

# HP

## Exam Questions HPE0-J68

HPE Storage Solutions



**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)

A customer is implementing an SAP HANA environment and is looking for an alternative to an entirely in-memory database. Which storage technology should you recommend?

- A. SAS SSD
- B. NVMe SSD
- C. NVMe SCM
- D. Intel Optane

**Answer:** D

**NEW QUESTION 5**

- (Exam Topic 1)

What is the purpose of WWN in FC SAN? (Choose two.)

- A. Identification of zone members
- B. Identification of entities denied access to a volume
- C. Identification of entities via Storage Name Server (SNS)
- D. Load balanced frame delivery
- E. Forward translation of DNS entries

**Answer:** CE

#### NEW QUESTION 6

- (Exam Topic 1)

You are installing an HPE 3PAR StoreServ solution and need to integrate the array with the 3rd party monitoring application customer is using. Which technology can be configured at 3PAR to support forwarding events from the array to the customer's monitoring application?

- A. IPMI
- B. NTP
- C. SNMPv3
- D. DMI

**Answer: C**

#### NEW QUESTION 7

- (Exam Topic 1)

A customer successfully implemented an HPE Primera solution.

Which tool can be used to verify achieved savings from deduplication and compression in the customer solution?

- A. NinjaSTARS
- B. 3PAR Service Processor
- C. NinjaCrawler
- D. StoreServ System Management Console

**Answer: D**

#### NEW QUESTION 8

- (Exam Topic 1)

A customer is planning to upgrade their HF40 controllers to support additional I/O requirements. To which model can they upgrade to meet their new requirements?

- A. AF60
- B. AF40
- C. HF60
- D. HF40C

**Answer: D**

#### NEW QUESTION 9

- (Exam Topic 1)

You have proposed that a customer replace their legacy SAN switches with new ?-Series switches. They are concerned about the management of all the devices, so you have included SANnav in the proposal.

What are the benefits of SANnav that you should emphasize to this customer? (Choose two.)

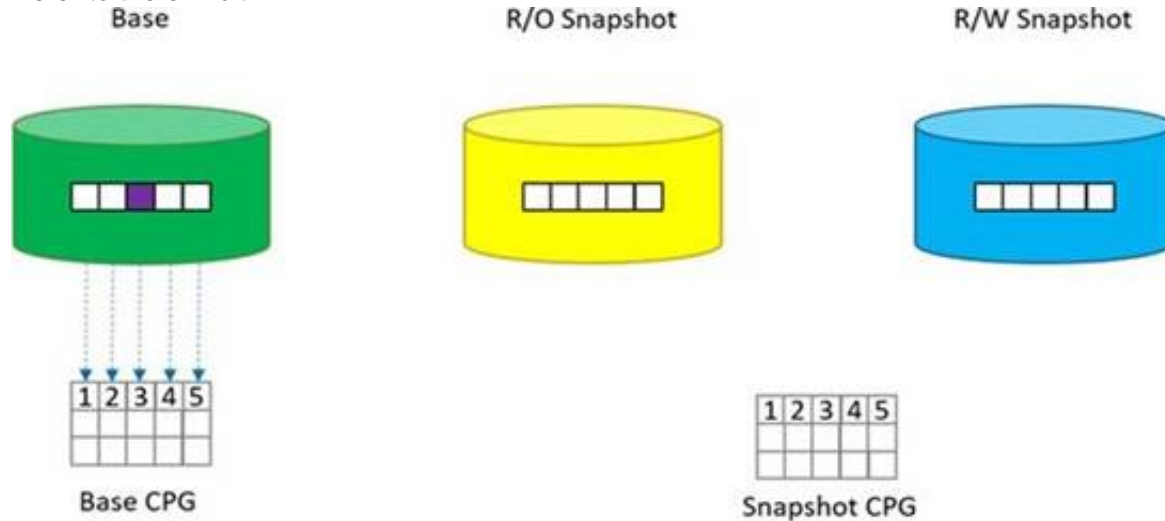
- A. It runs in a dedicated JVM
- B. It offers automated SPOCK validation
- C. It runs in a browser
- D. It provides a global View
- E. It provides fine-grain visibility into Storage Fabrics (FC + Ethernet)

**Answer: CD**

#### 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 1)

A customer has a VMware environment running vSphere 6.5. They are running DL380 Gen10 servers with HPE 82Q adapters connected through a HPE SN3000B switch to a Nimble HF40. They plan to upgrade the hypervisor.

