

HP.HPE0-J68.v2025-04-30.q159

Exam Code:	HPE0-J68
Exam Name:	HPE Storage Solutions
Certification Provider:	HP
Free Question Number:	159
Version:	v2025-04-30
# of views:	929
# of Questions views:	1590
https://www.freepdfdumps.com/HP.HPE0-J68.v2025-04-30.q159.html	

NEW QUESTION: 1

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

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 2

A customer has a SAN based on HPE B-series switches with Gen6 fibre channel technology. Their workload is continually growing and they are experiencing performance issues. They need a solution to enable real-time monitoring and to speed up troubleshooting in his SAN backend.

Which unique feature of the HPE B-series Gen6 switches should you recommend? (Choose two.)

- A. Fabric Watch
- B. MAPS
- C. Advanced Trunking
- D. Fabric Vision
- E. Extended Fabrics

Answer: B,D ([LEAVE A REPLY](#))

In HPE B-series Gen6 Fibre Channel switches, two key features that address the need for real-time monitoring and accelerated troubleshooting are MAPS (Monitoring and Alerting Policy Suite) and Fabric Vision.

MAPS provides proactive monitoring and alerting, allowing administrators to establish policies that automatically trigger alerts when performance thresholds are crossed, helping prevent issues before they impact the environment.

Fabric Vision is a comprehensive monitoring and diagnostics tool that enables administrators to visualize the health and performance of the SAN fabric, allowing for rapid identification and resolution of issues. Together, these features help maintain high performance and reliability in SAN environments.

Reference:

HPE B-series Gen6 Fibre Channel Switches

HPE Fabric Vision Technology

NEW QUESTION: 3

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 ([LEAVE A REPLY](#))

To make the integration of a Windows-based server with an all-flash Nimble array easier, HPE's Connection Manager (Option C) is the recommended tool. Connection Manager simplifies the configuration of iSCSI or Fibre Channel connections between the server and the Nimble storage array. It helps automate the setup process, ensuring that the best practices for connectivity are followed, which results in optimized performance and reliability.

This tool is particularly useful for administrators who may not be storage experts, as it streamlines the complex tasks associated with connecting servers to enterprise-grade storage systems.

Reference:

HPE Nimble Connection Manager

HPE Storage Integration Tools

NEW QUESTION: 4

A customer uses Veeam to backup their entire datacenter.

Which Veeam feature allows them to recover a single email from their Exchange server?

- A. Changed block tracking
- B. Explorer for Storage Snapshots
- C. Data Mover Service
- D. SureBackup

Answer: B ([LEAVE A REPLY](#))

Veeam's integration with HPE storage solutions, particularly in backup and recovery scenarios, includes features that allow granular recovery of data, such as individual emails.

Explorer for Storage Snapshots is a feature within Veeam that enables customers to perform granular recovery from storage snapshots, including individual items such as emails from an Exchange server. This feature is crucial for minimizing downtime and ensuring quick recovery of specific data without the need to restore entire databases or systems.

This capability provides an efficient and user-friendly way to handle data recovery tasks, which is particularly valuable in environments where data availability and quick recovery are critical.

References:

* Veeam and HPE Integration

* Veeam Explorer for Storage Snapshots

NEW QUESTION: 5

You are planning an upgrade to a customer's existing HPE 3PAR StoreServ 8200 to include 4-port 16Gb FC adapters. The servers are zoned to see the storage via four paths. The customer is concerned about storage availability during the upgrade.

Which statement is correct about performing this upgrade?

- A. Windows servers require host explorer is installed to ensure MPIO is unaffected.
- B. The MPIO service will do a failover, and the servers will continue to have access via two paths.
- C. As long as MEM driver is installed on VMware vSphere, no path failures are seen.
- D. When NPIV is enabled, the HPE 3PAR Port persistence will show all four paths to the servers.

Answer: (SHOW ANSWER)

NEW QUESTION: 6

Which statement is true regarding backup data immutability on HPE GreenLake for Backup and Recovery?

- A. It is supported for HPE Alletra 6000 snapshot backups
- B. It is supported for HPE Alletra 9000 snapshot backups
- C. Once set, the immutability period cannot be changed
- D. It is only available for on-prem backups

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 7

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: (SHOW ANSWER)

In an SAP HANA environment, the speed and latency of storage are critical for performance, especially when dealing with large datasets. While SAP HANA is designed to run entirely in memory, some customers may seek alternatives that offer a balance between performance and cost.

NVMe SCM (Storage Class Memory) is a cutting-edge storage technology that offers extremely low latency and high performance, making it an ideal alternative for environments like SAP HANA. NVMe SCM provides faster data access speeds than traditional SSDs and even NVMe SSDs, making it a perfect fit for workloads that demand high-speed data processing, such as SAP HANA.

Reference:

HPE Storage for SAP HANA

HPE NVMe Storage Solutions

NEW QUESTION: 8

What is the typical protocol used to access data from object storage?

- A. FC
- B. NVMe
- C. HTTP
- D. iSCSI

Answer: C ([LEAVE A REPLY](#))

The typical protocol used to access data from object storage is HTTP (Option C). Object storage systems, such as those used in cloud environments, typically expose their data through RESTful APIs over HTTP. This allows for easy access and manipulation of data objects over the web.

Unlike traditional block or file storage, object storage is designed for scalability and is commonly used for storing large amounts of unstructured data, such as media files, backups, and archives.

HTTP is the standard protocol for web communications, making it the ideal choice for accessing data in object storage environments, which are often cloud-based or designed for remote access.

References:

* HPE Object Storage Overview

* HPE Cloud and Object Storage Solutions

NEW QUESTION: 9

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Which storage technology should you recommend?

- A. SAS SSD
- B. NVMe SSD

C. NVMe SCM

D. Intel Optane

Answer: C ([LEAVE A REPLY](#))

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References:

* HPE Storage for SAP HANA

* HPE NVMe Storage Solutions

NEW QUESTION: 10

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: D ([LEAVE A REPLY](#))

When proposing a StoreOnce solution to a customer transitioning from tape backups, it's crucial to correctly size the deduplication requirements. OCA (Outcome-based Capacity Analyzer) is the recommended tool for this purpose. OCA helps to predict and size the deduplication storage needs by analyzing the data types and patterns, ensuring that the StoreOnce system is correctly configured to handle the customer's backup workloads efficiently.

NEW QUESTION: 11

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. Zones can be configured for QoS with high ,medium, and low priorities within a fabric on a zone by zone basic

B. Support for combining multiple physical switches in to one virtual switch with a single IP address

C. Support for six Ethernet and two fibre channel ,or six Ethernet and two iSCSI or eight Ethernet adapters per server.

D. In-flight compression and encryption provides efficient link utilization and security

Answer: (SHOW ANSWER)

NEW QUESTION: 12

An HPE 3PAR StoreServ 9000 All-Flash Array customer plans to deploy a secondary array 20 km away from their primary array to enable storage replication over a dark fibre. Their existing environment consists of one HPE Synergy Frame 12000, HPE SN6000B Fibre Channel Switches, HPE FlexFabric 5700 Switch Series, and HPE StoreOnce Systems.

