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Vendor:HP

Exam Code:HPE0-J58

Exam Name:Designing Multi-Site HPE Storage
Solutions

Version:Demo

QUESTION 1

A customer has two HPE Nimble arrays that are replication partners. The customer suffers a complete outage on the source array. What does the administrator need to do to make the most recent snapshot available?

- A. Verify the automatic failover occurred
- B. Promote the target snapshot
- C. Demote the source snapshot
- D. Perform a handover between the arrays

Correct Answer: B

QUESTION 2

A customer has two HPE 3PAR arrays which are using Remote Copy and AO. The customer notices a large portion of the data is residing in the NL tier of the secondary array, while all tiers are utilized evenly on the primary array. Which statement about the secondary array behavior is true?

- A. The NL CPG in the secondary array is larger
- B. This is normal behavior for AO
- C. There is an improper AO configuration on the secondary array
- D. AO should not be used with Remote Copy configurations

Correct Answer: B

QUESTION 3

A customer requests a proposal for two HPE 3PAR arrays using asynchronous periodic replication. The customer has two data centers, and the current bandwidth available for replication between the data centers is 200 Mb/s. The customer

is replicating 30TB, and the change rate is 3% in 24 hours. The customer wants to achieve an RPO of 10 minutes.

Which statement about bandwidth and replication is true for the customer requirements?

- A. The bandwidth is sufficient, and replication must happen every 5 minutes
- B. The bandwidth will have to be increased, and replication must happen every 5 minutes
- C. The bandwidth is sufficient, and replication must happen every 10 minutes
- D. The bandwidth will have to be increased, and replication must happen every 10 minutes

Correct Answer: B

QUESTION 4

A customer has a pair of HPE 3PAR arrays with Synchronous Replication enabled. They need recommendations for deploying the Quorum Witness when implementing Peer Persistence. What should you recommend to the customer?

- A. The Quorum Witness should be in the secondary data center, with IP connectivity to the HPE 3PAR there
- B. The Quorum Witness should be in a third data center, with FC connectivity to both HPE 3PARs
- C. The Quorum Witness should be in the primary data center, with FC connectivity to the HPE 3PAR there
- D. The Quorum Witness should be in a third data center, with IP connectivity to both HPE 3PARs

Correct Answer: D

Reference: <https://h20195.www2.hpe.com/v2/GetPDF.aspx/4AA5-8914ENW.pdf>

QUESTION 5

A customer has two sites within a short distance. They require a primary storage solution which supports automatic failover for their block storage, SMB shares, and NFS home directories. Which HPE solution best fits the customer's requirements?

- A. HPE 3PAR
- B. HPE Nimble
- C. HPE Simplivity
- D. HPE StoreOnce

Correct Answer: A

QUESTION 6

How does the HPE Nimble Storage product strategy support a customer's investment protection requirements for today and the future?

- A. by supporting replication with arrays from other vendors
- B. by supporting the implementation of third party cache, spinning media, and flash media
- C. by supporting replication between current and previous-generation array models
- D. by supporting the repurposing of obsolete array controllers as high-density servers

Correct Answer: B

QUESTION 7

A customer needs to 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

Correct Answer: B

QUESTION 8

A customer needs a new replication solution that makes use of capacity efficiency technologies, even though data is being replicated to another array. You have been developing a solution that includes two HPE 3PAR arrays. What should you emphasize in your proposal?

- A. The arrays share deduplication hash tables, and the target array only needs to compress the replicated data from the source array
- B. Compression technologies increase the effective bandwidth being available for replication and disaster recovery
- C. Thin Technologies, deduplication, and compression can be used on both sides with volumes in Remote Copy groups
- D. The data being replicated will travel the connection between the arrays fully compressed and deduplicated

Correct Answer: D

QUESTION 9

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

Correct Answer: CE

Reference: <https://h20195.www2.hpe.com/V2/GetPDF.aspx/a00029785enw.pdf>

QUESTION 10

A customer has a solution from another vendor. The customer ran into issues of a disproportionately high failure rate of media keeping logfile data. The issue also appeared in the second array, to which the data is being replicated. The customer specifically asks you for a solution that will not have this same issue. Which feature of HPE 3PAR arrays should you emphasize?

- A. creating snapshots on different physical disks
- B. wide striping data across controllers and disks
- C. ASIC accelerated thin provisioning
- D. inline compression and data packing

Correct Answer: D

QUESTION 11

A customer requires an all-flash solution that will scale out, with multiple arrays for replication. The customer also needs the solution to provide more data per terabyte of flash storage than competing solutions. Which HPE program should you leverage in your solution to help meet the customer's requirements?

- A. HPE Store More Guarantee
- B. HPE Nimble Timeless Storage
- C. HPE Get Thin Guarantee
- D. HPE Get 6-Nines Guarantee

Correct Answer: B

Reference: https://www.hpe.com/emea_europe/en/storage/nimble.html

QUESTION 12

Refer to the Exhibit.

Volume Collection: vc-ms-fileserver

Actions ▼

RECOVERY POINT		REPLICATION PARTNER	MEMBERS	SNAPSHOT RETENTION	
2017-06-12 16:12 Local	2017-06-12 16:10 Remote	gr-dr-arrays	1 Volumes	102 Local	92 Remote
SCHEDULES	VOLUMES	SNAPSHOT COLLECTIONS		EVENTS	All
DELETE	CLONE	SET ONLINE	SET OFFLINE		
■ SNAPSHOT COLLECTION		SNAPSHOT TIME ▼	REPLICATED	No Events	
■ vc-ms-fileserver-2mins-2017-06-12::16:12:0 SCHEDULE Two-minute-schedule		2017-06-12 16:12	In Progress		
■ vc-ms-fileserver-2mins-2017-06-12::16:10:0 SCHEDULE Two-minute-schedule		2017-06-12 16:10	2017-06-12 16:11 ✓		
■ vc-ms-fileserver-2mins-2017-06-12::16:08:0 SCHEDULE Two-minute-schedule		2017-06-12 16:08	2017-06-12 16:09 ✓		

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A customer with an existing HPE Nimble installation sends you the output shown. The administrator who initially set up the replication has left the company. They ask you what the current RPO level for their replication is. How should you respond?

- A. They need to verify the RPO level from the host vc-ms-fileserver
- B. They have an RPO of four minutes
- C. They need to send a screenshot of the volumes tab
- D. They have an RPO of two minutes

Correct Answer: B