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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 HPE B-series switches and is not interested in Extended Fabric licenses for edge switches. They have sites over 10km apart. Which SAN extension technology should you recommend?

- A. FC over DWDM
- B. FC over CWDM
- C. FCoE
- D. FCIP

Correct Answer: D

Reference: <https://h20195.www2.hpe.com/v2/GetPDF.aspx/c04499584.pdf>

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### QUESTION 2

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

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### QUESTION 3

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

Correct Answer: CE

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#### QUESTION 4

You completed the HPE Nimble storage replication partnership in a customer environment.

When you test the network connection from the primary partner to the secondary partner, the test fails; when you test the connection from the secondary to the primary partner, the test is successful.

What is the most likely cause of the failure?

- A. The secondary partner name is not configured properly
- B. The secondary array network ports are misconfigured
- C. The test can only be performed from the secondary array
- D. The primary partner name is not configured properly

Correct Answer: A

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#### QUESTION 5

A customer needs to upgrade their existing HPE 3PAR environment. They ask you to present a solution to gather data from all 200 of their HPE 3PARs arrays, which are spread across the globe. The arrays consist of various generations and OS levels, and they are managed by regional instances of SSMC. What should you present to the customer as a solution?

- A. using an HPE 3PAR CLI script with the checkupgrade command
- B. using a script based on the HPE 3PAR Web Services API
- C. using the upgrade report tool in HPE InfoSight
- D. using the SSMC array configuration reports

Correct Answer: D

Reference: <https://support.hpe.com/hpsc/doc/public/display?docId=c05243943>

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#### QUESTION 6

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**

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.

**Order**

Correct Answer:

**Steps**


**Order**

Replicate all volumes back to the primary array off-line.
Take a snapshot of each volume.
Once the planned outage is over, take the volumes offline.
Perform a handover back to the primary array.

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**QUESTION 7**

A customer has two data centers in a metropolitan area. The link between the data centers is IP-based and satisfies the bandwidth and latency requirements. They have the following requirements:

Transparently and automatically failover and fall back between sites Provide block and file access Block access must provide connectivity for fibre channel and iSCSi hosts All-Flash storage solution

You plan to propose a design based on HPE 3PAR storage arrays.

What would be the most cost-effective model that meets the customer needs?

- A. HPE 3PAR 9450
- B. HPE 3PAR 20850
- C. HPE 3PAR 20450
- D. HPE 3PAR 8450

Correct Answer: D

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## QUESTION 8

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		
[x] SNAPSHOT COLLECTION		SNAPSHOT TIME ▼	REPLICATED	No Events	
[x] vc-ms-fileserver-2mins-2017-06-12::16:12:0 SCHEDULE Two-minute-schedule		2017-06-12 16:12	In Progress		
[x] vc-ms-fileserver-2mins-2017-06-12::16:10:0 SCHEDULE Two-minute-schedule		2017-06-12 16:10	2017-06-12 16:11 ✓		
[x] 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

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## QUESTION 9

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

Correct Answer: A

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#### QUESTION 10

You want to use FCAP authentication in an environment with FOS 7.3 running switches with no extra licenses. What should you do to use this feature?

- A. Switches must be upgraded to FOS 7.4 or higher
- B. Certificates must be obtained from Brocade
- C. A Secure Fabric license must be added to all switches in the fabric
- D. Certificates must be obtained from a third-party vendor

Correct Answer: D

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#### QUESTION 11

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

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#### QUESTION 12

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