



# HP

## Exam Questions HPE0-J68

HPE Storage Solutions

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NEW QUESTION 1

- (Exam Topic 1)

You deployed and configured an all-flash Nimble array. The customer wants to attach their Windows-based server to the array. Which HPE tool can you use on the host server to make the integration easier?

- A. StorServe Management Console
- B. Channel bonding
- C. Connection Manager
- D. Centralized Management Console

Answer: C

NEW QUESTION 2

- (Exam Topic 1)

Match the feature to the appropriate C-Series DCNM license type.

Answer Area

SAN Essentials Edition		Bundled at no charge with the C-series switches
Advanced Edition		Provides configuration, real-time monitoring, and troubleshooting capabilities
		Switch/server-based license
		Historical performance monitoring for network traffic hotspot analysis

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, application Description automatically generated

NEW QUESTION 3

- (Exam Topic 1)

You need to deploy a Recovery Manager Central appliance and integrate it with a customer's 3PAR system. Which information must be collected from the customer in order to proceed with the installer? (Choose two.)

- A. StoreOnce store name
- B. vCenter IP address or hostname
- C. HPE 3PAR used capacity
- D. IP address of the RMC
- E. NFS path

Answer: CD

NEW QUESTION 4

- (Exam Topic 1)

You need to create an N:M relationship between VMware hypervisors and virtual volumes with the least amount of administrative overhead. Click the option where you can create a group of VMware hypervisors for volumes provisioning.

Primera & 3PAR SSMC

GENERAL

BLOCK PERSONA

STORAGE OPTIMIZATION

DATA PROTECTION

STORAGE SYSTEMS

SYSTEM REPORTER

SECURITY

VMWARE

Dashboard

Activity

Schedules

Settings

Hosts

Host Sets

Virtual Volumes

App Volume Sets

Common Provisioning Groups

Policies

Priority Optimization

RMC Instances

Systems

Controller Nodes

Ports

Drive Enclosures

Physical Drives

Reports

Threshold Alerts

Advanced Analytics

Users

LDAP

Virtual Machines

HOP\_datastore

HOP\_datastore.r

ME-Demo-AutoCPG

ME-Demo-AutoCPG.r

ME-Demo.0

ME-Demo.1

test.1

test.2

test.3

test\_1FM

test\_1FM\_clone

test\_k

SDP1

SDP2-Alex-Gonzalez

SDP1

SDP2-Alex-Gonzalez

SDP1

SDP1

SDP1

SDP1

SDP1

SDP1

SDP1

Companion Type

Provisioning

Debug

Compression Mode

RAID

Adaptive optimization

CPG

Copy CPG

Comments

Virtual Machines

App Volume Set

9.4.1

Base

Thin

Yes

Yes

Read/Write

RAID 6

-

SSD r/s

SSD r/s

-

Average throughput in MB/sec

Average latency in ms

Copies

Clones

Snapshots

Snapshot policy

Remote copy group

0

0

none

HOP Demo Replication.r518789

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, text Description automatically generated

**NEW QUESTION 5**

- (Exam Topic 1)

You are designing a new enterprise array solution. The customer is interested in a caching tier that provides extremely low-latency and persistent storage at the same time. They also need to support more than 500GB.

Which technology should you recommend?

- A. DRAM
- B. SRAM
- C. NVMe SCM
- D. NAND SSD

**Answer:** D

**NEW QUESTION 6**

- (Exam Topic 1)

A customer is planning to replace their existing LTO-6 tape library with a new HPE StoreEver MSL2024 tape library. They want to reuse their existing LTO-6 tape cartridges for reads and writes.

What is the latest tape drive technology that will provide backward compatibility?

- A. LTO8
- B. LTO5
- C. LTO6
- D. LTO7

**Answer:** D

**NEW QUESTION 7**

- (Exam Topic 1)

A customer needs a centralized solution for storing departmental data to be accessed by Windows-based laptops and other personal devices.

Which solution should you recommend?

