

HPE0-J57^{Q&As}

Designing HPE Storage Solutions

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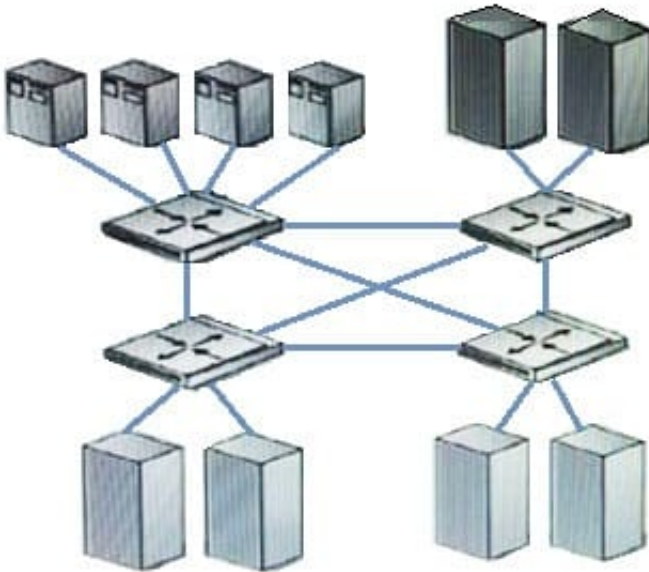
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QUESTION 1



Which fabric design is shown?

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

Correct Answer: A

QUESTION 2

DRAG DROP

Match the type of storage found in today's market to the HPE storage solution optimized for that capability.

Select and Place:

Answer Area

	Storage Type	HPE Storage Solutions
<input type="checkbox"/> Block		
<input type="checkbox"/> File		3PAR StoreServ
<input type="checkbox"/> Object		MSA
		Nimble
		Scality
		StoreEasy
		StoreVirtual

Correct Answer:

Answer Area

	Storage Type	HPE Storage Solutions
<input type="checkbox"/> Block	<input checked="" type="checkbox"/> File <input checked="" type="checkbox"/> Block	3PAR StoreServ
<input type="checkbox"/> File	<input type="checkbox"/> File	MSA
<input type="checkbox"/> Object	<input type="checkbox"/> Object	Nimble
	<input type="checkbox"/> Object	Scality
	<input type="checkbox"/> File	StoreEasy
	<input type="checkbox"/> Object	StoreVirtual

QUESTION 3

A customer has an HPE 3PAR StoreServ 8200 with eight 3.84 TB SSDs configured with RAID5 7+1. They plan to add four more 3.84 TB SSDs.

What needs to be changed on the configuration once the new SSDs are installed?

- A. Reconfigure the cpg setsize as RAID6 6+2 and wait for tunesys to complete.
- B. Change the availability level from cage to magazine.
- C. Adjust the cpg growth value to match amount of SSDs.
- D. Change the cpg setsize to RAID5 5+1 and run tunesys.

Correct Answer: D

QUESTION 4

Which feature enables a non-disruptive environment where host-based multi-pathing software is not affected in the event of a firmware upgrade?

- A. HPE 3PAR Access Guard
- B. HPE 3PAR Persistent Ports
- C. HPE 3PAR Persistent Cache
- D. HPE 3PAR MPIO

Correct Answer: B

QUESTION 5

Which storage principle would benefit a customer who has several departments in their organization with different storage needs?

- A. autonomic management
- B. multi-tenancy
- C. federated storage
- D. scale out storage

Correct Answer: B

Reference: <https://h20195.www2.hpe.com/v2/getpdf.aspx/4aa3-3516enw.pdf>

QUESTION 6

A customer needs to serve 40 TB via file protocols including SMB and FTP to a board range of client operating systems in one location. Security protocols dictate that data must be encrypted with FIPS 140-2 compliance. Which HPE storage solution should you recommend?

