

## HPE0-J57 Dumps

### Designing HPE Storage Solutions

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**NEW QUESTION 1**

A customer asks for an integrated solution for their remote office with All-Fresh 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

**Answer: A**

**NEW QUESTION 2**

You are advising a customer on a new backup strategy to deploy HPE StoreOnce. What should you recommend to ensure the best storage utilization and performance?

- A. consolidate activity windows for housekeeping tasks
- B. size solution for a single backup device
- C. combine management and backup Ethernet traffic
- D. use separate backup targets for different data types

**Answer: A**

**NEW QUESTION 3**

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

**Answer: D**

**NEW QUESTION 4**

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

- A. HPE MSA 2052 storage with HPE StoreEasy 3850 Gateway
- B. HPE 3PAR 8200 using self-encrypting drive with 3PAR file persona
- C. HPE StoreOnce 5500with data in flight encryption .
- D. HPE XP7 storage with encryption ready disk adapters

**Answer: B**

**NEW QUESTION 5**

A customer has an HPE 3PAR StoreServ 8200 with eight 3.84 TB SSD's configured with RAID5 7+1. They plan to add four more 3.84 TB SSD's. What needs to be changed on the configuration once the new SSD's 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 SSD's.
- D. Change the cpg setsize to RAID5 5+1 and run tunesys.

**Answer: D**

**NEW QUESTION 6**

You have just completed a performance analysis of an HPE 3PAR StoreServ 8400 disk array with different tiers at a customer's site. After reviewing the performance metrics, you determine that they should install a new tier of SSD drives. Which actions should you recommend they take to fully optimize the array? (Choose two.)

- A. Configure Adaptive Flash Cache.
- B. Configure scheduled tunesys tasks.
- C. Rebalance all flash drives between nodes 0 and 2.
- D. Configure Adaptive Optimization.
- E. Configure dedicated drives to enable Adaptive Flash Cache.

**Answer: BD**

**NEW QUESTION 7**

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

**Answer:** D

**NEW QUESTION 8**

A customer's environment consists of two HPE Synergy frames running VMware vSphere, HPE FlexFabric 5700 switches, and one HPE Nimble HF-series array connected via 10GbE-T ports to the FlexFabric switches. The customer is concerned about performance management of the whole solution stack. When using infoclight with VMvision and analyzing end-to-end latency, which of the components within the stack are displayed? (Choose Three)

- A. ISCSI network(SAN)
- B. Ethernet network (LAN)
- C. storage
- D. application
- E. operating system
- F. host

**Answer:** ADF

**NEW QUESTION 9**

Which statement is correct when comparing functionalities of the AF,CF, and SF series in the nimble storage portfolio?

- A. Zero copy clone are unique feature of all flash array within the nimble portfolio
- B. SF series supports storage snapshots and replication using veeeam backup & replication CS and AF series support storage snapshot only.
- C. Inline deduplication for complete array capacity in combination with compression is offered by the AF and SF series only (67) need to check
- D. 99.9999% availability measured and guaranteed for AF and CF series arrays, SF series array offer 99.999% availability.

**Answer:** C

**NEW QUESTION 10**

Which statement is correct when comparing functionalities of the AF and HF series in the Nimble storage portfolio? (Choose Two)

- A. Zero Copy Clones are a unique feature of All-Flash arrays within the Nimble Portfolio.
- B. >99.9999% availability is measured and guaranteed for AF and HF series arrays.
- C. HF series has a dedicated read cache and AF series does not have a dedicated reach cache.
- D. HF series supports storage snapshots and replication using Veeam Backup & Replication, HF and AF series support storage snapshots only

**Answer:** BC

**NEW QUESTION 10**

An HPE 3PAR StoreServ 9000 All-Flash Array customer plans to deploy a secondary array 20 km away from their primary array to enable storage replication over a dark fibre. Their existing environment consists of one HPE Synergy Frame 12000, HPE SN6000B Fibre Channel Switches, HPE FlexFabric 5700 Switch Series, and HPE StoreOnce Systems.

Which HPE license is required to meet the customer's technical requirements?

- A. Intelligent Resilient Framework licenses
- B. HPE StoreOnce Replication
- C. Extended Fabric
- D. HPE 3PAR Remote Copy

**Answer:** D

**NEW QUESTION 12**

During Technology workshop ,the customer asks about different between converged and fibre channel switches. What would be a benefits of using flex fabric switches in a fibre channel storage environment?

- A. Support for combining multiple physical switches in to one virtual switch with a single IP address
- B. Support for six Ethernet and two fibre channel ,or six Ethernet and two ISCSI or eight Ethernet adapters per server.
- C. Zones can be configured for QoS with high ,medium, and low priorities within a fabric on a zone by zone basic
- D. In-flight compression and encryption provides efficient link utilization and security

**Answer:** A

**NEW QUESTION 14**

After a performance analysis, a customer plan to reorganize his adaptive Flash cache (AFC) configuration and want to raise it from 256 to 768GB. Which action is needed to take advantage of the new AFC configuration?