Which HPE license is required to meet the customer's technical requirements?

A. Intelligent Resilient Framework licenses

B. HPE StoreOnce Replication

C. Extended Fabric

D. HPE 3PAR Remote Copy

Answer: D ([LEAVE A REPLY](#))

To enable storage replication over a 20 km distance between two HPE 3PAR StoreServ 9000 All-Flash Arrays, the appropriate license required is HPE 3PAR Remote Copy. Remote Copy is HPE's replication technology that allows data to be replicated between 3PAR arrays, providing disaster recovery capabilities.

This feature supports both synchronous and asynchronous replication modes, ensuring data integrity and availability in case of a failure at the primary site. The license is essential for setting up and managing the replication process over the dark fiber link.

References:

* HPE 3PAR StoreServ Remote Copy

* HPE Storage Replication Solutions

NEW QUESTION: 13

A customer uses Veeam to backup their entire datacenter.

Which Veeam feature allows them to recover a single email from their Exchange server?

- A. Changed block tracking
- B. Explorer for Storage Snapshots
- C. Data Mover Service
- D. SureBackup

Answer: [\(SHOW ANSWER\)](#)

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Reference:

Veeam and HPE Integration

Veeam Explorer for Storage Snapshots

NEW QUESTION: 14

What are the benefits of HPE synergy?(Select 2)

- A. It can present block storage services from HPE 3par as part of the resource pool
- B. It supports up to 3 HPE store Virtual VSA nodes for storage RAID
- C. It can use HPE 3PAR file persona for object storage
- D. It can compose and reclaim DAS storage
- E. It supports HPE blade system C-Class Flex Fabrics Interconnect module (need to check)

Answer: **A,D** [\(LEAVE A REPLY\)](#)

HPE Synergy is a composable infrastructure solution that provides flexibility and scalability for data centers. The benefits include:

Block Storage Services from HPE 3PAR: HPE Synergy can integrate with HPE 3PAR storage to present block storage services as part of its resource pool. This allows for a more unified and efficient management of storage resources across the infrastructure.

Composing and Reclaiming DAS Storage: HPE Synergy allows administrators to compose and reclaim direct-attached storage (DAS) as needed, optimizing the use of available storage resources and improving overall efficiency.

These features make HPE Synergy a powerful solution for modern data centers that require flexible, scalable, and efficient infrastructure management.

Reference:

HPE Synergy Overview

HPE 3PAR and Synergy Integration

NEW QUESTION: 15

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 Ports

C. Persistent Cache

D. Peer Persistence

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 16

You're starting to design a ToR network for a customer that will use it for JSCSI or NVMe-oF-TCP storage. The design requires a switch with a maximum of 48 ports and 10/25GB speed. What is the best recommended switch for this scenario?

A. SN2700M

B. SN2410bM

C. SN3700cM

D. SN2410M

Answer: (SHOW ANSWER)

The HPE SN2410M switch is the best choice for a Top-of-Rack (ToR) network design that will use iSCSI or NVMe-oF-TCP storage, requiring a switch with a maximum of 48 ports and 10/25GB speed. This switch offers the required port density and supports both 10GbE and 25GbE speeds, making it ideal for high-performance storage networks that rely on fast and reliable connectivity.

For more information, refer to:

HPE SN2410M Switch

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NEW QUESTION: 17

After a performance analysis, a customer plan to reorganize his adaptive Flash cache (AFC) configuration and want to raise it from 256 to 768GB. Which action is needed to take advantage of the new AFC configuration?

A. Remove the old AO configuration and recreate a new one

B. Increase current AFC configuration to reflect the additional space

C. Run tunesys after raising the AFC to take advantage of the additional space

D. Remove flash cache for all VVS then run create Flash cache

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 18

Which low-cost storage technology is suitable for long-term archiving?

A. Persistent Memory

B. Tape

C. RAM

D. NVMe flash storage

Answer: B ([LEAVE A REPLY](#))

Tape storage is a low-cost technology that is highly suitable for long-term archiving. It provides an economical solution for storing large volumes of data that do not require frequent access. Tape is durable, with a long lifespan, and offers high capacity at a low cost per gigabyte, making it an ideal choice for archiving and compliance-driven storage needs. Additionally, tape storage is energy-efficient since it consumes no power when not in use, further reducing long-term costs.

References:

* HPE StoreEver Tape Solutions

* HPE Archiving Solutions

NEW QUESTION: 19

Which type of networking switch handles both Ethernet and fibre channel traffic?

- A. Director
- B. Virtual
- C. Edge
- D. Converged

Answer: [\(SHOW ANSWER\)](#)

Converged switches are designed to handle both Ethernet and Fibre Channel traffic, enabling them to support converged networks where both storage and regular data traffic are managed through a single infrastructure.

This approach simplifies network management and can reduce costs by consolidating the networking hardware required for both types of traffic.

References:

* HPE Networking Solutions

* HPE Converged Infrastructure

NEW QUESTION: 20

Which of the following statements describes the encryption capabilities of the HPE Alletra 5000?

- A. It supports data in flight encryption for synchronous replication
- B. It supports data in flight encryption for async replication
- C. It is hardware based and requires DAR capable disks
- D. It only supports data at rest encryption

Answer: [D \(LEAVE A REPLY\)](#)

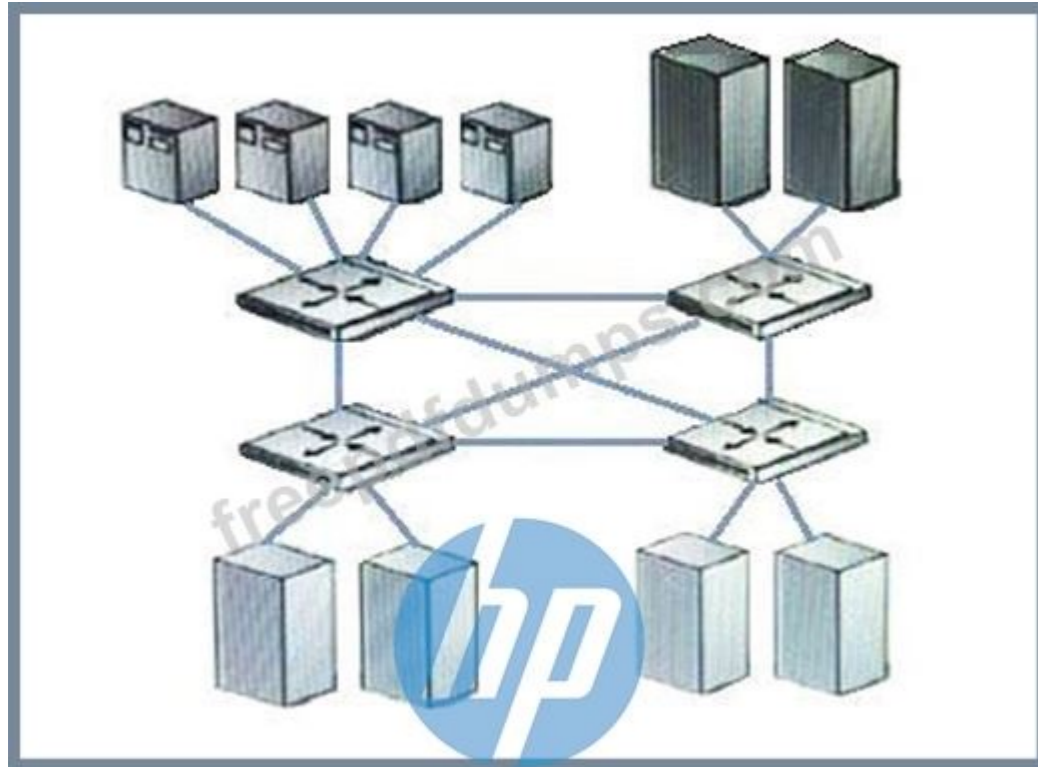
To create a configuration including the sizing and performance values for a customer solution for Alletra MP, the recommended HPE tool is Ninja STARS. This tool is specifically designed for storage sizing and configuration, providing detailed insights into the performance requirements and helping to tailor the solution to meet the specific needs of the customer. Ninja STARS helps in accurately sizing the storage solution to ensure it meets both current and future demands.