What should they use to identify the latest firmware and compatibility information?

- A. SAN Health Diagnostics
- B. SPOCK
- C. OneView
- D. SAN Design Reference Guide

**Answer:** B

#### NEW QUESTION 13

- (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 18

- (Exam Topic 2)

Which storage sizing tool, designed for HPE 3PAR StoreServ, can be used to determine whether customers qualify for the Get Thin Guarantee Program?

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

**Answer:** A

**Explanation:**

By performing a free NinjaProtected backup assessment, HPE and its partners can demonstrate how customers can reduce the amount of backup data they need to store by 95%—guaranteed (HPE StoreOnce Get Protected Guarantee Program)

#### NEW QUESTION 19

- (Exam Topic 2)

A customer wants to implement a management and monitoring tool for an HPE B-series SAN switch environment. You plan to recommend the HPE SAN Network Advisor.

Which information about the customer's environment will help you to decide which edition to recommend?

- A. FCIP support
- B. Amount of used fabrics
- C. FCoE support
- D. Fabric OS version

**Answer:** B

**Explanation:**

– SAN Network Advisor is available in three types of bundles:• No-charge SAN Professional: Up to 300 switch ports, 2 fabrics, B-series Fabric OS only.• For-charge SAN Professional Plus: Up to 2560 switch ports and 36 fabrics.• For-charge SAN Enterprise: Up to 15000 switch ports and 100 fabrics. This bundle is

required for B-series DC SANBackbone Director, SN8000B 8-Slot SAN Director and FICON management.

#### NEW QUESTION 23

- (Exam Topic 2)

How does HPE StoreVirtual DSM for windows enhanced Microsoft windows native MPIO?

- A. It automatically create an I/O path to each storage system in the cluster
- B. It automatically adjusts transfer block
- C. It automatically combines HPE thin provisioning and volume migration technology
- D. It automatically adjusts the availability bandwidth between the switch and the array

**Answer:** A

#### NEW QUESTION 24

- (Exam Topic 2)

Which value does an HPE Nimble solution provide in addition to other HPE storage solutions

- A. All inclusive software licensing over 5 years and additional capacity upgrades
- B. Upfront option for free controller upgrade after 3 years
- C. Flat support pricing for all hardware components
- D. Tier 1 and tier 2 phone support

**Answer:** D

#### NEW QUESTION 27

- (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 32

- (Exam Topic 2)

A customer needs to add another HPE 3PAR StoreServ system and plans to use the federated storage approach. Which advantages can the customer expect? (Choose two.)

- A. load balancing
- B. reduced power, cooling, and environmental impacts
- C. allows multiple management tools
- D. easier migration
- E. federated deduplication

**Answer:** AD

#### Explanation:

Federated storage—Move data between storage systems in a peer-to-peer relationship simply, dynamically, and nondisruptively to improve storage utilization, balance workloads, and ease storage migration.

#### NEW QUESTION 36

- (Exam Topic 2)

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

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

**Answer:** A

#### NEW QUESTION 39

- (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 41

- (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 45

- (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 48

- (Exam Topic 2)

A customer uses Recovery manager central for Vmware (RMC-V).They need to ability to perform granular recovery of application item directly from backups...Which solution integrates with RMC-V to provide the desired requirements?

