



HP

Exam Questions HPE0-J68

HPE Storage Solutions

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NEW QUESTION 1

- (Exam Topic 1)

Which tool is used to configure an HPE MSA 2052?

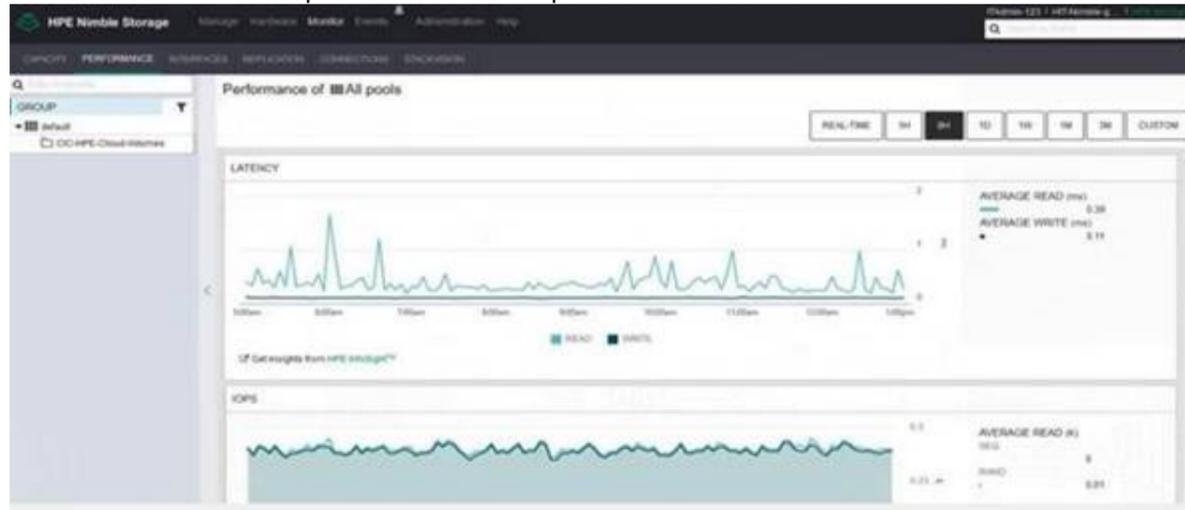
- A. InfoSight
- B. SMU
- C. CMC
- D. SSMC

Answer: A

NEW QUESTION 2

- (Exam Topic 1)

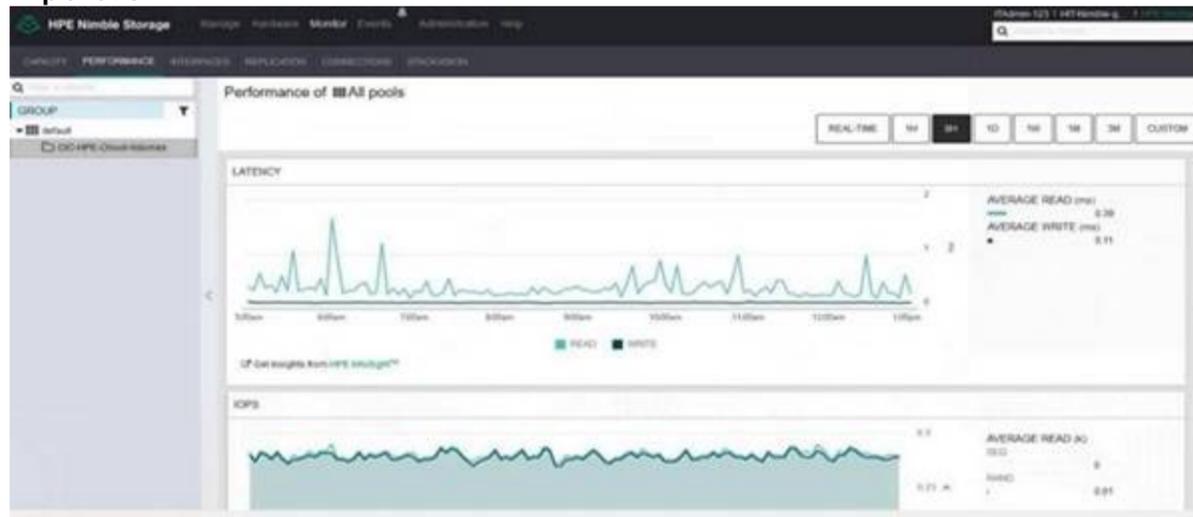
You are handing over the installed array to customer. The customer wants to review the amount of HDDs and SSDs in the system. Click the relevant menu option where the front panel of the head shelf can be visualized.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 3

- (Exam Topic 1)

Match each address with the associated address type.