- A. Block storage, directly accessed over FC
- B. Block storage, directly accessed over SAS
- C. Object storage, accessed over S3 connector
- D. File-oriented storage, accessed over SMB

**Answer:** B

**NEW QUESTION 8**

- (Exam Topic 1)

Which tool is used to provide centralized management of 3PAR and Primera arrays?

- A. SMU
- B. Primera UI
- C. WebUI
- D. SSMC

**Answer:** D

**NEW QUESTION 9**

- (Exam Topic 1)

A customer environment includes:

10 DL380 Gen8 servers in a VMware Cluster

2 MSA storage arrays

2 8GB b-series fibre channel switches

The customer needs to replace their environment because it is end of life. They have limited budget. The customer is primarily concerned with management because they have limited IT staff, and they want to move away from fibre channel.

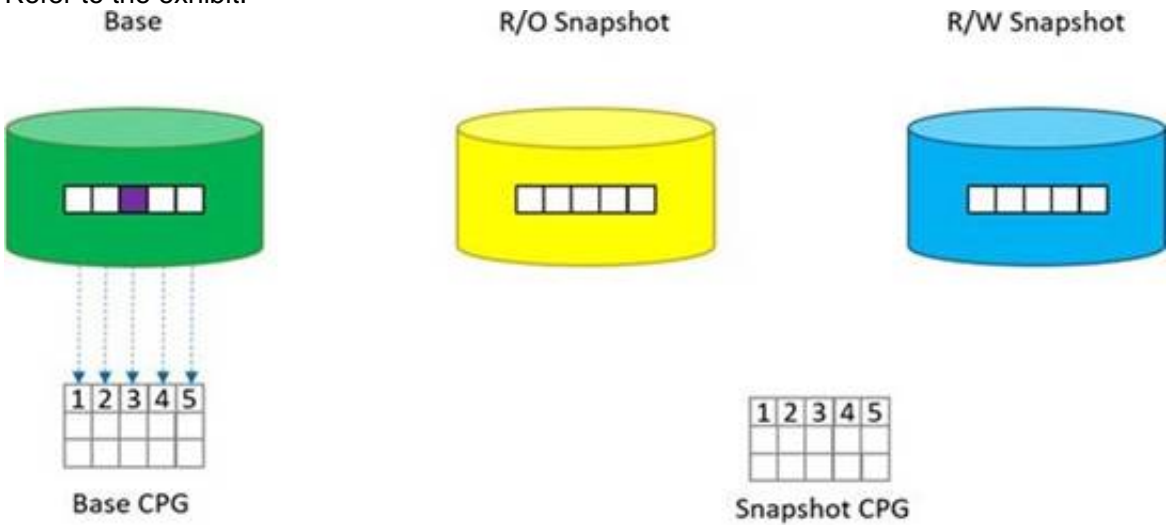
Which HPE Storage should you recommend?

- A. HPE Primera
- B. HPE XP8
- C. HPE Nimble dHCI
- D. HPE StoreOnce

**Answer:** A

**NEW QUESTION 10**

- (Exam Topic 1)  
Refer to the exhibit.



You create two snapshots of a thin provisioned base volume in an HPE Primera. One snapshot is read only and the other is read-write. A write occurs at the location shown in in the diagram.  
Place the actions on the left into the order they are taken on the right.

Action	Order
Copy block to snapshot CPG	
Redirect the snapshots	
Update the block with new data	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
A picture containing diagram Description automatically generated

NEW QUESTION 10

- (Exam Topic 2)  
Which storage principle would benefits of customer who has several departments in their organization with different storage needs?

