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**Exam Code:** HPE0-J80

**Exam Name:** Delta - Architecting Multi-Site HPE Storage Solutions

**Certification Provider:** HP

**Corresponding Certification:** HPE Master ASE - Storage Solutions Architect V2

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**QUESTION 1**

When network constraints are an issue, what is the benefit of the Rest API, when compared to other well-known interface methods, that should be presented to a customer to correctly position HPE OneView?

- A. REST API offers integrated JavaScript Object Notation (JSON) translation.
- B. No state change message bus is needed to communicate with HPE OneView.
- C. REST API has lighter bandwidth requirements.
- D. The code is compatible with all Simple Object Access Protocol (SOAP) scripts.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 2**

A customer wants to lower operational costs by automating Brocade SAN Fabric Zoning to their HPE 3PAR StoreServe array. Which HPE tools can do this for your customer? (Select two.)

- A. HPE 3PAR Management Console
- B. HPE OneView
- C. HPE 3PAR SmartStart
- D. HPE 3PAR Rapid Provisioning
- E. HPE Smart SAN for HPE 3PAR

**Correct Answer:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 3**

You are demonstrating management of HPE 3PAR StoreServ arrays using HPE OneView. When you attempt to add an array, you cannot attach to it. What must you do to resolve this problem?

- A. Reboot the HPE 3PAR StoreServ nodes, one at a time.
- B. Restart the RESTful Application Program Interface (REST API).
- C. Reboot the HPE OneView appliance.
- D. Restart the Web Services Application Program Interface (WSAPI).

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 4

During a meeting with a logistics service provider, the CFO and CIO complain about their existing business intelligence (BI) solution because of its unsatisfactory performance. The CFO is focused on a high ROI and low TCO for the new storage solution. The design parameters to size solution are:

-30K IOPS

-4 TB database size

- VMware vSphere used as Hypervisor

Which HPE 3PAR StoreServ storage configuration should you propose?

- A. HPE 3PAR StoreServ 8400 2-node with 4 x 1,92 TB SSD drives for Adaptive Flash Cache and 12 x 900 GB 15 k
- B. HPE 3PAR StoreServ 8200 with 4 x 480 GB MLC SSD drives for Adaptive Flash Cache, 12 x 900 GB 10 k drives. Base OS, and Optimization Suite v2
- C. HPE 3PAR StoreSev 8200 with 250 x 600 GB 15 k disks, Base OS, and Optimization Suite v2 licenses.
- D. HPE 3PAR StoreServ 8200 with 8 x 1,92 TB cMLC SSD drives, Base OS licenses.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 5

You are designing a solution involving HPE 3PAR storage for a customer. The customer's business is experiencing significant growth, which requires them to invest in a highly-available storage solution. The customer has already invested in two separate data centers, but cannot initially afford to purchase two systems. The solution must be capable of providing complete local hardware redundancy. In the near future, the solution will be expanded to be geographically independent, and storage systems will be located in both data centers.

Which HPE 3PAR storage system feature could be an essential advantage to this customer's business case?

- A. All current HPE 3PAIR storage system models can replicate data with each other and provide transparent failover of access to data between data centers.
- B. Only HPE 3PAR storage system with Peer Persistence license can replicate data with each other and provide transparent failover of access of data, independent of the number of controller nodes per storage systems.
- C. All HPE 3PAR storage system models with an identical number of controller nodes can replicate data with each other and provide transparent failover of access to data between data centers.
- D. Only current HPE 3PAR storage system models can replicate data with each other and provide transparent failover of access to data when the number of controller nodes is identical when RMC-V is used.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 6

Which HPE backup product enables data-at-rest encryption?

- A. HPE Enterprise Secure Key Manager
- B. HPE StoreOnce, using the Catalyst Store
- C. HPE StoreOnce Security Pack
- D. HP Library and Tape Tools

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 7

As part of solution tuning, you want to add online, application-consistent snapshots to a customer's environment  
Which tasks must be performed? (Select two.)

- A. Delete the snapshot
- B. Stop the VM
- C. Release file locks
- D. Flush the buffers

E. Quiesce the file system

**Correct Answer:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 8**

Which technology allows HPE to maximize available capacity utilization of SSD drives?

- A. HPE 3PAR Global Sparing
- B. HPE 3PAR Adaptive Sparing
- C. HPE 3PAR Adaptive Optimization
- D. HPE 3PAR Distributed Sparing

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 9**

You are working with a junior storage administrator to document an existing SAN implementation. You must determine if an HPE 3PAR StoreServ 7000 is cabled correctly. The admin only has the 3parcust credentials. How can you verify that the array is correctly cabled?

- A. Check the Storage Systems section in HPE OneView.
- B. Execute a Checkhealth through SPOCC.
- C. Use the HPE SAN Visibility tool,
- D. Use HPE 3PAR StoreServ Management Console (SSMC) with read-only rights.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 10

With regard to converged infrastructure, how does the HPE Converged Storage strategy view a customer's IT infrastructure? (Select two.)