Type	Address Format
FC	20:32:00:60:69:e2:19:82
IPv6	00:1B:44:11:3A:B7
iSCSI	iqn.2000-05.com.3pardata:20210002ac00851c:15.372.28.0
MAC	fe80::85b0:5df6:1dfb:6793

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

NEW QUESTION 4

- (Exam Topic 1)

A customer is purchasing an HPE MSA 2050 for a branch office. They will use it for critical data services. The customer is concerned that 64 snapshots will not be adequate as they grow.

What can be added to the array to address the customer's concerns?

- A. Advanced Data Services Suite license
- B. All-inclusive Multi-system license
- C. Virtual Copy license
- D. Adaptive Optimization license

Answer: D

NEW QUESTION 5

- (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 6

- (Exam Topic 1)

You are asked to review an installation plan for a new Primera storage array. The array will go into an existing environment that has been in production for over 4 years. It includes:

- > C7000s with Gen8 blades
- > 8Gb Brocade switches
- > a 3PAR 7400
- > an MSA that is used as a backup target

What should you use to find appropriate installation and planning guides?

- A. SAF Analyze and Collector
- B. Information Library
- C. NinjaSTARS
- D. SPOCK

Answer: D

NEW QUESTION 7

- (Exam Topic 1)

You are designing an HPE MSA iSCSI for a customer.

Which components are typically part of the solution? (Choose two.)

- A. Drives
- B. SFPs
- C. Service Processor
- D. All-inclusive Multi-system software
- E. Switch zones

Answer: AB

NEW QUESTION 8

- (Exam Topic 1)

A customer implemented the HPE StoreEver MSL6480 Tape Library.

Which HPE Software can the system administrator use to check the health of the library and monitor its utilization?

- A. OneView
- B. StoreServe TapeAssure Advanced
- C. StoreEver Data Verification
- D. InfoSight

Answer: B

NEW QUESTION 9

- (Exam Topic 1)

A customer has the following requirements for a storage solution: VMware environment 20 of standard business data 400 TB of video archive files 10 GB iSCSI

connectivity

They are most concerned with the cost of the solution.

Which HPE storage solution offers the lowest cost while meeting the customer requirements?

- A. HPE Nimble
- B. HPE SimpliVity
- C. HPE Primera
- D. HPE MSA

Answer: C

NEW QUESTION 10

- (Exam Topic 1)

You are designing a new storage environment for a customer. They need good performance, but need to keep costs to a minimum.

They have a very limited staff, and staff is concerned about learning new technologies. You plan to

recommend a Nimble HF20 solution.

Which storage connectivity components should you recommend?

- A. FlexFabric switches, Nimble iSCSI card
- B. FC adapters for servers
- C. FC switches, Nimble FC card, FC adapters for servers
- D. Ethernet switches, Nimble iSCSI card, dedicated NICs for servers
- E. Ethernet switches, Nimble FC card, dedicated FC for servers

Answer: C

NEW QUESTION 10

- (Exam Topic 1)

Which tool is used to determine current compaction ratios on Primera arrays?

- A. WebUI
- B. Storage Management Utility (SMU)
- C. NinjaStars
- D. SSMC System Reporter

Answer: D

NEW QUESTION 11

- (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 14

- (Exam Topic 1)

Which StoreOnce Gen4 features are included with the system software without additional licenses? (Choose two.)

- A. Encryption
- B. Cloud Bank
- C. Catalyst
- D. VTL/NAS replication
- E. Flexible I/O HBAs

Answer: CD

NEW QUESTION 15

- (Exam Topic 1)

Which feature allows HPE Primera, HPE Nimble, and HPE XP arrays to work with third-party management tools?