- A. Autonomic Management
- B. Federated storage
- C. Scale out storage
- D. Multi-tenancy

Answer: D

NEW QUESTION 14

- (Exam Topic 2)  
Which functionality available in an HPE 3 Par StoreServ 8400 system that is not available in an HPE 3par Storesrve 7200

- A. Data at Rest Encryption
- B. Persistent Checksum end-to-end data integrity (correct)
- C. Adaptive optimization and dynamic Optimization
- D. Online import license

Answer: B

NEW QUESTION 15

- (Exam Topic 2)  
Match the HPE converged Strategy principle with its function

- A. Federated Storage:- Move data between storage systems in peer-to-peer relationship simply, dynamically and nondestructively
- B. Deduplication:-Reduce allocated capacity by eliminating data redundancy
- C. Thin provisioning:-Reduce TCO ,Opex and CPEx by using virtualization technology to make storage resources more efficient.
- D. Storage tiering:-Use combination of I/O accelerator to place data to meet price, performance, and latency requirements .
- E. Storage virtualization:- Deliver simplified management ,higher utilization ,efficient, and agility by separating the logical and physical resource.

Answer: E

NEW QUESTION 19

- (Exam Topic 2)

How does the HPE StoreVirtual VSA storage platform scale performance and capacity?

- A. eliminates the need for storage controllers
- B. enables access through multiple protocols
- C. aggregates all resources into a single storage pool
- D. recreates storage pools on multiple devices

**Answer:** D

#### NEW QUESTION 22

- (Exam Topic 2)

A customer is a cloud service provider with infrastructure powered by HPE 3PAR Storeserv 9000. The customer is concerned about their ability to ensure the quality of service and protect their tenants from unpredictable bursts of I/O from other tenants. What should you recommend to your customer?

- A. Use priority optimization to enable service level for workloads
- B. Use virtual domain to automatically set multi-tenant policies
- C. Use dynamic optimization to automatically manage quality of service
- D. Use adaptive optimization to optimize service level automatically

**Answer:** A

#### NEW QUESTION 26

- (Exam Topic 2)

Which storage feature is supported by both the HPE StoreVirtual and the HPE 3PAR StoreServ storage, and is a key differentiator of HPE storage solutions in the industry?

- A. Network RAID
- B. Peer Motion
- C. virtual Copy
- D. Dynamic Optimization

**Answer:** B

#### NEW QUESTION 27

- (Exam Topic 2)

Which technology is used in a B-series SAN switch to prevent communication between unauthorized devices?

- A. Port isolation
- B. IVR
- C. Zoning
- D. VSAN

**Answer:** A

#### NEW QUESTION 29

- (Exam Topic 2)

Which storage protocol is supported by virtual connect Flex-10?

- A. FCoE
- B. FC
- C. iSCSI
- D. FCIP

**Answer:** C

#### NEW QUESTION 31

- (Exam Topic 2)

Which 3PAR storeServ feature allows the host to continue I/O uninterrupted during a firmware update?

- A. Persistent Memory
- B. Persistent port (96)
- C. Peer persistence
- D. Persistent Cache

**Answer:** B

#### NEW QUESTION 33

- (Exam Topic 2)

You are presenting a Nimble solution based on CS3000 hardware to a customer. Which support advantage will be provided with this solution (select two)?

- A. Customers always interact with a 3rd level support engineer, when needed
- B. Customers only have to deploy a service processor for automating support tasks.
- C. Infosight handles the work of 1st and 2nd level support specialist. Infosight offers predictive analytics and integration into HPE support center using insight Online.
- D. Infosight performs firmware and software updates without additional administrative support.

**Answer:** AC



#### NEW QUESTION 38

- (Exam Topic 2)

A customer asks for a 50 TB disk-based backup solution with deduplication. They also need additional storage for test/dev purposes. Which single HPE storage platform can you present to the customer that will meet both of their needs?

- A. HPE Nimble SF series
- B. HPE StoreEasy Gateway
- C. HPE StoreOnce
- D. HPE Nimble CS series

**Answer: A**

#### Explanation:

HPE quick specs, they also offer the flash-optimized performance needed to run development/test, QA, and analytics workloads on your backup data—plus production workloads when needed.

#### NEW QUESTION 39

- (Exam Topic 2)

A customer has a large deployment of HPE Synergy compute modules, HPE 3PAR StoreServ storage, and HPE StoreOnce systems in a single data center. They are concerned about the risk of data loss due to site disaster.