For further details, refer to:

* HPE Ninja STARS Tool

NEW QUESTION: 21

Exhibit:



Which fabric design is shown?

- A. meshed
- B. single fabric
- C. cascaded
- D. core-edge

Answer: D (LEAVE A REPLY)

The fabric design shown in the exhibit is a core-edge architecture. This design consists of core switches that are centrally located and connect to edge switches, which are distributed across the network. The core switches provide high-speed backbone connectivity, while the edge switches connect directly to storage devices or servers. This architecture is commonly used in SAN environments to provide scalability, manageability, and high availability.

References:

- * HPE SAN Design Principles
- * Core-edge Fabric Design

NEW QUESTION: 22

A customer is evaluating an HPE 3PAR StoreServ system in a proof-of-concept project. The customer wants to receive emails about important storage system events and alerts.

What feature do you need to configure?

- A. Local Notification Service
- B. Secure Service Agent
- C. Real-time Alert Processing
- D. HPE OneView integration

Answer: (SHOW ANSWER)

NEW QUESTION: 23

Which feature enables a non-disruptive environment where host-based multi-pathing software is not affected in the event of a firmware upgrade?

- A. HPE 3PAR Access Guard
- B. HPE 3PAR Persistent Ports

C. HPE 3PAR Persistent Cache

D. HPE 3PAR MPIO

Answer: B ([LEAVE A REPLY](#))

HPE 3PAR Persistent Ports is a feature that enables a non-disruptive environment by allowing host-based multi-pathing software to remain unaffected during events such as firmware upgrades. With Persistent Ports, the active I/O paths are automatically moved to alternate ports if the primary ports are undergoing maintenance or upgrades, ensuring continuous data access and eliminating disruptions.

Reference:

HPE 3PAR Persistent Ports

HPE 3PAR StoreServ Features

NEW QUESTION: 24

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

A. Upfront option for free controller upgrade after 3 years

B. Future-proofed for newer technologies

C. Flat support pricing for all hardware components

D. All-inclusive software licensing over 5 years and additional capacity upgrades

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 25

Recommend a software stack for changing a backup platform that includes pay-per-use, supports backup of virtualized workloads provided by HPE GreenLake, offers low RPO in minutes, supports HPE AUetra 9000, and integrates with DSCC.

A. Veeam Backup and Recovery

B. Recovery Manager Central

C. Zerto

D. HPE GreenLake Backup and Recovery

Answer: D ([LEAVE A REPLY](#))

HPE GreenLake Backup and Recovery is the recommended software stack for a backup platform that includes a pay-per-use model, supports virtualized workloads, and integrates with the HPE Data Services Cloud Console (DSCC). This solution offers low Recovery Point Objectives (RPOs) in minutes, supports HPE Alletra 9000, and provides the flexibility and scalability needed for modern backup environments. It is part of the HPE GreenLake ecosystem, which provides cloud-like agility and economics with on-premises control.

Reference:

HPE GreenLake Backup and Recovery

HPE Alletra 9000 Integration

NEW QUESTION: 26

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 ([LEAVE A REPLY](#))

HPE 3PAR Peer Motion, combined with the SSMC (StoreServ Management Console), is the optimal solution for a customer who needs to move workloads between different HPE 3PAR StoreServ arrays within the same data center. Peer Motion allows for seamless and non-disruptive data migration across different arrays, enabling the customer to optimize performance by moving workloads to the most appropriate storage tier or array as needed. This capability ensures that the storage environment remains flexible and responsive to changing performance demands.

References:

* HPE 3PAR Peer Motion

* HPE SSMC Overview

NEW QUESTION: 27

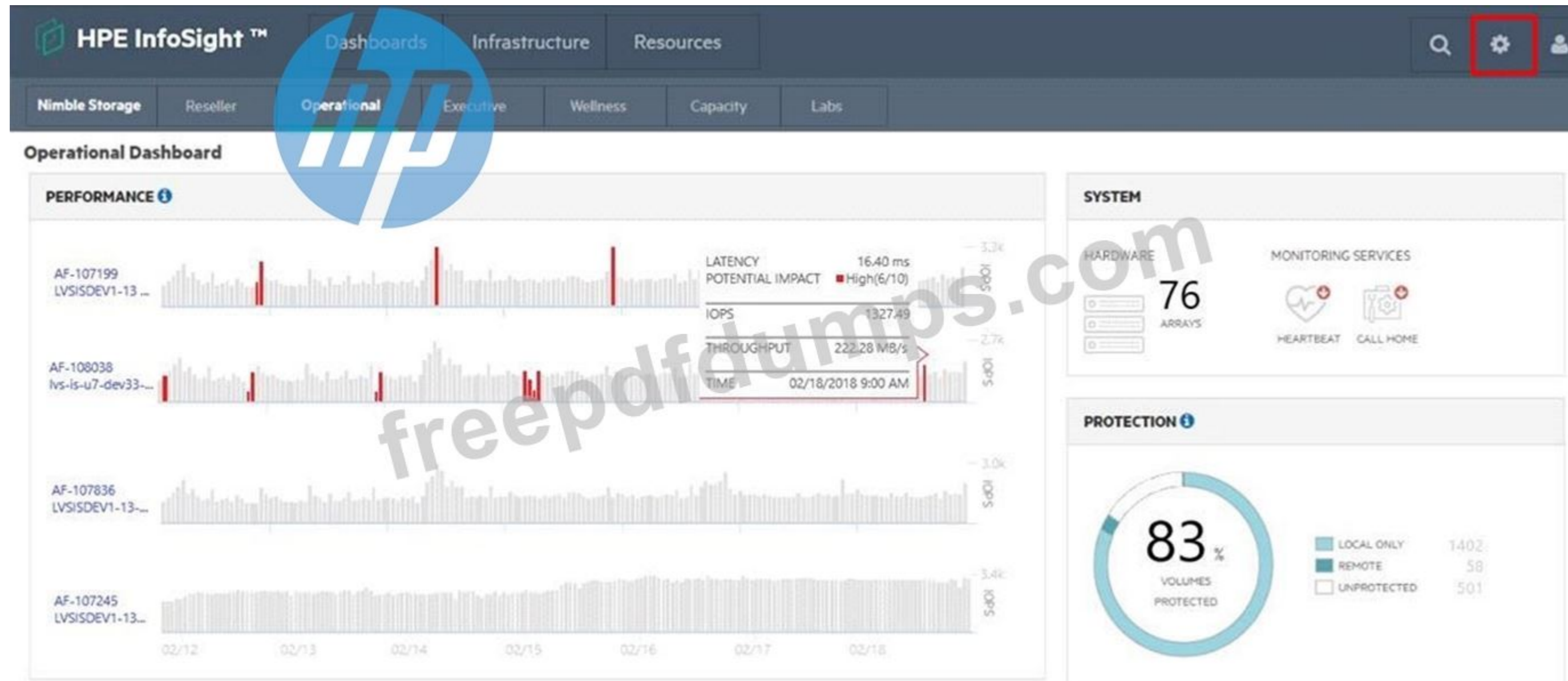
A customer has a Nimble HF40 and needs to create a support ticket.

