platform capabilities - Windows, Laptop, Mac, Android, iPhone, iPod, iPad.

★ 100% Guaranteed Success or 100% Money Back Guarantee.

★ Fast, helpful support 24x7.

View list of all certification exams: http://www.lead2pass.com/all-products.html

10% Discount Coupon Code: **ASTR14**