What is the reason to propose HPE CloudBank?

- A. To easily move workloads to AWS or Azure in the event of site disaster.
- B. To improve RPO/RTO objectives by automating snapshot-based integrating between 3PAR and StoreOnce.
- C. To regularly send backups to the cloud for the purposes of DR protection.
- D. To leverage 3PAR snapshots and utilize StoreOnce recovery capabilities to minimize data loss and downtime.

**Answer: C**

#### NEW QUESTION 44

- (Exam Topic 2)

Exhibit:



The customer has upgraded the first of their two HPE StoreServ 8200to the latest inform OS version to take the advantage of the compression feature .You have been asked to design the storage configuration to support oracle database volume to utilize HPE 3PAR compression . Based on the analysis of the array .what would be your suggestion to implement the requested change?

- A. Install the catalyst agent on the oracle server to enable inline compression on the selected VV
- B. Configure the source-side the compression to offload compression to the Host
- C. Balance the workloads between the arrays to have enough headroom for compression
- D. Consider adding another node pair for compression to work efficiently

**Answer: A**

#### NEW QUESTION 46

- (Exam Topic 2)

A customer with an HPE 3PAR StoreServ needs to upgrade their aging backup solution to a more advanced solution using snapshots and deduplication. Which HPE products would meet the customer's needs? (Choose two.)

- A. HPE 3PAR File Persona
- B. HPE StoreEver
- C. HPE 3PAR Remote Copy
- D. HPE StoreOnce
- E. HPE Recovery Manager Central

**Answer: DE**

#### NEW QUESTION 47

- (Exam Topic 2)

A customer needs to upgrade their HPE storage environment, including driver and firmware levels and OS, to the latest version. Where can you find the needed information about supported versions?

- A. HPE Storage Assessment Foundry
- B. HPE SAN Design Reference Guide
- C. HPE OneView
- D. HPE SPOCK

**Answer:** D

#### NEW QUESTION 52

- (Exam Topic 2)

A customer wants to expand his cascaded B-series based SAN but is concerned about latencies within the SAN backend. You recommend changing the topology to a full mesh.

Which switch feature will ensure that the latencies in the backend are at the lowest possible level?

- A. LACP
- B. NPIV
- C. FSPF
- D. VSF

**Answer:** C

#### NEW QUESTION 53

- (Exam Topic 2)

Which file protocols are commonly used in HPE StoreOnce environments? (Choose two.)

- A. CIFS
- B. NTFS
- C. VFS
- D. ZFS
- E. NFS

**Answer:** AE

#### NEW QUESTION 55

- (Exam Topic 2)

You are presenting the HPE StoreEver portfolio to a media agency. What advantage is offered when using LTFS?

- A. file management capabilities will be provided with tape cartridges
- B. WORM functionality for file, block and object storage access on tape
- C. file encryption with public and private key management
- D. file and block data management within an HPE HSM solution

**Answer:** A

#### NEW QUESTION 56

- (Exam Topic 2)

A customer has mission-critical applications that intermittently experience heavy disk I/O. The storage speed has the most impact on the application's performance. The customer does not want to dedicate SSD disks to these applications because additional performance is only needed periodically, and moving the volumes between tiers takes too long.

Which HPE StoreVirtual VSA feature can address this customer's challenge?

- A. Storage virtualization
- B. Space Reclamation
- C. Thin Provisioning
- D. Adaptive Optimization

**Answer:** D

#### NEW QUESTION 61

- (Exam Topic 2)

Which statement is correct when comparing functionalities of the AF,CF, and SF series in the nimble storage portfolio?

- A. Zero copy clone are unique feature of all flash array within the nimble portfolio
- B. SF series supports storage snapshots and replication using veeeam backup & replication CS and AF series support storage snapshot only.
- C. Inline deduplication for complete array capacity in combination with compression is offered by the AF and SF series only (67) need to check
- D. 99.9999% availability measured and guaranteed for AF and CF series arrays, SF series array offer 99.999% availability.