Click the option in the InfoSight portal where the customer can perform this task.

The screenshot displays the HPE InfoSight Operational Dashboard. The top navigation bar includes 'HPE InfoSight™', 'Dashboards', 'Infrastructure', and 'Resources'. Below this, a secondary navigation bar shows 'Nimble Storage', 'Reseller', 'Operational' (highlighted), 'Executive', 'Wellness', 'Capacity', and 'Labs'. The main content area is divided into three sections:

- PERFORMANCE:** Features three bar charts showing latency, IOPS, and throughput over time (02/12 to 02/18). A summary box on the right indicates: LATENCY 16.40 ms, POTENTIAL IMPACT High(6/10), IOPS 1327.49, THROUGHPUT 222.28 MB/s, and TIME 02/18/2018 9:00 AM.
- SYSTEM:** Shows '76 ARRAYS' under 'HARDWARE' and 'MONITORING SERVICES' including 'HEARTBEAT' and 'CALL HOME'.
- PROTECTION:** A donut chart shows '83% VOLUMES PROTECTED'. A legend indicates: LOCAL ONLY (1402), REMOTE (58), and UNPROTECTED (501).

Answer:



NEW QUESTION: 28

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: A,D (LEAVE A REPLY)

When using a federated storage approach with HPE 3PAR StoreServ systems, customers can benefit from:

- * Load Balancing: Federated storage enables the distribution of workloads across multiple storage systems, optimizing resource utilization and ensuring that no single system becomes a bottleneck. This load balancing improves performance and enhances overall system efficiency.
- * Easier Migration: Federation simplifies the process of migrating data between storage systems. With features like Peer Motion, data can be moved between systems non-disruptively, allowing for seamless upgrades or expansions without impacting ongoing operations. This capability is particularly beneficial in reducing downtime and maintaining business continuity during migrations.

References:

- * HPE 3PAR StoreServ Federation

* HPE Peer Motion Technology

NEW QUESTION: 29

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

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 complete -CTERA
- D. HPE Synergy 660 Gen10 compute modules
- E. HPE 3PAR Storeserv 9450c

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 31

A customer asks you for a recommendation on setting up their new StoreOnce appliance. They plan to use NetBackup and need the highest performance setup they can get. Their local hosts are connected via FC and the rest are connected via a WAN.

Which backup target type should you recommend?

- A. VTL
- B. S3
- C. CIFS
- D. Catalyst

Answer: ([SHOW ANSWER](#))

When setting up a new HPE StoreOnce appliance for a customer who is using NetBackup and requires the highest performance setup, the best backup target type to recommend is VTL (Virtual Tape Library). VTLs are optimized for high-performance environments, particularly when connected via Fibre Channel (FC), which the customer has in their local setup. VTLs provide the speed and reliability of disk-based storage while emulating the tape systems that many backup solutions, like NetBackup, are designed to work with. This setup will ensure the highest throughput and performance for backup operations over FC.

Reference:

HPE StoreOnce Overview

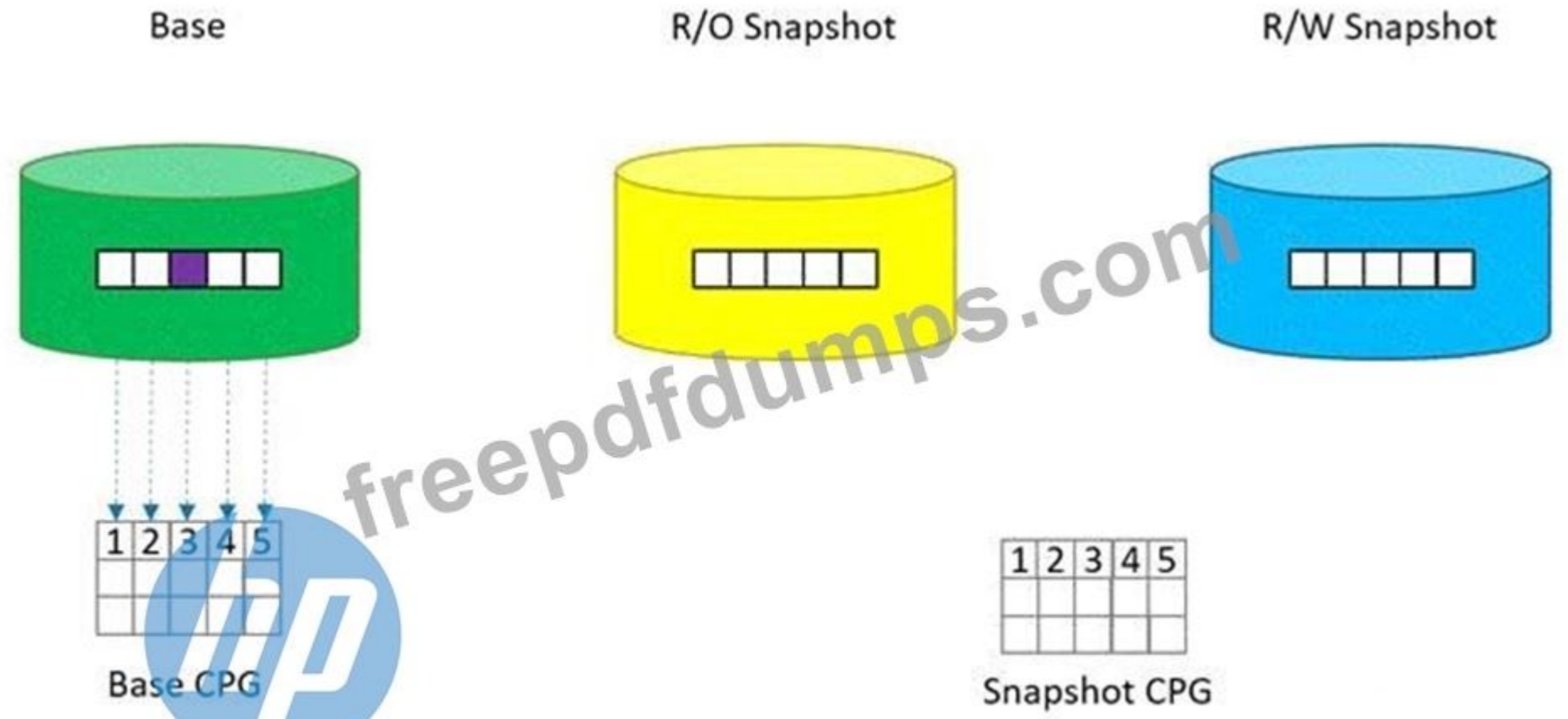
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NEW QUESTION: 32

