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QUESTION & ANSWER

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Exam   :   **HP0-J53**

Title   :   Designing HP Storage
                    Datacenter Solutions

Version   :   DEMO

1.Your customer has a requirement to replicate a number of D2D devices to and from additional offices

and you need to determine the number of licenses required to accomplish this.

Identify the number of licenses that are required for each Replication Model

A. Active/Active with two nodes -

B. Many to One with four nodes -

C. Active/Passive with two nodes -

Answer: A

2.A hospital has recently contacted you about a major environment upgrade. Due to funding issues and

frequently changing management have allowed their infrastructure to age to a point that it is experiencing

failures that impact patient care. The new CIO still has funding concerns, but the board has realized that

they must spend money to stay in business and grow their patient base.

This hospital has similar concerns to that of other medical facilities. They must meet HIPAA requirements

(how data security is handled) and be able to provide 7x24 support for all patient care systems.

The hospital has approximately 400 servers. They have one mainframe, four HP-UX servers supporting

Oracle databases, one AIS system supporting FB2, and all other systems are aging ProLiants running

Windows 2003 or 2008. The mainframe has dedicated storage and there are three EMC CLARiiON

systems that have been experiencing both performance and availability problems. Between the four

storage islands, the hospital has approximately 450TB of data stored on approximately 720TB of storage

hardware. Most backups are being performed by Symantec NetBackup to an older Storage Tek library

with LTO2 technology.

They plan to consolidate their storage environment and as many of their Windows servers as possible

using VMware on blade technology. They have asked that you assist in designing a storage environment

at approximately 15% per year. There is no requirement for tape, but assurance that backups are

performed and offsite is necessary.

Assuming the hospital wants to include the mainframe data in their consolidation requirements, which

storage solution will meet the hospital's requirements.?

A. X9000

B. P9000

C. P6000

D. 3PAR

Answer: B

3.Your customer plans to centralize and virtualize their user desktops using a VMware View solution for 600 users. Their primary focus project is efficiency. You design a server, storage and backup solution using HP infrastructure products. In your design, the server infrastructure consists of BL460c G7 server blades and a P4800 solution using four nodes. You use HP Networking as the network infrastructure. Which HP StoreOnce function supports the customer's focus?

A. Deduplication

B. NAS Share

C. VTL

D. 10 GbE iSCSI

Answer: A

4.A customer is running a vSphere 4 solution in production. The storage for the solution is an HP P4500 G2 Virtualizaton SAN Solution. There are growing concerns with data availability and business continuity. Datacenter space is available at a second campus less than 10km away. The existing investment in vSphere and P4500 technology must be preserved.
Which network setting on the switches is recommended for iSCSI traffic?

A. Enable Flow Control

B. disable Jumbo Frames

C. disable duplexing

D. enable Adaptive Load Balancing

Answer: A

5.Your customer wants to replace their current Tier1 storage environment (120TB usable capacity) that supports current versions of VMWare /Windows, RedHat Linux, HP-UX and Solaris. While the current storage environment has been reliable, it struggles to keep pace with the rapid changes in the company's business environment as changes and upgrades often take many weeks to plan before they can be deployed.

Even day-to-day tasks such as LUN provisioning require significant management effort. The new storage solution must no compromise reliability, but should address the requirements for reduced management effort and deployment flexibility. improvement in capacity utilization would also be viewed very positively.

Which HP storage solution would best meet the customer's business requirements?

