



HP HPE5-H52

Delta - Advanced HPE Storage Solutions

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Question: 1

You are designing a multi-site storage network for a customer. They require high availability and fast failover between sites. Which HPE storage technology would best meet their needs?

- A. HPE StoreOnce
- B. HPE 3PAR Remote Copy
- C. HPE Nimble Peer Persistence
- D. HPE MSA

Answer: C

Explanation:

HPE Nimble Peer Persistence allows for transparent failover between two sites, ensuring high availability and business continuity. It is designed for high-availability architectures in multi-site environments.

Question: 2

A customer is evaluating the use of SAN technologies in a multi-site solution. Which use case is most suitable for SAN-based storage?

- A. Hosting backup data from geographically distributed sites.
- B. Enabling object-based archival storage.
- C. Supporting transactional databases with block-level access.
- D. Integrating with cloud storage for file sharing.

Answer: C

Explanation:

SAN technologies are most suitable for high-performance transactional databases requiring block-level access, typical in mission-critical applications.

Question: 3

You are asked to implement multi-site data protection and business continuity. Which technology would you recommend for synchronous data replication?

- A. HPE RMC
- B. HPE 3PAR Remote Copy
- C. HPE SimpliVity RapidDR
- D. HPE Nimble Adaptive Flash

Answer: B

Explanation:

HPE 3PAR Remote Copy provides synchronous data replication, ensuring zero data loss and business continuity between sites.

Question: 4

A customer requires a multi-site file storage architecture. Which technology would be the best fit for scalable, object-based storage?

- A. HPE StoreOnce
- B. HPE Cloud Volumes
- C. HPE Apollo 4200
- D. HPE Scalable Object Storage with Ceph

Answer: D

Explanation:

HPE Scalable Object Storage with Ceph is ideal for multi-site architectures where scalable, object-based storage is required for large unstructured datasets.

Question: 5

In a multi-site solution, a customer needs to implement a block storage architecture for virtual machine disks. Which HPE storage solution is most suitable?

- A. HPE MSA
- B. HPE StoreEasy
- C. HPE 3PAR
- D. HPE StoreOnce

Answer: C

Explanation:

HPE 3PAR provides high-performance block storage, making it suitable for virtual machine disks in multi-site environments.

Question: 6

You are positioning HPE storage solutions for a customer with complex storage requirements, including block, file, and object storage. Which HPE storage platform offers flexibility across these workloads?

- A. HPE Apollo
- B. HPE MSA
- C. HPE 3PAR
- D. HPE Primera

Answer: D

Explanation:

HPE Primera offers flexibility for complex workloads by supporting block, file, and object storage, making it suitable for a variety of use cases.

Question: 7

Which HPE tool would you use to size and design a complex multi-site storage solution?

- A. HPE NinjaSTARS

- B. HPE OneView
- C. HPE SalesBuilder for Windows
- D. HPE SAN Design Guide

Answer: C

Explanation:

HPE SalesBuilder for Windows is designed for sizing and designing complex multi-site storage solutions based on customer requirements.

Question: 8

You are tasked with designing a multi-site storage solution for a customer requiring both high performance and efficient data replication. Which HPE product would you recommend?

- A. HPE 3PAR with Remote Copy
- B. HPE StoreOnce with Catalyst
- C. HPE StoreEasy
- D. HPE Apollo

Answer: A

Explanation:

HPE 3PAR with Remote Copy provides high performance and efficient data replication across multiple sites, ensuring business continuity and data protection.

Question: 9

A customer wants to implement data replication on HPE 3PAR arrays across multiple sites. Which replication mode minimizes bandwidth usage while still offering data protection?

- A. Synchronous replication
- B. Asynchronous streaming replication
- C. Peer Persistence
- D. Thin provisioning replication

Answer: B

Explanation:

Asynchronous streaming replication minimizes bandwidth usage while providing data protection between sites in HPE 3PAR deployments.

Question: 10

Which HPE product should be used for integrating data replication across a multi-site environment to support both block and file workloads?

- A. HPE StoreVirtual VSA
- B. HPE Nimble Peer Persistence
- C. HPE Primera with Remote Copy
- D. HPE StoreOnce with Catalyst

Answer: C

Explanation:

HPE Primera with Remote Copy supports both block and file workloads, making it ideal for data replication across multiple sites in a high-availability environment.

Question: 11

You are tasked with configuring an HPE 3PAR storage array for a multi-site deployment. The customer requires high availability and seamless failover between two sites.

Task: Configure HPE 3PAR Peer Persistence between two arrays to allow automatic failover. Ensure synchronous replication is enabled.

Answer:

Configure Peer Persistence for automatic failover.

Set up synchronous replication using Remote Copy to ensure real-time data replication.

Question: 12

A customer wants to configure HPE Nimble storage arrays for a multi-site setup that supports transparent failover.

Task: Configure HPE Peer Persistence on Nimble arrays and validate transparent failover between sites.

Answer:

Enable Peer Persistence on Nimble arrays for transparent failover.

Test the failover process to ensure seamless transition.

Question: 13

A customer is using HPE Nimble with Peer Persistence across two data centers.

Task: Perform a disaster recovery test by simulating a site failure and ensuring that the secondary site takes over without any data loss or downtime.

Answer:

Simulate a failure of the primary site.

Verify that the secondary site continues to provide data access without downtime.

Question: 14

You need to validate a disaster recovery setup using HPE StoreOnce Catalyst between two sites.

Task: Perform a test failover of the backup system and ensure that data can be restored successfully from the secondary site.

Answer:

Simulate a failover in HPE StoreOnce Catalyst.

Verify that data can be restored from the secondary site without any issues.

Question: 15

A client is looking for a hybrid storage solution to optimize both cost and performance.

Task: Recommend a hybrid configuration using HPE Nimble Adaptive Flash arrays.

Answer:

Configure HPE Nimble Adaptive Flash with a mix of SSD and HDD.

Validate the hybrid solution by testing performance and cost efficiency.

Explanation:

Adaptive Flash solutions provide a balance between performance and cost, making them suitable for hybrid environments.

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