- A. Veeam Backup & Replication
- B. Netbackup
- C. StoreOnce cloudbank
- D. CommVault

**Answer:** A

#### NEW QUESTION 53

- (Exam Topic 2)

A customer with several HPE 3PAR StoreServ arrays has reported latencies with newly updated applications. You have proposed changes to the AO configuration and need to provide high-resolution reports on how the change has affected the latencies.

What should you propose on delivering the service time and I/O workload information daily for you and the customer?

- A. Use IMC to schedule performance data gathering and email delivery.
- B. Schedule SSMC System Reporter to send the defined email reports.
- C. Enable the Service Processor to gather Performance data and schedule data transfer.
- D. Login to InfoSight and analyze Advanced Performance history.

**Answer:** D

#### NEW QUESTION 56

- (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 61

- (Exam Topic 2)

A customer asks for an integrated solution for their remote office with All-Flesh storage and ease of management. Application-aware replication to their main office is an important requirement. Which HPE solution component should you discuss with the customer first?

- A. HPE SimpliVity 380
- B. HPE MSA 2052 Storage
- C. HPE Nimble CS1000 system
- D. HPE 3PAR StoreServ 8200

**Answer:** A



#### NEW QUESTION 66

- (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 68

- (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 69

- (Exam Topic 2)

A customer has a SAN infrastructure with an HPE C-Class blade enclosure, and a mix of ProLiant G7, Gen8 and Gen9 servers. They require a new storage platform.

How can you confirm the new storage array will be supported in the existing environment?

- A. Design an array with an older version of the firmware to ensure compatibility.
- B. Document existing server and SAN information, and consult SPOCK to ensure firmware compatibility.
- C. Design an array with the latest firmware, and recommend that the customer engage HPE PointNext to upgrade the existing hardware.
- D. Check recommended firmware levels in the HP SAN Design Reference Guide to ensure firmware compatibility.

**Answer: B**

#### NEW QUESTION 74

- (Exam Topic 2)

Which value does a Nimble solution provide in addition to other HPE storage solutions?

- A. Flat support pricing for all hardware components
- B. Future-proofed for newer technologies
- C. All-inclusive software licensing over 5 years and additional capacity upgrades
- D. Upfront option for free controller upgrade after 3 years

**Answer: B**

#### NEW QUESTION 79

- (Exam Topic 2)

A large enterprise is experiencing exponential data growth of their existing Oracle databases. They are concerned about their increasing backup windows and the risk of non-compliance with recovery time objectives increase of data corruption in primary storage. Their primary storage is an 3PAR Storeserv 8400, and their backup target is an HPE StoreOnce System. Which HPE storage solution allow the customer to migrate this risk?

- A. RMC Express protect
- B. Catalyst in-Flight compression
- C. 3 PAR remote copy
- D. StoreOnce unified deduplication

**Answer: A**

#### NEW QUESTION 81

- (Exam Topic 2)

A customer needs to be manually map out preferred paths within a multi-switch fabric, based on application ,priority ,and topology, while allowing failover to a non-preferred path if the preferred path fails, Which B-series FC switch functionality should be used to provide this?

- A. Quality of services
- B. Enhanced group management
- C. Frame filtering
- D. Traffic isolation Zones

**Answer: D**

#### NEW QUESTION 82

- (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 83

- (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 86

- (Exam Topic 2)

You are advising a customer on a new backup strategy to deploy HPE StoreOnce. What should you recommend to ensure the best storage utilization and performance?

- A. consolidate activity windows for housekeeping tasks
- B. size solution for a single backup device
- C. combine management and backup Ethernet traffic
- D. use separate backup targets for different data types

**Answer: A**

#### NEW QUESTION 89

- (Exam Topic 2)

During a proof-of-concept you need to implement an inter-switch-link (ISL)between two HPE SN6000B switches. Which port mode must be set enable communication between the switches?

- A. N\_PORT
- B. FL\_PORT (WRONG)
- C. F\_PORT
- D. E\_PORT (Correct)

**Answer: D**

#### NEW QUESTION 91

- (Exam Topic 2)

What has to taken into account when performing capacity planning for HPE Nimble storage using deduplication?