**Answer:** C

#### NEW QUESTION 63

- (Exam Topic 2)

You are planning a single-site Nimble solution with iSCSI connectivity. Two 10GbE SFP+ dual port NICs are included in the configuration. You designed an Intelligent Resilient Framework (IRF) stack with HPE FlexFabric 5900CP switches.

Which statement is correct when discussing the IRF limits for this configuration?

- A. When connecting an iSCSI storage to an IRF stack, a minimum of four 10GbE ports must be used per switch.
- B. A maximum of two switches can be used in an IRF stack when connecting storage.
- C. In an IRF stack with storage connectivity, the 40GbE ports cannot be used.
- D. The used IRF ports for iSCSI traffic have to be configured as 10GbE converged ports.

**Answer:** A



### NEW QUESTION 67

- (Exam Topic 2)

Refer to the exhibit:

Port ID	Label	System	Port Type	Port State	
0:1:1	-	3PAR	Host	Ready	
0:1:2	-	3PAR	Free	Loss Sync	
0:2:1	-	3PAR	Host	Ready	
0:2:2	-	3PAR	Host	Offline	
0:0:1	DP-1	3PAR	Disk	Ready	
0:0:2	DP-2	3PAR	Disk	Ready	
0:3:1	RCIP0	3PAR	RC	Offline	

0:1:1 | Overview

General

Port ID

0:1:1

System

3PAR

Label

-

Protocol

FC

Rate

8 Gbps

Adapter type

EMULEX LPe12002

CNA port

No

WWN

Port type

Host

Mode

Target

Mode change

Allowed

Connected devices

3 hosts

Which type of data format do you expect in the red rectangle?

- A. 172.16.31.11/24
- B. 94:b4:0f:cd:34:8a
- C. iqn.2015-02.com.hpe:oneview-vcgeDav000
- D. 20110002AC00736E235.524

**Answer:** D

### NEW QUESTION 72

- (Exam Topic 2)

A customer's growing environment has a mix of HPE 3PAR StoreServ 8200 with 10K HDD, HPE 3PAR StoreServ 9450, and HPE 3PAR StoreServ 2080D with 3 tiers of storage deployed in the same data center. The customer needs to optimize performance by being able to move workloads to the most appropriate array as needed.

Which solution enables the customer to achieve this goal?

- A. HPE OneView to automate cpg migration based on user defined policies.
- B. HPE 3PAR Remote Copy in a Synchronous Long Distance topology.
- C. HPE Smart SAN to provide autonomic federated management.
- D. HPE 3PAR Peer Motion with SSMC to manage storage federation.

**Answer:** D

### NEW QUESTION 76

- (Exam Topic 2)

A customer recently acquired another company and found that the existing infrastructure was outdated and costly to maintain. They need to put a complete infrastructure solution in place that minimizes the footprint in the data center as quickly and possible. Which solution you recommend?

- A. Simplicity 380
- B. Bladesystem 7000
- C. Converged systems
- D. Synergy 12000

**Answer:** A

### NEW QUESTION 77

- (Exam Topic 2)

A customer is looking for a centralized file-sharing solution that can provide print services in addition to 15TB of storage.

Which solution component should you recommend?

- A. FC switch
- B. NAS
- C. FC-based array
- D. Disk enclosure with integrated SAS switch

**Answer:** B

### NEW QUESTION 81

- (Exam Topic 2)

A customer has a large amount of the data on their Primera that is mission critical. The business needs RPO to be under 5 minutes.

Which protection technology should you recommend?

- A. synchronous replication
- B. asynchronous replication
- C. archiving
- D. backup to tape

**Answer:** A

#### NEW QUESTION 86

- (Exam Topic 2)

You are planning a single-site Nimble solution with iSCSI connectivity. Two 10GbE SFP+ dual port NICS are included in the configuration. You designed an intelligent Resilient Framework (IRF) stack with HPE FlexFabric 5900CP switches.

Which statements is correct when discussing the IRF limits for this configuration?