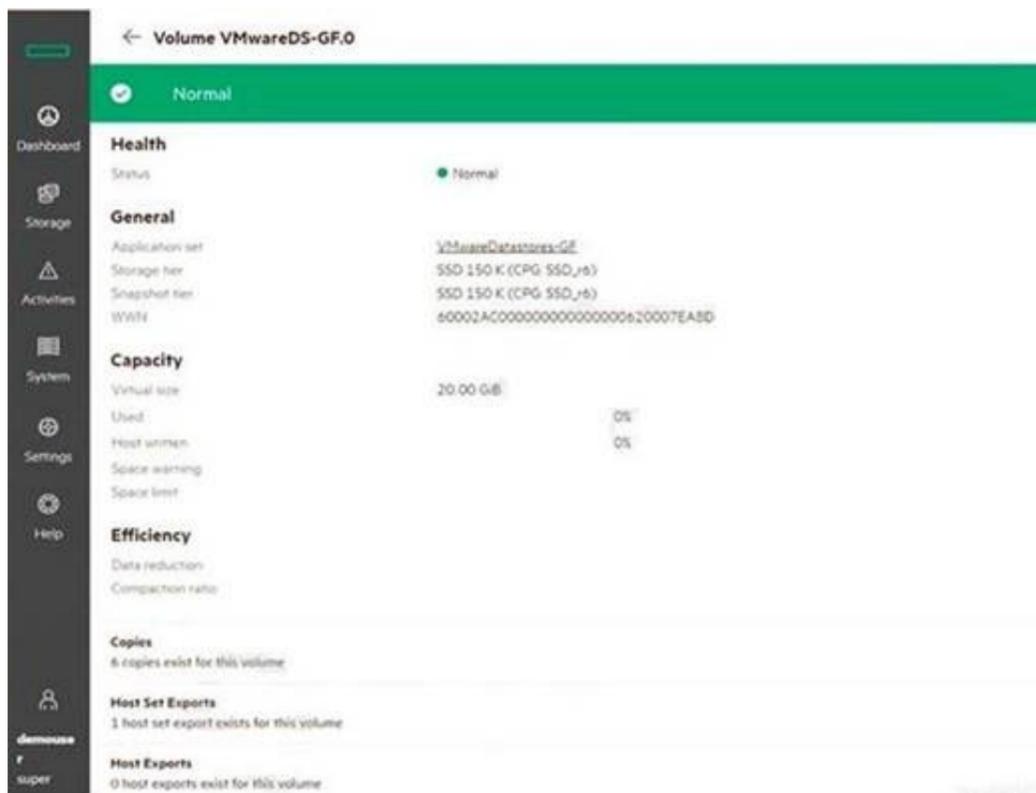
- A. REST API
- B. Data Protection Manager (DPM)
- C. StoreServe Management Console (SSMC)
- D. Service Processor

Answer: A

NEW QUESTION 16

- (Exam Topic 1)

Refer to the exhibit.



You are configuring a new HPE array and verifying properties of a set of volumes. Which RAID level is used on the VMwareDatastores-GF volume?

- A. RAID 0
- B. RAID 6
- C. Triple Parity+
- D. RAID 5

Answer: D

NEW QUESTION 17

- (Exam Topic 1)

Select the correct initiation option for each HPE Primera function.

Answer Area

User Initiated		Stripe data across drives
Autonomic		Create Virtual Volumes
		Create Common Provisioning Groups
		Create RAID-6 Virtual Volumes
		Optional Performance Management
		Export LUNs

- A. Mastered
- B. Not Mastered

Answer: A

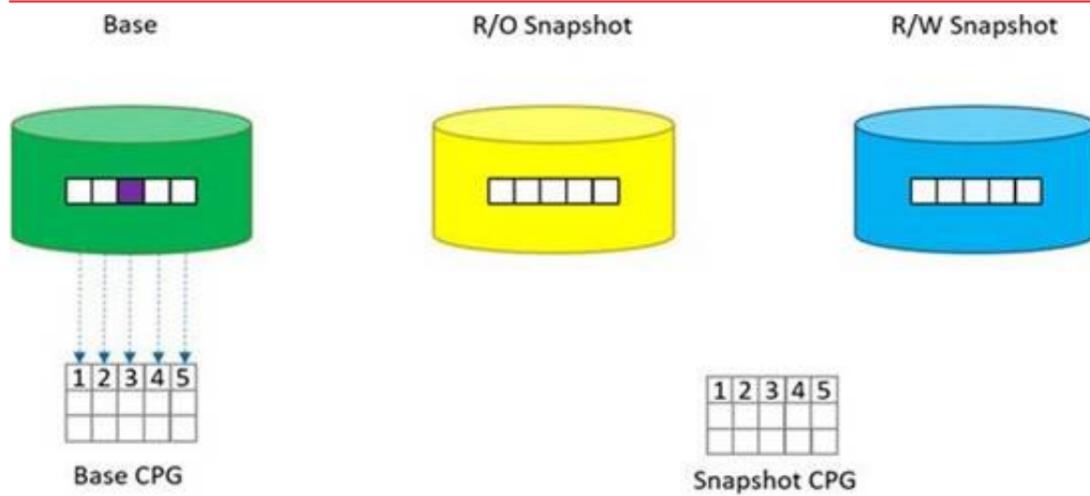
Explanation:

Graphical user interface, application Description automatically generated

NEW QUESTION 21

- (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 24

- (Exam Topic 1)

You are proposing a StoreOnce solution to a customer that has always used tape for a backup target. What should you suggest to ensure that the StoreOnce deduplication is correctly sized?