- A. HPE 3PAR 8200 using self-encrypting drives with HPE 3PAR File Persona.
- B. HPE MSA 2052 Storage with HPE StoreEasy 3850Gateway
- C. HPE XP7 Storage with Encryption Ready Disk Adapters
- D. HPE StoreOnce 5500 with Data in Flight encryption

Correct Answer: A

Reference: <https://h20195.www2.hpe.com/v2/getpdf.aspx/c04199812.pdf>

QUESTION 7

You are designing a new HPE 3PAR StoreServ all-flash array for a customer. Which ratio should you expect to have the highest efficiency?

- A. reclamation ratio
- B. compaction ratio
- C. thin provisioning ratio
- D. read/write ratio

Correct Answer: B

Reference: <https://h20195.www2.hpe.com/v2/getpdf.aspx/4aa3-3516enw.pdf> (16)

QUESTION 8

Which storage sizing tool, designed for HPE 3PAR StoreServ, can be used to determine whether customers qualify for the Get Thin Guarantee Program?

- A. NinjaProtected
- B. NinjaStars
- C. NinjaCrawler
- D. StoreVista

Correct Answer: B

QUESTION 9

You are designing a solution that will have a new HPE Synergy frame and an HPE 3PAR StoreServ 8200 storage array with only the built-in ports. This new environment must keep the infrastructure within the data center to a minimum.

Which interconnect module will achieve this goal?

- A. Synergy 25-50Gb F8 Switch Module
- B. 6125G/XG Ethernet Blade Switch
- C. Synergy 20Gb interconnect Link Module
- D. Virtual Connect SE 40Gb F8 Module

Correct Answer: D

QUESTION 10

During which events will HPE 3PAR StoreServ persistent port feature provide transparent and uninterrupted failover? (Choose two.)

- A. node maintenance or failure
- B. firmware upgrade
- C. loss of persistent cache
- D. loss of full-mesh cluster interconnect
- E. B-series SAN switch upgrades

Correct Answer: CD

Reference: <https://www.optiodata.com/documents/spec/HPE-3PAR-StoreServ-storage-datasheet.pdf>

QUESTION 11

A customer needs a backup solution for their virtualized environment. The backup solution must be agentless, hypervisor independent, and integrated with HPE storage solutions. The solution must support Nimble snapshot and replication management.

Which product meets the customer requirements?

- A. Veeam Backup and Replication
- B. CommVault Simpana IntelliSnap
- C. HPE StoreOnce Recovery Manager Central
- D. Micro Focus Data Protector

Correct Answer: A

QUESTION 12

An HPE 3PAR StoreServ customer with FC, SSD and NL, drives is facing extreme latency during peak business hours with an OLTP application. They have enabled tiering using all drive types.

What could be used to resolve the issue?

- A. Dynamic Optimization using tier 2
- B. Adaptive Optimization using tier 1
- C. Dynamic Optimization between tier 0 and tier 1
- D. Dynamic Optimization using tier 1

Correct Answer: B

QUESTION 13

How does the HPE StoreVirtual VSA storage platform scale performance and capacity?

- A. eliminates the need for storage controllers
- B. enables access through multiple protocols
- C. aggregates all resources into a single storage pool
- D. recreates storage pools on multiple devices

Correct Answer: D

QUESTION 14

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

- A. Flat support pricing for all hardware components
- B. Tier 1 and tier 2 phone support
- 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 15

What has to be taken into account when performing capacity planning for HPE Nimble storage using deduplication?

- A. Deduplication is performed on a per volume basis.
- B. Deduplication is performed on a per application category basis.
- C. Deduplication is performed on a per array basis.
- D. Deduplication is performed on a per pool and block size basis.

Correct Answer: D

Reference: <https://community.hpe.com/t5/Nimble-Storage-Solution/De-Duplication-is-it-done-to-all-data-on-the-array-or/td-p/7024463#.XjmBSSZR28E>

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