- A. Deduplication is performed on a per volume basic
- B. Deduplication is performed on a per array basic
- C. Deduplication is performed on a per application category basic
- D. Deduplication is performed on a per pool and block size basic

**Answer: D**

#### NEW QUESTION 96

- (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 97

- (Exam Topic 2)

You are adding a new host for an HPE 3PAR StoreServ proof-of-concept .In addition to the host name ,What is the minimum information that is required to create a host profile?

- A. Host Persona
- B. Host MAC
- C. Host set



D. Host WWN

**Answer:** D

#### NEW QUESTION 98

- (Exam Topic 2)

A customer is concerned about the business risks of non-compliance for long-term data protection, retention, immutability, and encryption on petabytes of data consisting of millions of objects in a global namespace across multiple geographic locations.

Which products should you recommend to the customer to address their concern? (Choose two.)

- A. HPE StoreOnce Systems
- B. HPE Complete Veeam
- C. HPE Complete iTernity iCAS
- D. HPE Scalify RING on HPE Apollo Servers
- E. HPE 3PAR StoreServ 9000

**Answer:** AC

#### NEW QUESTION 102

- (Exam Topic 2)

A customer is interested in integrating their HPE 3PAR StoreServ arrays into their OneView environment to support automated volume provisioning.

What must you install to enable the integration?

- A. HPE SAN Network Advisor Enterprise
- B. HPE SAN Network Advisor Professional
- C. 3PAR Host Explorer
- D. OneView Global Dashboard

**Answer:** A

#### NEW QUESTION 104

- (Exam Topic 2)

A customer need a new storage system for visual desktop infrastructure environment to reduce the time required to provision new desktop. Which HPE solution should you recommended to fulfill this customers requirements?

- A. Snapclones on HPE MSA 2040
- B. SmartClone on HPE store virtual VSA(54)
- C. Storage pool on HPE store Easy
- D. Virtual Copy on HPE 3Par storeServ

**Answer:** B

#### NEW QUESTION 106

- (Exam Topic 2)

A customer is planning to connect a new HPE 3PAR StoreServ system to its existing Synergy based composable infrastructure via direct-attach.

Which tool would be used to manage the storage?

- A. HPE SAN Network Advisor
- B. HPE Synergy Image Streamer
- C. HPE Synergy Composer
- D. HPE InfoSight for 3PAR

**Answer:** C

#### NEW QUESTION 108

- (Exam Topic 2)

A customer need to implement a new SAN fabric for their growing environment .The new SAN should provide a high performance and port-efficient network with many-to-many connectivity .Because of changing requirement and the possible acquisition of another company in the near future. The customer cannot predict the I/O traffic pattern within the SAN .The customer also concerned about availability. Which type of SAN topology should you recommend?

- A. Core-edge fabric
- B. Single switch fabric
- C. Cascaded fabric
- D. Meshed fabric

**Answer:** D

#### NEW QUESTION 113

- (Exam Topic 2)

A customer has a new Nimble CS3000 21T storage systems and is facing latency issues for his 2TB ERP database. What would be a design approach to solve this issue ?

- A. Perform controller upgrade to a Nimbel CS3000 storage systems
- B. Add additional SSd drives as cache to the system and PIN the volume
- C. Enable storage tiering on the system and map the volume to the new tier
- D. Change RAID of the drives to RAID -1and setup quality of services for the volume

**Answer: B**

**NEW QUESTION 116**

- (Exam Topic 2)

A customer currently has a CS1000H and wants to upgrade to a CS3000. What must be considered before upgrading?

- A. This upgrade is disruptive and needs planned downtime.
- B. A capacity upgrade to a fully populated array has to be performed first.
- C. Timeless storage support is not offered for CS1000H entry-level systems.
- D. A controller upgrade to a CS1000F has to be performed first.

**Answer: B**

**NEW QUESTION 117**

- (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. Nibmle 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 connec
- 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 118**

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