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.

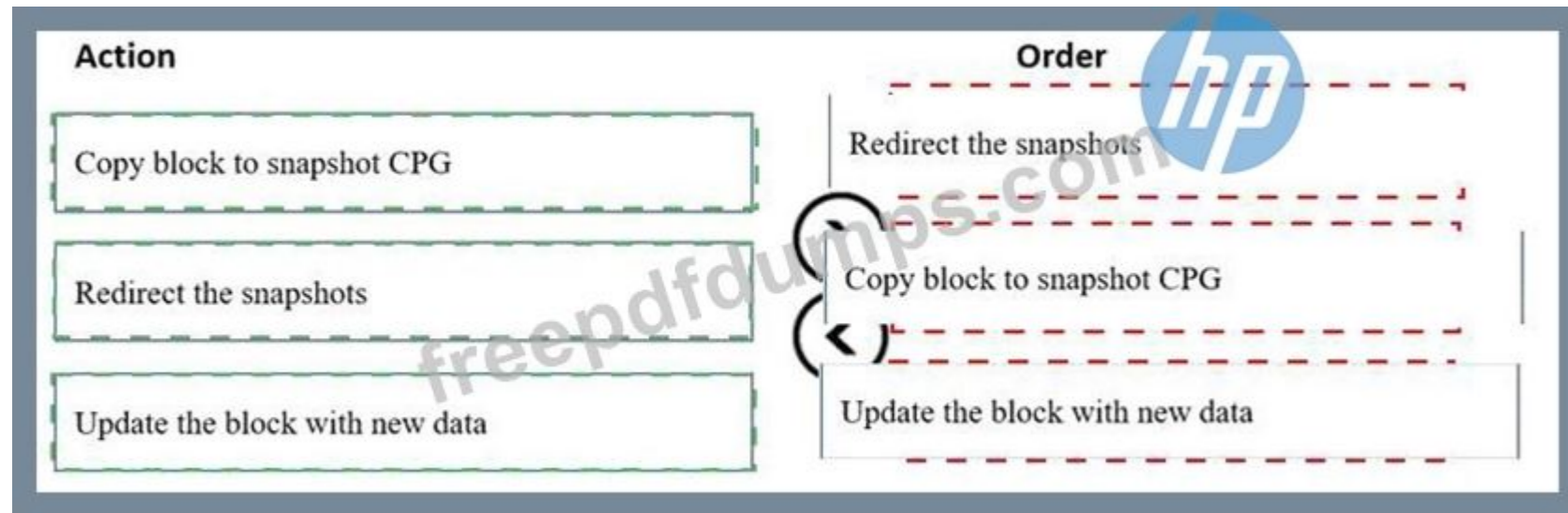
Action

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

Order

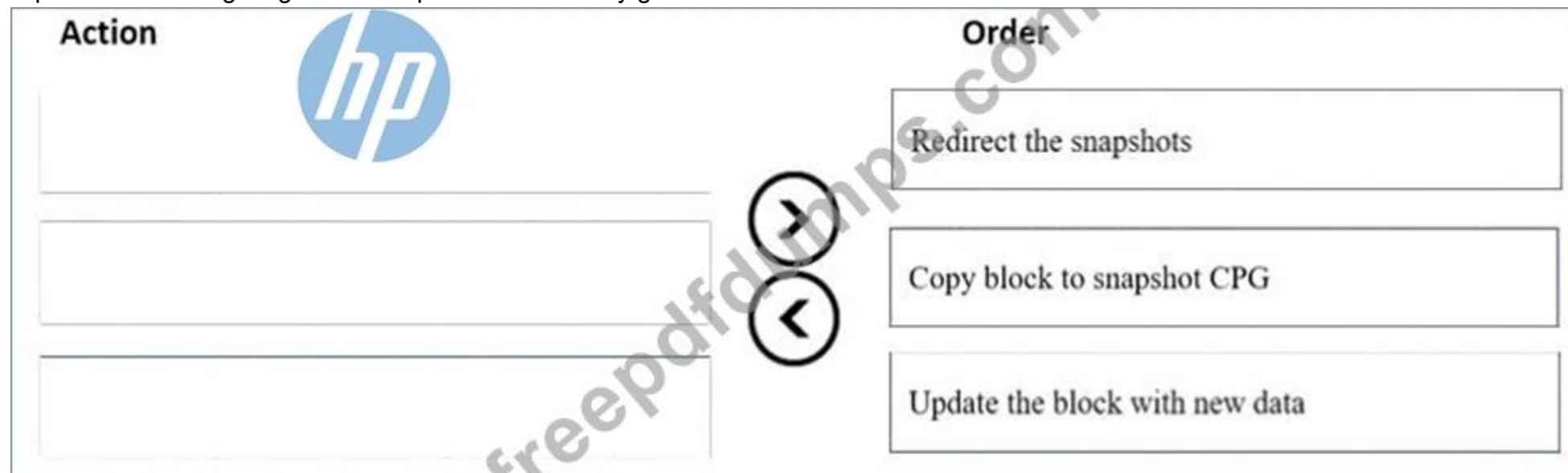


Answer:



Explanation:

A picture containing diagram Description automatically generated



NEW QUESTION: 33

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: C (LEAVE A REPLY)

For a customer planning to upgrade their HF40 controllers to support additional I/O requirements, upgrading to the HF60 (Option C) is the recommended path. The HPE Nimble HF60 offers enhanced performance, greater scalability, and improved I/O capabilities compared to the HF40. This upgrade ensures that the storage array can handle more demanding workloads and support future growth.

The HF60 model is designed to meet the needs of environments requiring higher performance and capacity, making it suitable for customers looking to expand their infrastructure without a complete overhaul.