- A. When connecting an iSCSI storage to an IRF stack, a minimum of four 10GbE ports must be used per switch.
- B. A maximum of two switches can be used in an IRF stack when connecting storage.
- C. In an IRF stack with storage connectivity, the 40GbE ports cannot be used.
- D. The used IRF ports for iSCSI traffic have to be configured as 10GbE converged ports.

**Answer:** B

#### NEW QUESTION 91

- (Exam Topic 2)

Which protocols are currently used in the front end by HPE 3PAR StoreServ systems? (Choose two.)

- A. iSCSI
- B. Infiniband
- C. SAS
- D. NVMe
- E. FC

**Answer:** AE

#### NEW QUESTION 94

- (Exam Topic 2)

A customer need a backup solution to their virtualized environment .The backup solution must be agentless ,hypervise independent and integrated with HPE storage solutions. The solution must support Nimble snapshot and replication management. What products meets the customer requirement?

- A. HPE storeOnce Recovery manager central
- B. Commvault Simpana Intellisnap
- C. Micro Focus Data Protector
- D. Veem Backup and Replication

**Answer:** D

#### NEW QUESTION 96

- (Exam Topic 2)

Which statement describes HPE StoreVirtual Network RAID functionality?

- A. Redundancy is managed on a per-volume basis.
- B. With Network RAID 10+2 data is striped and mirrored across two or more storage systems.
- C. Network RAID 10 requires an even number of storage nodes.
- D. Volumes remain available if an odd number of nodes are available.

**Answer:** A

#### Explanation:

Redundancy is managed on a per volume basis to improve storage utilization and to remove any single point of failure.

#### NEW QUESTION 100

- (Exam Topic 2)

Which statement is true when defining object storage ?

- A. It is most suited for sharing files and characterized by volumes
- B. It is most suited for unstructured data and characterized by file share protocols like NFS
- C. It is most suited for unstructured data and characterized by containers or buckets
- D. suited for database It is most and characterized by containers or buckets

**Answer:** C

#### NEW QUESTION 105

- (Exam Topic 2)

What is used to migrate data between nodes in an HPE StoreVirtual VSA environment?

- A. Network RAID
- B. Peer Motion
- C. SmartClone
- D. Remote Copy

**Answer:** B

#### Explanation:

Integrated with HPE Recovery Manager Central for seamless data movement to StoreOnce Backup appliances and StoreOnce VSA, and bidirectional replication with 3PAR StoreServ arrays (Peer Copy).

#### NEW QUESTION 109

- (Exam Topic 2)

A customer has an existing environment with 3PAR, Nimble and MSA. They are providing file servicing from all arrays with multiple virtual machine but preference is not adequate.

What should you add to the environment to increase performance, increase availability, and reduce management overhead?

- A. StoreEasy 3850 Gateway
- B. StoreEasy 5000
- C. 3PAR File Persona
- D. Simplvity 380

**Answer:** A

#### NEW QUESTION 111

- (Exam Topic 2)

Which storage sizing tool, designed specifically for the HPE 3PAR StoreServ environment, shows the expected deduplication ratio based on actual data analysis of the customer's current environment?

- A. NinjaCrawler
- B. StoreVista
- C. NinjaThin
- D. NinjaStars

**Answer:** D

#### NEW QUESTION 112

- (Exam Topic 2)

A customer migrate their infrastructure from a 3rd party storage to a Nimble environment. During an architecture workshop, you discuss VMvision with the customer and the system engineer. Which statement is correct when implementing performance monitoring using VMVision?

- A. Nimble service processor collects relevant per VM performance data and send them using SSL port 443 to VMvision
- B. VMvision is an agentless integration into infosight and needs only the Vcenter server appliance credentials to connect
- C. (page 112)
- D. VMware vSphere storage API's array integration (VAAI) has to be configured to combine storage and VM performance metrics
- E. SNMP trap service has to be configured to send traps to infosight and integrate performance data using VMvision.

**Answer:** C

#### NEW QUESTION 117

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