A. 3PAR T400 4 nodes, Dynamic Optimization, Thin Provisioning, Thin Conversion and Thin Persistence

B. 3PAR T400 2 nodes, Dynamic Optimization, Thin Provisioning, Thin Conversion and Thin Persistence

C. 3PAR F400 with 4 nodes, Dynamic Optimization, Thin Provisioning, Thin Persistence and Adaptive Optimization

D. 3PAR F400 with 2 nodes, Dynamic Optimization, Thin Provisioning, Thin Persistence and Adaptive Optimization

Answer: A
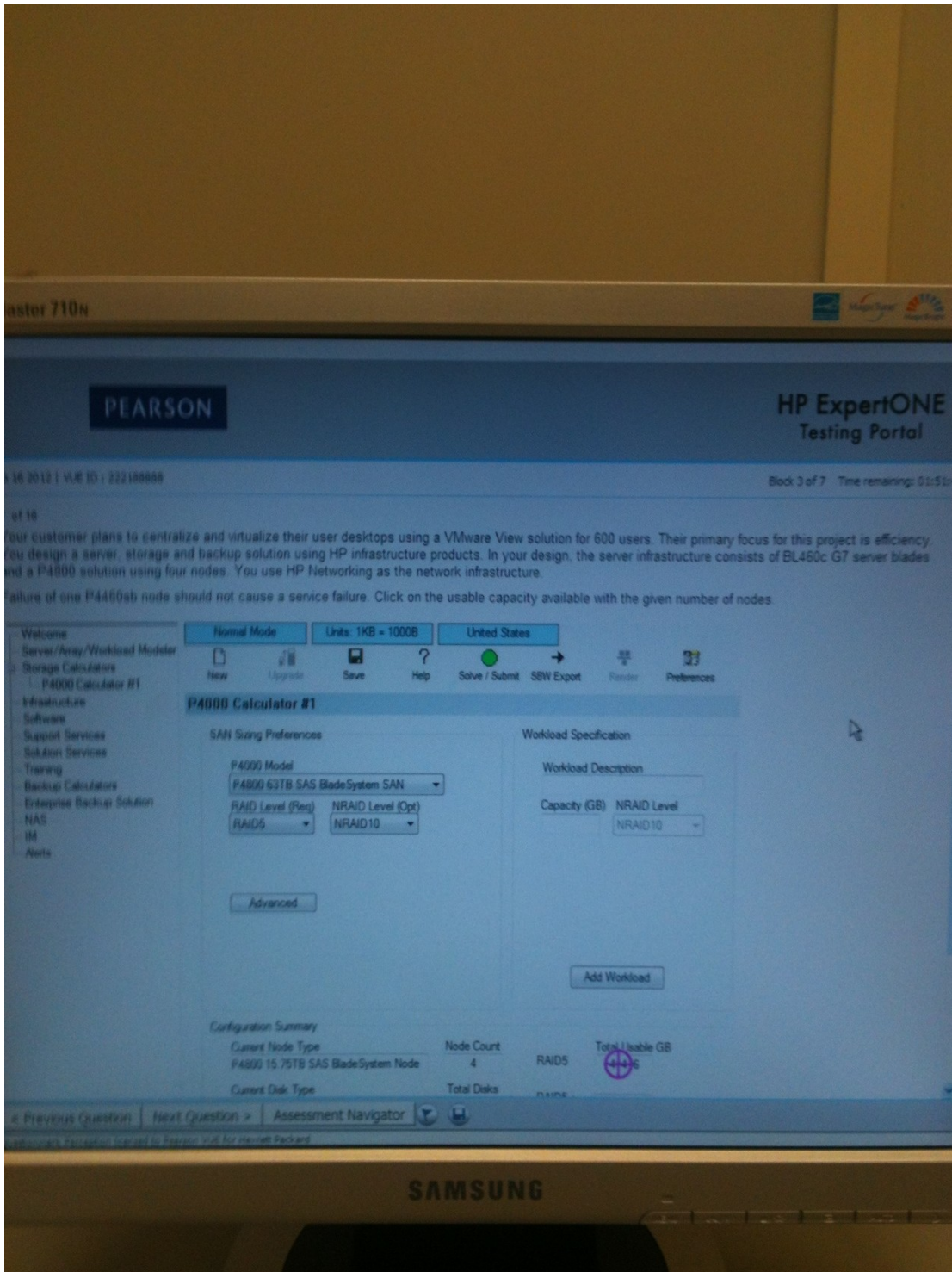
6.Match each three car feature with its description.

A. Virtual copy -

B. Thin conversion -

C. Dynamic optimization -

D. Adaptive optimization -

E. Thin persistence -

Answer: A

7.Your customer plans to centralize and virtualize their user desktops using a VMware View solution for 600 users. Their primary focus for this project is efficiency. You design a server, storage and backup solution using HP infrastructure products. In your design, the server infrastructure consists of BL 460 C G7 server blades and a P4000 solution using four nodes. You use HP networking as a network infrastructure.

Failure of one P4460 SB node should not cause a service failure. Click on the usual capacity available with a given number of nodes.(Hotspot)

Exhibit:

Answer. Total Usable GB next to RAID5 + NRAID10 - 24738

8.Match the number of nodes to the appropriate 3PAR storage array

A. T800 o 2 nodes o 2-8 nodes o 2-4 nodes

B. F400 o 2 nodes o 2-8 nodes o 2-4 nodes

C. T400 o 2 nodes o 2-8 nodes o 2-4 nodes

D. F200 o 2 nodes o 2-8 nodes o 2-4 nodes

Answer: A

9.You have been working with a city government IT staff for several years. Recently, they told you about a new requirement they have, which involves storing data for a police car video system. The requirements for the video system are being dictated by a Federal Court.

The new requirements include keeping more video frames than is customary. They are also being required to keep video for 26 months rather than the standard 6-12 weeks. The IT director estimates that they could require 5PB or more over the 26 month period. The funding for the project will impact a city budget that is already undergoing cost cutting measures.

Which Storage Solutions should you recommend?

A. an HP 3PAR array with both FC and NL drives

B. an HP 3PAR array with NL drives

C. an X9000 storage solution with NDL-SAS drives

D. a P9000 array with SAS drives

Answer: C

10.A customer in the Life Sciences field has an existing 10GbE infrastructure and wants to integrate the HP Storage X9300 Gateway connected to an EVA4400 Storage Array. The X9300 will connect through two stacked A-Series ProCurve switches to approximately 100 compute nodes NFS.

The customer also has ten Windows 2008 clients that need to read archived medical records over a CIFS connection. These clients authenticate through a Windows 2008 Active Directory. The environment is backed up through a Data Protector 6.1 configuration connected to an ESL E-series tape library.

What is a supported method of backing up the X9300 solution, based on implementation in the exhibit?

A. 3-Way NDMP backup to the ESL E-series tape library attached to the Data Management Agent

B. Remote NFMP, where the ESL E-series tape library is SAN attached to the Data Management Agent

C. network-based backups of hardware-based snapshots onthe X9300

D. 2-Way NDMP backup to an ESL E-series tape library zoned to the X9300

Answer: A