- A. Remove flash cache for all VVS then run create Flash cache
- B. Increase current AFC configuration to reflect the additional space
- C. Remove the old AO configuration and recreate a new one
- D. Run tunesys after raising the AFC to take advantage of the additional space

**Answer:** A

**NEW QUESTION 18**

A customer wants to expand his cascaded B-series based SAN but is concerned about latencies within the SAN backend. You recommend changing the topology to a full mesh.

Which switch feature will ensure that the latencies in the backend are at the lowest possible level?

- A. LACP
- B. NPIV
- C. FSPF
- D. VSF

**Answer: C**

**NEW QUESTION 19**

A customer is concerned about media and transmission errors caused by any component in the I/O stack from the server host bus adapter (HBA) into the HPE 3PAR StoreServ ports.

Which feature will address the customer's concern?

- A. Persistent Checksum
- B. Persistent Cache
- C. Peer Persistence
- D. Persistent Ports

**Answer: A**

**NEW QUESTION 23**

Which SAN topology offers the highest centralized data access performance?

- A. Meshed
- B. Cascaded
- C. Core-Edge
- D. Ring

**Answer: C**

**NEW QUESTION 25**

A customer recently acquired another company and found that the existing infrastructure was outdated and costly to maintain. They need to put a complete infrastructure solution in place that minimizes the footprint in the data center as quickly and possible. Which solution you recommend?

- A. Simplicity 380
- B. Bladesystem 7000
- C. Converged systems
- D. Synergy 12000

**Answer: A**

**NEW QUESTION 29**

Match the data access type in a SAN fabric to the correct description.

Data Access Type	Description
Centralized	Data access between a local server and a storage system connected to the same switch
Distributed	Data access between multiple, dispersed servers and one storage system
Local	Data access between multiple, dispersed servers and multiple storage systems

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Data Access Type	Description
Centralized	Local Data access between a local server and a storage system connected to the same switch
Distributed	Centralized Data access between multiple, dispersed servers and one storage system
Local	Distributed Data access between multiple, dispersed servers and multiple storage systems

**NEW QUESTION 32**

Which storage protocol is supported by virtual connect Flex-10?

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

**Answer: C**

**NEW QUESTION 37**

A customer need 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 requirement 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 also concerned about availability. Which type of SAN topology should you recommend?

- A. Core-edge fabric
- B. Single switch fabric
- C. Cascaded fabric
- D. Meshed fabric

**Answer: D**

**NEW QUESTION 39**

A customer asks for a 50 TB disk-based backup solution with deduplication. They also need additional storage for test/dev purposes. Which single HPE storage platform can you present to the customer that will meet both of their needs?

- A. HPE Nimble SF series
- B. HPE StoreEasy Gateway
- C. HPE StoreOnce
- D. HPE Nimble CS series

**Answer: C**

**NEW QUESTION 44**

A customer has deployed an HPE 3PAR StoreServ 8400 with two nodes and three additional disk enclosure .They want to expand the solution with two additional nodes and three additional disk enclosure ..What must you do to expand the customers solution?

- A. The new disks must be imported before the new nodes can be added
- B. The existing nodes need to be take Offline
- C. The system should be updated to the latest supported OS before the hardware expansion
- D. The new nodes and enclosure must be placed in an adjacent racks

**Answer: C**

**NEW QUESTION 47**

Which function is built into the HPE 3par OS and enable users to move data and workloads between array without impacting applications, users, or services?

- A. Peer persistence
- B. Adaptive optimization
- C. Peer motion
- D. Remote copy

**Answer: A**

**NEW QUESTION 51**

A customer is interested in integrating their HPE 3PAR StoreServ arrays into their OneView environment to support automated volume provisioning. What must you install to enable the integration?

- A. HPE SAN Network Advisor Enterprise
- B. HPE SAN Network Advisor Professional

- C. 3PAR Host Explorer
- D. OneView Global Dashboard

**Answer:** B

**NEW QUESTION 52**

Match the HPE converged Strategy principle with its function

- A. Federated Storage:- Move data between storage systems in peer-to-peer relationship simply, dynamically and nondestructively
- B. Deduplication:-Reduce allocated capacity by eliminating data redundancy
- C. Thin provisioning:-Reduce TCO ,Opex and CPEX by using virtualization technology to make storage resources more efficient.
- D. Storage tiering:-Use combination of I/O accelerator to place data to meet price, performance, and latency requirements .
- E. Storage virtualization:- Deliver simplified management ,higher utilization ,efficient, and agility by separating the logical and physical resource.

**Answer:** E

**NEW QUESTION 56**

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