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Designing Multi-Site HPE Storage Solutions

HP HPE0-J58

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QUESTION NO: 1

A customer needs to replace their outdated storage arrays.

Which resource provides the necessary information to properly size a solution?

- A. HPE NinjaCrawler
- B. HPE Ninja Stars for Nimble
- C. HPE Storage Sizer
- D. HPE Storage Assessment Foundry

ANSWER: C

QUESTION NO: 2

You are proposing StoreOnce as a new backup target.

Which features should you emphasize that will help the customer protect and recover data from external attacks on local data? (Select two.)

- A. StoreOnce Catalyst stores are only accessible via the API
- B. StoreOnce has firewalls to protect the repositories
- C. StoreOnce is immune from ransomware
- D. StoreOnce has malware protection
- E. StoreOnce has encryption of data at rest and data in-flight

ANSWER: C E

QUESTION NO: 3 - (DRAG DROP)

DRAG DROP

A customer has a primary site with an HPE Nimble Storage array and a secondary site with another HPE Nimble Storage array. The customer had a planned power outage at their primary site, and now needs to switch back to the primary array.

Place the steps into the order they must be performed to switch back the primary array.

Select and Place:

Steps

Order

Once the planned outage is over, take the volumes offline.

Perform a handover back to the primary array.

Replicate all volumes back to the primary array off-line.

Take a snapshot of each volume.

ANSWER:

Steps

Order

Once the planned outage is over, take the volumes offline.

Perform a handover back to the primary array.

Replicate all volumes back to the primary array off-line.

Take a snapshot of each volume.

Take a snapshot of each volume.

Replicate all volumes back to the primary array off-line.

Perform a handover back to the primary array.

Once the planned outage is over, take the volumes offline.

QUESTION NO: 4

For customers, what are the benefits of developing a company compliance policy? (Select two.)

- A. reduced head count
- B. minimized losses
- C. improved security
- D. improved agility
- E. increased time to market

ANSWER: B C

QUESTION NO: 5

A customer needs a new storage solution, including replication. The replication solution does not need to provide an RTO or RPO of zero. The customer suffers from severe VM sprawl and has experienced unidentified storage service-level degradations. What should you point out during your presentation of the solution?

- A. Hardware-assisted parity generation and deduplication mitigate the changing performance requirements
- B. VMs are always individually visible to the array with automatic enablement of VVOL technology
- C. InfoSight and VM details would help in identifying misbehaving VMs putting a high load on the array
- D. When a storage system is being overloaded, the replication software will automatically move the workload

ANSWER: B

QUESTION NO: 6

A customer needs to a multi-site environment where the entire inter-site transmission will be encrypted. Which products support this feature without additional licenses? (Select two.)

- A. HPE 3PAR
- B. HPE StoreOnce VSA
- C. HPE Nimble arrays with SmartReplicate (remote replication)
- D. any B-series 16Gb SAN Switch
- E. HPE StoreOnce hardware appliance

ANSWER: D E

QUESTION NO: 7

Refer to the exhibit.

Qty	Product#	Product Description
1	Q0E92A	HPE 3PAR 9450 2-node Storage Base with All-inclusive Single-system Software
2	Q7F41A	HPE 3PAR 9450+SW Storage Node
8	Q0E97A	HPE 3PAR 9000 4-port 16Gb Fiber Channel Host Bus Adapter
1	L7F18A	HPE 3PAR 9450 Data Encryption LTU
2	Q0E99A	HPE 3PAR 9000 2-port 10Gb Ethernet Host Bus Adapter
1	P9M30A	HPE 3PAR StoreServ 20000 Direct Connect Cabling Option for Drive Enclosure
8	Q0E95A	HPE 3PAR 9000 24-disk 2U SFF (2.5in) SAS Drive Enclosure
64	Q0F44A	HPE 3PAR 9000 3.84TB SAS SFF (2.5in) FIPS Encrypted SSD with All-inclusive Single-system Software
16	716197-B21	HPE External 2.0m (6ft) Mini-SAS HD 4x to Mini-SAS HD 4x Cable
2	Q1H95A	HPE 3PAR 1U Rack Accessories Kit
2	QK753B	HPE SN6000B 16Gb 48-port/24-port Active Fibre Channel Switch
48	QK724A	HPE B-Series 16Gb SFP+Short Wave Transceiver
1	Q2S13A	HPE 3PAR StoreServ RPS Service Processor
8	QK734A	HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable
2	Q9Y41AAE	HPE Smart Fabric Orchestrator E-LTU

A customer is planning a new compute cluster. They require business continuity, and they need automatic transparent failover between sites with an RPO of 0. You propose HPE 3PAR 9450 arrays at each site. The displayed Bill of Materials (BOM) shows the hardware and software components for one site. What must be added to the BOM at each site to build the solution?

- A. four additional HPE 3PAR 9000 4-port 16Gb Fiber Channel Host Bus Adapters
- B. one HPE 3PAR All-inclusive Multi-system Software Suite
- C. one HPE 3PAR Policy Manager Software license
- D. two additional HPE 3PAR 9000 2-port 10Gb Ethernet Host Bus Adapters

ANSWER: C

QUESTION NO: 8

A customer needs a data recovery solution for their HPE 3PAR array. They have the following requirements: - RPO needs to be within three hours

- RTO needs to be within three hours
- There is no need for offsite data archive - They will have a limited maintenance window Which solution meets all of the customer needs?

- A. HPE 3PAR StoreServ with RMC
- B. HPE StoreOnce
- C. HPE StoreAll
- D. HPE StoreEver

ANSWER: A

QUESTION NO: 9

A startup company is considering an HPE Nimble solution. They have a small IT budget, and they need to be future-proof for changing performance requirements. How does the Nimble architecture meet the company needs? (Select two.)

- A. native support for block and file services
- B. minimal downtime technology refresh
- C. Support for FCoE
- D. non-disruptive technology refresh
- E. ability to mix-and-match All flash and hybrid nodes

ANSWER: C E

QUESTION NO: 10

A customer has three 4-node HPE 3PAR arrays. Two of the arrays are deployed at a primary site, and the third array is deployed at a disaster recovery site. Both arrays at the primary site are replicated to the single array at the disaster recovery site.

All replication is asynchronous periodic. All arrays are utilizing 4 RCIP links for replication.

The customer needs to add a third array at the primary site. They would like to use the existing array at the disaster recovery site as a replication target for this additional array.

What must the architect consider to meet this customer requirement?

- A.** A single pair of RCIP ports on one array can have a Remote Copy relationship with up to two other arrays
- B.** Remote Copy fan-in ratios of greater than 2:1 are only supported with RCIP when using 10 Gb Ethernet links
- C.** Arrays involved in a Remote Copy relationship must have the same number of node pairs
- D.** Asynchronous streaming replication must be used for Remote Copy fan-in ratios greater than 2:1

ANSWER: A