References:

- * HPE Nimble Storage Solutions
- * HPE Nimble Storage Controller Upgrade Path

NEW QUESTION: 34

A solution architect is sizing the required capacity for an HPE Alletra 9000. Customer requirements include:

- * 100TB base volumes
- * 168 snapshots a week
- * 15% daily change rate

How much capacity is needed for snapshots after one week?

- A.** 1680TB
- B.** 15TB
- C.** 700TB
- D.** 105TB

Answer: D ([LEAVE A REPLY](#))

To calculate the required capacity for snapshots after one week for an HPE Alletra 9000, we start by understanding the customer's requirements:

- * Base volume size: 100TB
- * Snapshots: 168 snapshots per week
- * Daily change rate: 15%

The snapshot capacity requirement can be calculated by taking 15% of the base volume size per day, and multiplying it by the number of days (7 days in a week) and the number of snapshots per day.

Daily change: 15% of 100TB = 15TB
Total change over a week: 15TB * 7 days = 105TB
Thus, the capacity needed for snapshots after one week is 105TB.

References:

- * HPE Alletra 9000 Overview
- * HPE Storage Snapshots

NEW QUESTION: 35

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: (SHOW ANSWER)

The REST API (Representational State Transfer Application Programming Interface) uses four basic commands: Create, Read, Update, and Delete (often abbreviated as CRUD). These commands enable administrators to define and simplify management processes in a programmatic way.

REST APIs are widely used in modern IT environments for their simplicity and efficiency in managing and interacting with systems, including storage and networking solutions.

References:

- * HPE REST API Documentation
- * Introduction to REST API

NEW QUESTION: 36

Which statement is correct when discussing the RAID layout of an HPE Nimble HF-series storage system?

- A.** RAID 6 or RAID 1 can be set up -18 data drives are used for RAID stripes.
- B.** RAID 6 triple parity is set up -21 data drives are used for RAID stripes.
- C.** RAID 6 triple parity is set up -18 data drives are used for RAID stripes.
- D.** RAID 6 or RAID 1 can be set up -24 data drives are used for RAID stripes.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 37

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: ([SHOW ANSWER](#))

The REST API (Representational State Transfer Application Programming Interface) uses four basic commands: Create, Read, Update, and Delete (often abbreviated as CRUD). These commands enable administrators to define and simplify management processes in a programmatic way.

REST APIs are widely used in modern IT environments for their simplicity and efficiency in managing and interacting with systems, including storage and networking solutions.

Reference:

HPE REST API Documentation

Introduction to REST API

NEW QUESTION: 38

Which HPE 3Par feature improves CPU utilization ,reduces latency and improve IOPS ?

- A. Zero Detect
- B. Persistent Cache
- C. Express Indexing
- D. Express Writes

Answer: ([SHOW ANSWER](#))

The Express Writes feature in HPE 3PAR improves CPU utilization, reduces latency, and enhances IOPS by optimizing the write path in the array. This feature accelerates write operations by reducing the overhead associated with processing and managing writes, leading to higher performance, especially in environments with intensive transactional workloads. Express Writes is a key technology in HPE 3PAR that contributes to the overall efficiency and performance of the storage system.

For more details, refer to:

* HPE 3PAR StoreServ Express Writes

NEW QUESTION: 39

What is the typical protocol used to access data from object storage?

- A. FC
- B. NVMe
- C. HTTP
- D. iSCSI

Answer: C ([LEAVE A REPLY](#))

The typical protocol used to access data from object storage is HTTP (Option C). Object storage systems, such as those used in cloud environments, typically expose their data through RESTful APIs over HTTP. This allows for easy access and manipulation of data objects over the web.

Unlike traditional block or file storage, object storage is designed for scalability and is commonly used for storing large amounts of unstructured data, such as media files, backups, and archives.

HTTP is the standard protocol for web communications, making it the ideal choice for accessing data in object storage environments, which are often cloud-based or designed for remote access.

Reference:

HPE Object Storage Overview

HPE Cloud and Object Storage Solutions

NEW QUESTION: 40

A customer runs their core application on an aging HPE 3PAR StoreServ 20000 Storage array. The application requires 100% availability.

Which HPE storage solution should you recommend?

- A. Nimble
- B. Nimble dHCI
- C. Primera
- D. MSA

Answer: [\(SHOW ANSWER\)](#)

Given that the customer's core application requires 100% availability, the HPE Primera (Option C) is the best storage solution to recommend. HPE Primera is designed for mission-critical applications that demand the highest levels of availability, performance, and resilience. It offers advanced data services, AI-driven predictive analytics, and a 100% availability guarantee, making it the ideal choice for environments where downtime is not an option.

Primera's architecture is built to ensure continuous availability, even in the face of hardware failures or other unexpected issues, which makes it superior to other options like Nimble or MSA for this specific requirement.

Reference:

[HPE Primera Overview](#)

[HPE Mission-Critical Storage Solutions](#)

NEW QUESTION: 41

What is the maximum number of ISLs that can be combined to enhance the performance and availability of switch connections in a B-Series trunk group?

- A. 8
- B. 12
- C. 4
- D. 6

Answer: [\(SHOW ANSWER\)](#)

In a B-Series trunk group, the maximum number of Inter-Switch Links (ISLs) that can be combined to enhance the performance and availability of switch connections is 8. By aggregating up to 8 ISLs into a single trunk group, the system increases bandwidth and provides redundancy, ensuring that the loss of a single ISL does not impact the overall connectivity or performance.

References:

* [HPE B-Series Switches Overview](#)

* [HPE Networking Solutions](#)

NEW QUESTION: 42

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: B,C [\(LEAVE A REPLY\)](#)

HPE Recovery Manager Central (RMC) provides a modern approach to data protection by integrating snapshots, backup, and replication into a single solution. The two primary advantages of RMC are:

* Less expensive than traditional backup: RMC reduces the need for separate backup software and infrastructure, lowering overall costs. It leverages storage snapshots for data protection, which reduces the time and storage space needed for backups compared to traditional methods.

* Includes Peer Copy asynchronous replication: RMC includes Peer Copy, which enables asynchronous replication between HPE 3PAR StoreServ and HPE Nimble Storage systems. This feature facilitates efficient data protection and disaster recovery by replicating data to a secondary site without impacting the performance of the primary storage.

These advantages make RMC a powerful and cost-effective solution for modern data protection needs.

References:

* HPE Recovery Manager Central

* HPE Data Protection Solutions

NEW QUESTION: 43

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: ([SHOW ANSWER](#))

HPE 3PAR StoreServ systems support multiple front-end protocols to provide connectivity options suitable for various enterprise environments. The two primary protocols used in the front end by HPE 3PAR StoreServ systems are:

* iSCSI (Internet Small Computer System Interface): A popular protocol for connecting storage devices over IP networks, iSCSI allows data to be transferred over long distances using existing network infrastructure. It is widely used in environments where cost-effective IP-based storage solutions are required.

