



HPE0-J57^{Q&As}

Designing HPE Storage Solutions

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QUESTION 1

Which value does a Nimble solution provide in addition to other HPE storage solutions?

- A. Flat support pricing for all hardware components
- B. Future-proofed for newer technologies
- C. All-inclusive software licensing over 5 years and additional capacity upgrades
- D. Upfront option for free controller upgrade after 3 years

Correct Answer: B

QUESTION 2

Which file protocols are commonly used in HPE StoreOnce environment? (Choose two.)

- A. CIFS
- B. NTFS
- C. VFS
- D. ZFS
- E. NFS

Correct Answer: AE

QUESTION 3

Refer to the exhibit.



A customer has upgraded the first of their two HPE StoreServ 8200S to the latest InForm OS version to take advantage of the compression feature. You have been asked to design the storage configuration to support Oracle Database



volumes to utilize HPE 3PAR compression.

Based on the analysis of the array, what would be your suggestion to implement the requested change?

- A. Consider adding another node pair for compression to work efficiently.
- B. Install the Catalyst agent on the Oracle server to enable inline compression on the selected VV.
- C. Configure the source-side compression to offload compression to the host.
- D. Balance the workloads between the arrays to have enough headroom for compression.

Correct Answer: C

QUESTION 4

A customer needs a new storage system for a virtual desktop infrastructure environment to reduce the time required to provision new desktops. Which HPE solution should you recommend to fulfill this customer's requirement?

- A. SmartClones on HPE StoreVirtual VSA
- B. Storage Pools on HPE StoreEasy
- C. Virtual Copy on HPE 3PAR StoreServ
- D. SnapClones on HPE MSA 2040

Correct Answer: C

QUESTION 5

A customer has an existing configuration consisting of Fast Class and Nearline SAS drives in an 8000 SFF enclosure. They add two SFF enclosures that are fully populated with Nearline drives to an existing HPE 3PAR StoreServ 8400 array. What should the customer do to optimize their storage configuration?

- A. Run admithw and tunesys on the array.
- B. Create new CPGs for the newly installed drives.
- C. Enable Space Reclamation.
- D. Defrag the CPGs and run align-drive on their system

Correct Answer: A

QUESTION 6

A customer has a SAN based on HPE B-series switches with Gen6 fibre channel technology. Their workload is continually growing and they are experiencing performance issues. They need a solution to enable real-time monitoring and to



speed up troubleshooting in his SAN backend.

Which unique feature of the HPE B-series Gen6 switches should you recommend? (Choose two.)

- A. Fabric Watch
- B. MAPS
- C. Advanced Trunking
- D. Fabric Vision
- E. Extended Fabrics

Correct Answer: AD

QUESTION 7

Which storage tool in the Storage Assessment Foundry provides data protection analysis?

- A. NinjaCrawler
- B. NinaProtected+
- C. NinjaThin
- D. NinjaSTARS

Correct Answer: D

QUESTION 8

A customer asks for an integrated solution for their remote office with All-Flesh storage and ease of management. Application-aware replication to their main office is an important requirement.

Which HPE solution component should you discuss with the customer first?

- A. HPE SimpliVity 380
- B. HPE MSA 2052 Storage
- C. HPE Nimble CS1000 system
- D. HPE 3PAR StoreServ 8200

Correct Answer: A

QUESTION 9

You need to add SSD drives to a production HPE 3PAR StoreServ array configured with Adaptive Flash Cache (AFC).



What do you need to consider?

- A. Online expansion is not supported if the AFC is running in simulation mode.
- B. System performance might be affected during activation of the additional resources for AFC.
- C. The system will automatically re-balance to use the additional resources for AFC.
- D. The RAID configuration for the SSD drives might need adjustment if you want to use them for AFC.

Correct Answer: C

QUESTION 10

A customer has a new HPE Nimble HF-series array and is facing latency issues for his 2TB ERP database. What would be a design approach to solve this issue?

- A. Add additional SSD drives as cache to the system and PIN the volume.
- B. Change RAID of the drives to RAID 1 and setup quality of service for the volume.
- C. Perform controller upgrade to an HPE Nimble CS5000 storage system.
- D. Enable storage tiering on the system and map the volume to the new tier.

Correct Answer: A

QUESTION 11

Where does HPE 3PAR StoreServ Data-at-Rest Encryption occur?

- A. ASIC
- B. physical disk
- C. processor
- D. host

Correct Answer: B

QUESTION 12

What owns the physical drives in an HPE 3PAR StoreServ Express Layout?

- A. a logical disk
- B. a chunklet
- C. a single node



D. a node pair

Correct Answer: D

QUESTION 13

A customer needs to implement a new SAN fabric for their growing environment. The new SAN should provide a high performance and port-efficient network with many-to-many connectivity. Because of changing requirements and the possible acquisition of another company in the near future, the customer cannot predict the I/O traffic pattern within the SAN. The customer is also concerned about availability.

Which type of SAN topology should you recommend?

- A. cascaded fabric
- B. meshed fabric
- C. core-edge fabric
- D. single-switch fabric

Correct Answer: B

QUESTION 14

Which storage protocol is supported by VirtualConnect Flex-10?

- A. FC
- B. FCoE
- C. FCIP
- D. iSCSI

Correct Answer: B

Reference: <https://virtualizationandstorage.files.wordpress.com/2012/09/c01608922.pdf>

QUESTION 15

A customer with a restricted budget has an existing HPE 3PAR StoreServ 8200 using 10k Fast Class and Nearline drives. Because of the implementation of new applications, the workload has shifted to be read intensive. Therefore, they want to increase the read I/O performance.

What should they add to their environment?

- A. a tier with 15K Fast Class 600 GB drives for new cpg, configure AO policy to take advantage of new resources.
- B. two 400Gb SSD drives and enable Adaptive Flash Cache



C. a tier with 15k Fast Class drives and implement thin provisioned deduplicated virtual volumes

D. a tier of SSD and implement thin provisioned virtual volumes

Correct Answer: B

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