- A. Workloads and applications are abstracted from the infrastructure.
- B. Customers' IT infrastructure is seen as an end-to-end process.
- C. APIs are required for Software-defined storage.
- D. All storage in the IT infrastructure components are seen as entirely virtual.
- E. Control of the data center becomes entirely automated by hardware and software

**Correct Answer:** AE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 11

You are planning a multi-site HPE StoreVirtual environment. The customer wants to use two VMware vSphere hosts at each datacenter. Which StoreVirtual OS technology should be implemented as part of your plan to reduce network traffic between the sites?

- A. I/O path preferencing
- B. FOM quorum management
- C. QoS
- D. application-management snapshots

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 12

At which level is an HPE 3PAR StoreServ deduplication performed?

- A. CPG
- B. VV

- C. RAID
- D. RCG

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 13

A customer has a multi-site environment and plans to consolidate file-and-block-level data. A proof of concept is arranged to familiarize the customer with HPE 3PAR StoreServ File Persona functionality.

Which statement is true when failing over file-level data between the arrays?

- A. The Peer Persistence Arbitrator must register the file shares before a failover is initiated.
- B. An automated failback is initiated once the primary storage system comes back online.
- C. The clients must reconnect to NAS shares once failover is complete.
- D. A second cluster IP must be configured as a DNS alias for the file shares running on the HPE 3PAR StoreServ.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 14

You are presenting an HPE 3PAR solution to a new customer. Your proposal includes a transparent failover capability of applications between data centers. The customer has concerns about returning service to the initial configuration and direction of data flow (failback) following a failover event.

What should you explain to the customer to address this concern?

- A. There are specific tools for failback that are easy to use.
- B. After restoring the data from a backup device, the failback is initiated automatically.
- C. The processes for failover and failback are equally transparent to the hosts.
- D. Failback is initiated automatically when the failed storage system is in service again.

**Correct Answer:** D

**Section:** (none)

**Explanation****Explanation/Reference:**

Explanation:

**QUESTION 15**

A customer's business needs 24 x 7 uptime and highest data availability. In the past, the customer has experienced revenue loss from several outages during firmware upgrade processes with non-HPE products due to temporary loss of access to disk enclosures. There is a need for 80 TB of Tier-0 storage. You propose cage availability in the new design, using an HPE 3PAR StoreServ 2-node system containing 80 x 1.92 TB cMLC SSD drivers.

When following HPE best practices, how many additional enclosures should be included in the system?

- A. 0
- B. 1
- C. 2
- D. 3

**Correct Answer: D**

**Section: (none)**

**Explanation****Explanation/Reference:**

Explanation:

**QUESTION 16**

Which additional value should you focus on during a solution presentation for an HPE 3PAR StoreServ system using 3.84 TB cMLC SSD drives to appeal to the interests of the company's CFO?

- A. savings of the solution when compared to a similar configuration using 10 k SAS drives
- B. savings of the solution when compared to 1.92 TB cMLC SSD
- C. performance gain when compared to 1.92 TB cMLC SSD
- D. savings of the solution, which approaches the cost of 15 K SAS drives

**Correct Answer: A**

**Section: (none)**

**Explanation****Explanation/Reference:**

Explanation:

**QUESTION 17**



What must be done before demonstrating Recovery Manger Central Express Protect?

- A. The storage array must be configured for file and block data
- B. The StoreOnce system must be set up with a fileshare
- C. A StoreOnce replication license must be activated
- D. A StoreOnce Catalyst license must be activated

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 18

A customer has almost reached the maximum number of domain IDs in a B-series, Fibre Channel SAN fabric. The company has also recently acquired another company and needs to integrate their C-series Fibre Channel SAN to be able to share the SAN infrastructure. Which feature should you enable on the C-series, Fibre Channel edge switches to meet these requirements?

- A. NPV mode
- B. FSPF routing
- C. hard zoning
- D. soft zoning



**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 19

You present an HPE 3PAR StoreServ 8450 all-flash solution to a customer's C-level management. Which HPE 3PAIR technologies should you focus on to convince the CIO that your proposed solution is more cost-efficient competitor products? (Select two.)

- A. thin deduplication
- B. adaptive sparing
- C. express writes
- D. virtual copy

E. virtual domains

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 20

A customer purchased an HPE 3PAR all-flash array to accelerate the company's databases. The customer is concerned about the risk of data loss. Synchronous replication is currently being used, but it is causing slow I/O due to limited network bandwidth and latency, both of which cause application slowdown. Which alternative solution should you propose to address the issue?

- A. Asynchronous Streaming Remote Copy
- B. Synchronous Long Distance Remote Copy
- C. Periodic Asynchronous Remote Copy
- D. Peer Persistence

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 21

You are proposing an HPE 3PAR StoreServ solution to a new customer who has never owned HPE Storage products. The customer is interested in migrating their data from the existing solution with minimal service impact. Which HPE 3PAR StoreServ feature option should you introduce to this customer?

- A. attaching an HPE 3PAR StoreServ management application to other vendors' storage systems
- B. moving data off other vendor's arrays onto HPE 3PAR StoreServ arrays with online import
- C. importing space-efficient snapshots created on other arrays for backup purposes
- D. employing HPE 3PAR Remote Copy, connected to the other Vendors' storage system.

**Correct Answer:** A

**Section:** (none)

**Explanation**