* FC (Fibre Channel): A high-speed network technology primarily used for storage networking. It provides a reliable and fast connection for block storage, making it ideal for high-performance environments requiring low latency and high throughput.

These protocols enable HPE 3PAR systems to integrate seamlessly into a wide range of IT infrastructures, providing flexibility and performance for various workloads.

References:

* HPE 3PAR StoreServ Overview

* HPE Storage Protocols

NEW QUESTION: 44

A solution architect is explaining RBAC concepts behind the HPE GreenLake Platform. How can the customer manage users in HPE GreenLake Platform after creating new company account?

A. HPE Support must be used to create an administrator account for the organization.

B. The creator of the company account is automatically assigned to the Account Administrator role for the organization.

C. Single company can only have one account.

D. The creator of the company account must create another account with Account Administrator role.

Answer: **B** ([LEAVE A REPLY](#))

In the HPE GreenLake Platform, when a new company account is created, the individual who creates the account is automatically assigned the Account Administrator role. This role grants them the ability to manage users, assign roles, and control access within the HPE GreenLake environment, ensuring that they have full administrative control over the account from the outset.

References:

* HPE GreenLake Management

* HPE GreenLake Platform Overview

NEW QUESTION: 45

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. DMI

B. NTP

C. IPMI

D. SNMPv3

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 46

Which of the following components will need to be updated manually when performing an Intelligent (One- Click) Update on HPE AUetra dHCI?

- A. HPE Storage Connection Manager
- B. VMware vCenter
- C. Array OS
- D. VMware ESXi

Answer: ([SHOW ANSWER](#))

During an Intelligent (One-Click) Update on HPE Alletra dHCI, VMware vCenter is one of the components that will need to be updated manually. While the One-Click Update feature automates the updating process for various components like HPE Storage Connection Manager, Array OS, and VMware ESXi, vCenter requires a manual update because it serves as the central management hub for the VMware environment.

Ensuring that vCenter is up-to-date is crucial for maintaining compatibility and stability across the entire infrastructure.

For more details, refer to:

* HPE Alletra dHCI Overview

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NEW QUESTION: 47

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: A,D ([LEAVE A REPLY](#))

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: 48

Which statement is correct when discussing the RAID layout of an HPE Nimble HF-series storage system?

- A. RAID 6 triple parity is set up -21 data drives are used for RAID stripes.
- B. RAID 6 triple parity is set up -18 data drives are used for RAID stripes.
- C. RAID 6 or RAID 1 can be set up -24 data drives are used for RAID stripes.
- D. RAID 6 or RAID 1 can be set up -18 data drives are used for RAID stripes.

Answer: D ([LEAVE A REPLY](#))

In the HPE Nimble HF-series storage system, RAID 6 with triple parity is the default RAID setup, which uses

18 data drives for RAID stripes. RAID 6 provides high redundancy by allowing for the failure of up to two drives without data loss, making it an ideal configuration for environments that require a balance between performance, capacity, and fault tolerance.

References:

* HPE Nimble Storage RAID Configurations

* HPE Storage Best Practices

NEW QUESTION: 49

You are designing a solution that will have a new HPE Synergy frame and an HPE 3PAR StoreServ 8200 storage array with only the built-in ports. This new environment must keep the infrastructure within the data center to a minimum.

Which interconnect module will achieve this goal?

A. Synergy 25-50Gb F8 Switch Module

B. 6125G/XG Ethernet Blade Switch

C. Synergy 20Gb Interconnect Link Module

D. Virtual Connect SE 40Gb F8 Module

Answer: D ([LEAVE A REPLY](#))

The Virtual Connect SE 40Gb F8 Module is the appropriate interconnect module for a scenario that involves a new HPE Synergy frame and an HPE 3PAR StoreServ 8200 storage array with minimal infrastructure. This module simplifies the network infrastructure by consolidating multiple network functions into a single device, reducing the number of components needed in the data center.

The Virtual Connect SE 40Gb F8 Module provides high bandwidth, flexibility, and simplified management, allowing the environment to scale efficiently while minimizing the physical footprint and power consumption in the data center.

References:

* HPE Synergy Interconnects

* Virtual Connect SE 40Gb F8 Module

NEW QUESTION: 50

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 ([LEAVE A REPLY](#))

Peer Motion is a storage feature supported by both HPE StoreVirtual and HPE 3PAR StoreServ storage systems. It is a key differentiator of HPE storage solutions because it allows for non-disruptive, federated data mobility across storage systems. Peer Motion enables customers to move volumes between storage arrays seamlessly without downtime, making it ideal for data migration, load balancing, and tiering across heterogeneous environments.

This feature enhances flexibility and simplifies storage management, allowing organizations to optimize their storage resources dynamically and reduce the complexity of managing multiple storage systems.

References:

* HPE Peer Motion Overview

* HPE 3PAR StoreServ and StoreVirtual

NEW QUESTION: 51

A customer's environment consists of two HPE Synergy frames running VMware vSphere, HPE FlexFabric 5700 switches, and one HPE Nimble HF-series array connected via 10GbE-T ports to the FlexFabric switches. The customer is concerned about performance management of the whole solution stack.

When using infosight with VMvision and analyzing end-to-end latency, which of the components within the stack are displayed? (Choose Three)

A. iSCSI network(SAN)

B. Ethernet network (LAN)

C. storage

D. application

E. operating system

F. host

Answer: [\(SHOW ANSWER\)](#)

When using HPE InfoSight with VMVision to analyze end-to-end latency in a VMware vSphere environment connected to HPE storage solutions, the following components are displayed:

iSCSI network (SAN): InfoSight with VMVision provides insights into the performance of the storage area network (SAN) layer, specifically the iSCSI connections that are used for data transfer between the storage array and the compute infrastructure.

Storage: The storage component of the stack, which includes the HPE Nimble HF-series array, is monitored for performance metrics such as latency, throughput, and IOPS. InfoSight analyzes these metrics to identify potential bottlenecks and optimize storage performance.

Host: The host component refers to the VMware vSphere hosts running on the HPE Synergy frames. InfoSight provides detailed visibility into the performance of these hosts, including CPU, memory, and I/O operations, helping administrators to identify and resolve performance issues at the host level.

These components are critical for comprehensive performance management and troubleshooting, ensuring optimal operation of the entire solution stack.

Reference:

HPE InfoSight Overview

HPE Nimble Storage with InfoSight

NEW QUESTION: 52

A customer asks you for a recommendation on setting up their new StoreOnce appliance. They plan to use NetBackup and need the highest performance setup they can get. Their local hosts are connected via FC and the rest are connected via a WAN.

Which backup target type should you recommend?

A. VTL

B. S3

C. CIFS

D. Catalyst

Answer: [\(SHOW ANSWER\)](#)

When setting up a new HPE StoreOnce appliance for a customer who is using NetBackup and requires the highest performance setup, the best backup target type to recommend is VTL (Virtual Tape Library). VTLs are optimized for high-performance environments, particularly when connected via Fibre Channel (FC), which the customer has in their local setup. VTLs provide the speed and reliability of disk-based storage while emulating the tape systems that many backup solutions, like NetBackup, are designed to work with.