- A. StoreOnce timeless storage
- B. DDAnalyzer
- C. proof of concept with StoreOnce VSA
- D. OCA

Answer: B

NEW QUESTION 25

- (Exam Topic 2)

A customer want to implement a virtualized environment and want to provide independent storage access to individual virtual servers. Which feature need to enabled on the B-series FC switches to support this solution?

- A. FCIP
- B. NPIV
- C. ALPA
- D. RSCN

Answer: B

NEW QUESTION 26

- (Exam Topic 2)

A customer is concerned about media and transmission errors caused by any component in the I/O stack from the server host bus adapter (HBA) into the HPE 3PAR StoreServ ports.

Which feature will address the customer's concern?

- A. Persistent Checksum
- B. Persistent Cache
- C. Peer Persistence
- D. Persistent Ports

Answer: A

NEW QUESTION 30

- (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 35

- (Exam Topic 2)

A customer has deployed an HPE 3PAR StoreServ 8400 with two nodes and three additional disk enclosure .They want to expand the solution with two additional nodes and three additional disk enclosure ..What must you do to expand the customers solution?

- A. The new disks must be imported before the new nodes can be added
- B. The existing nodes need to be take Offline
- C. The system should be updated to the latest supported OS before the hardware expansion
- D. The new nodes and enclosure must be placed in an adjacent racks

Answer: C

NEW QUESTION 38

- (Exam Topic 2)

What advantage does the Unified API that is part of HPE's composable strategy provide?

- A. infrastructure lifecycle managed with standard programming code
- B. single portal for managing servers, networking, and storage
- C. write-back capability and instant cable warmth
- D. dedicated object storage platform

Answer: B

Explanation:

Unified API provides a single interface to discover, search, inventory, configure, provision, update, and diagnose the Composable Infrastructure. A single line of code enables full infrastructure programmability and can provision the infrastructure required for an application.

NEW QUESTION 43

- (Exam Topic 2)

Which built-in HPE 3PAR StoreServ technology reduces database transaction logs response time?

- A. Express Writes
- B. Adaptive Flash Cache
- C. Thin provisioning
- D. Thin Deduplication

Answer: B

NEW QUESTION 46

- (Exam Topic 2)

What are two advantages of HPE Recovery Manager Central? (Select two.)

- A. Enables automatic transparent failover
- B. Less expensive than traditional backup
- C. Includes Peer Copy asynchronous replication
- D. Manual data provisioning and policy-based copy protection
- E. Integration capabilities utilizing HTML

Answer: BC

NEW QUESTION 50

- (Exam Topic 2)

Which management interface uses four basic commands (Create ,read, update ad delete)to enable administrators to define ad radically simply management processes?

- A. Rest API
- B. WMI
- C. SMI-S
- D. WEBEM

Answer: A

NEW QUESTION 55

- (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 60

- (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 64

- (Exam Topic 2)

During Technology workshop ,the customer asks about different between converged and fibre channel switches. What would be a benefits of using flex fabric switches in a fibre channel storage environment?

- A. Support for combining multiple physical switches in to one virtual switch with a single IP address
- B. Support for six Ethernet and two fibre channel ,or six Ethernet and two iSCSI or eight Ethernet adapters per server.
- C. Zones can be configured for QoS with high ,medium, and low priorities within a fabric on a zone by zone basic
- D. In-flight compression and encryption provides efficient link utilization and security

Answer: A

NEW QUESTION 67

- (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 68

- (Exam Topic 2)

While demonstrating an HPE 3PAR StoreServ 9450 array, the customer asks you to demonstrate the File Persona features. Which objects do you need to create to demonstrate these features? (Choose two.)

- A. File share
- B. Storage container
- C. Host
- D. Remote copy group
- E. Virtual file server

Answer: AE

NEW QUESTION 72

- (Exam Topic 2)

You are designing a new HPE 3PAR StoreServ all-flash array for the customer.. Which ratio should you expect to have the highest efficiency?

- A. Read/write ratio
- B. Reclamation ratio
- C. Compaction Ratio
- D. Thin provisioning ratio

Answer: C

NEW QUESTION 76

- (Exam Topic 2)

A customer has an existing configuration consisting of first class and nearline SAS drive in an 8000 SFF enclosure. They add two SFF 8000enclosure that are fully populated with nearline drives to an existing HPE 3Par storeserv 8400 array. What should the customer do to optimize their storage configuration?

- A. Defrag the CPG and run align drive on their system
- B. Run tunesys and on the array (275)
- C. Enable space reclamation
- D. Create new CPG for the newly installed drivers

Answer: B

NEW QUESTION 81

- (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 82

- (Exam Topic 2)

What is the benefit of HPE Synergy? (Choose two.)

- A. It supports up to three HPE StoreVirtual VSA nodes for storage RAID.
- B. It can compose and reclaim DAS storage.
- C. It supports HPE BladeSystem c-class FlexFabric interconnect modules.
- D. It can use HPE 3PAR File Persona for object storage.
- E. It can prevent block storage services from HPE 3PAR as part of the resource pool.

Answer: BE

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)

Which HPE 3PAR StoreServ feature allows a host to continue I/O uninterrupted during a firmware upgrade?

- A. Peer Persistence
- B. Persistent Ports
- C. Persistent Memory
- D. Persistent Cache

Answer: B

NEW QUESTION 93

- (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 99

- (Exam Topic 2)

What owns the physical drives in an HPE 3PAR StoreServ Express Layout?

- A. a logical disk

- B. a chunklet
- C. a single node
- D. a node pair

Answer: D

NEW QUESTION 102

- (Exam Topic 2)

When using a HPE 3PAR StoreServ array to enable a user to apply array-based data services to specific application and VM's. What is the benefit of implementing VM-level gradually of Volts?

- A. Data sprawls eliminated by performing the migration functions at the array level using 3PAR HPE Dynamic Optimization
- B. Efficiency is maintained by reclaiming space from deleted or migrated VMs using capabilities built into the storage ASIC
- C. Performing is accelerated by detecting and moving the most frequently –accessed VMs into the fast class tier
- D. Performance is accelerated by leveraging the deduplication capabilities built into the storage ASIC

Answer: B

NEW QUESTION 105

- (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 107

- (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 111

- (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 Scality RING on HPE Apollo Servers
- E. HPE 3PAR StoreServ 9000

Answer: AC

NEW QUESTION 116

- (Exam Topic 2)

A large organization is experiencing exponential data growth of object storage due to recent mergers and acquisition .They need an on-premise solution to optimize cost at petabyte scale Which components should you recommend for a software-defined solution ?(select two)

- A. HPE Appolo 4510 server
- B. HPE Complete –Scalability RING
- C. HPE Synergy 660 Gen10 compute modules
- D. HPE complete –CTERA
- E. HPE 3PAR StoreServ 9450c

Answer: AB

NEW QUESTION 117

- (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 121

- (Exam Topic 2)

Where does HPE 3PAR StoreServ Data-at-Rest Encryption occur?

- A. ASIC
- B. physical disk
- C. processor
- D. host

Answer: B

NEW QUESTION 122

- (Exam Topic 2)

A customer needs to expand an HPE StoreVirtual VSA based cluster with two additional VSA instances. What do you need to consider when designing the new VSA instances?

- A. They will require downtime to re-balance the resources within the cluster.
- B. They must be configured into a new management group.
- C. They must be of equal or greater capacity than the existing instances in a cluster.
- D. They can only have equal to or smaller capacity compared to the existing instances.

Answer: C

NEW QUESTION 125

- (Exam Topic 2)

Which HPE storage solutions offer a two-tier backup solution for hybrid cloud with optimal recovery time? (Choose two.)

- A. Simplivity 380
- B. Nimble SF series
- C. 3PAR 8000 series
- D. StoreOnce with Catalyst
- E. Nimble CS series

Answer: AD

NEW QUESTION 130

- (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 133

- (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 136

- (Exam Topic 2)

A customer need to server 40TB via file protocols including SMB and FTP to a board range of client operating system in one location .security protocol dictate that data must be encrypted with FIPS 140-2 compliance. Which HPE storage solution you recommend?

- A. HPE MSA 2052 storage with HPE StoreEasy 3850 Gateway

- B. HPE 3PAR 8200 using self-encrypting drive with 3PAR file persona
- C. HPE StoreOnce 5500with data in fight encryption .
- D. HPE XP7 storage with encryption ready disk adapters

Answer: B

NEW QUESTION 139

- (Exam Topic 2)

Which statement is correct when comparing functionalities of the AF and HF series in the Nimble storage portfolio? (Choose Two)

- A. Zero Copy Clones are a unique feature of All-Flash arrays within the Nimble Portfolio.
- B. >99.9999% availability is measured and guaranteed for AF and HF series arrays.
- C. HF series has a dedicated read cache and AF series does not have a dedicated reach cache.
- D. HF series supports storage snapshots and replication using Veeam Backup & Replication, HF and AF series support storage snapshots only

Answer: BC

NEW QUESTION 144

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