This setup will ensure the highest throughput and performance for backup operations over FC.

References:

* HPE StoreOnce Overview

* HPE VTL Solutions

NEW QUESTION: 53

Which type of networking switch handles both Ethernet and fibre channel traffic?

A. Director

B. Virtual

C. Edge

D. Converged

Answer: [\(SHOW ANSWER\)](#)

Converged switches are designed to handle both Ethernet and Fibre Channel traffic, enabling them to support converged networks where both storage and regular data traffic are managed through a single infrastructure. This approach simplifies network management and can reduce costs by consolidating the networking hardware required for both types of traffic.

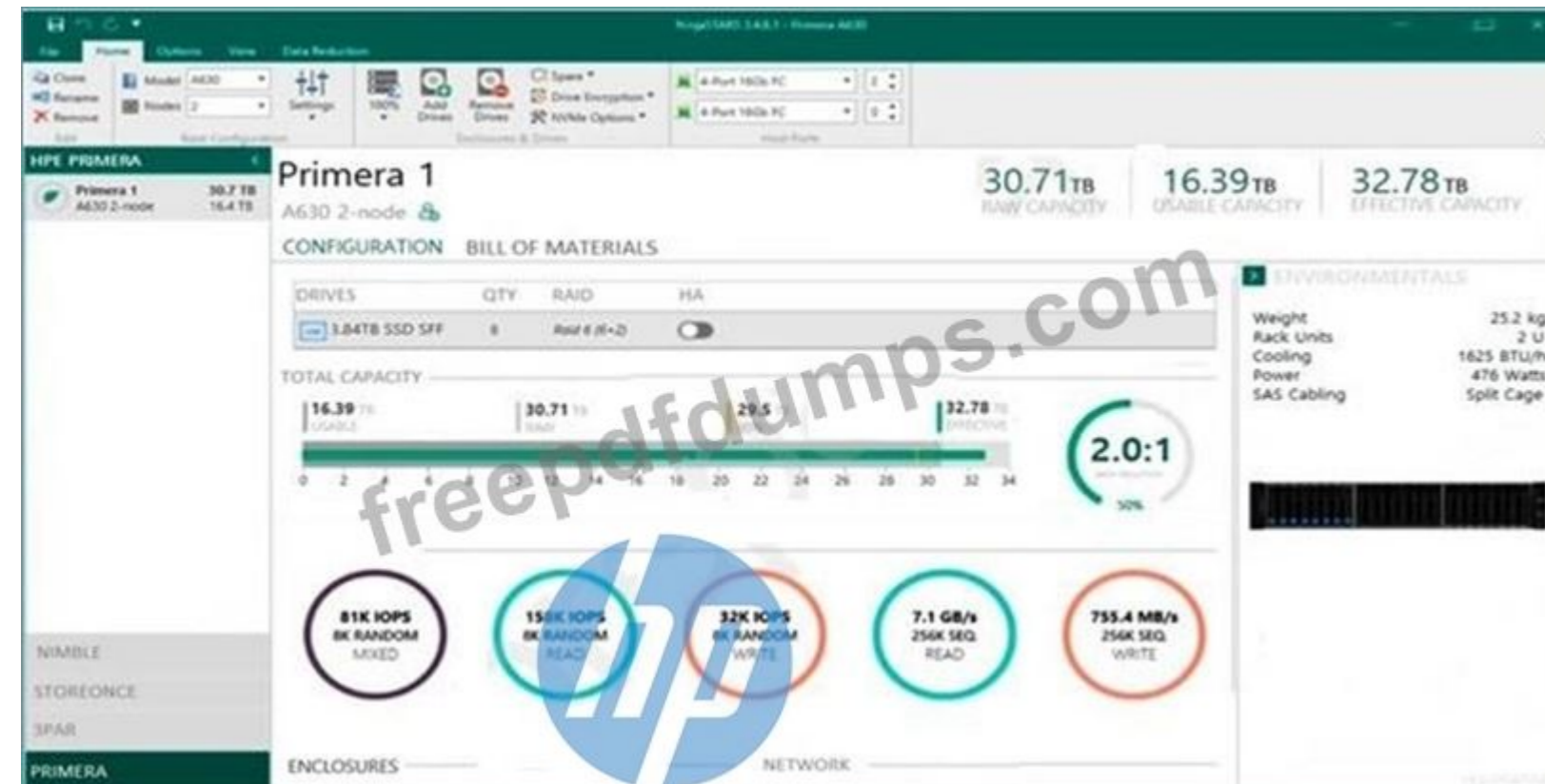
Reference:

HPE Networking Solutions

HPE Converged Infrastructure

NEW QUESTION: 54

Refer to the exhibit.



You are designing a new Primera solution and demonstrating performance numbers to the customer. The customer reviews the configuration and requests a change to the configuration that will increase Random Write IOPS.

Which action will satisfy the customer request?

- A. Add more disks of smaller capacity
- B. Upgrade the HPE Primera base model
- C. Change to larger SSDs
- D. Add more FC Ports

Answer: A (LEAVE A REPLY)

In the scenario presented, the customer requests an increase in Random Write IOPS for their HPE Primera solution. To achieve this, adding more disks of smaller capacity is the most effective approach (Option A). By increasing the number of disks, the storage system can distribute the write operations across more disks, thereby reducing the write latency and improving the overall Random Write IOPS performance. Smaller capacity disks typically allow for better IOPS performance per GB due to their higher spindle speed and lower data density, which reduces seek times.

This strategy also aligns with best practices in storage design, where increasing the number of spindles (disks) generally enhances the performance of random workloads, particularly in write-intensive environments.

Reference:

HPE Primera Overview

HPE Storage Products Overview

HPE Flash and Hybrid Storage Solutions

NEW QUESTION: 55

Which of the following components will need to be updated manually when performing an Intelligent (One-Click) Update on HPE AUetra dHCI?

- A. HPE Storage Connection Manager
- B. VMware vCenter
- C. Array OS
- D. VMware ESXi

Answer: (SHOW ANSWER)

During an Intelligent (One-Click) Update on HPE Alletra dHCI, VMware vCenter is one of the components that will need to be updated manually. While the One-Click Update feature automates the updating process for various components like HPE Storage Connection Manager, Array OS, and VMware ESXi, vCenter requires a manual update because it serves as the central management hub for the VMware environment. Ensuring that vCenter is up-to-date is crucial for maintaining compatibility and stability across the entire infrastructure.

For more details, refer to:

HPE Alletra dHCI Overview

NEW QUESTION: 56

The customer is using a user login with a Workspace observer role at the HPE GreenLake Platform level. Select the correct statement regarding roles and permissions.

- A. User can add users to the workspace
- B. User can assign access to other users
- C. User can display other users assigned the observer role
- D. User can generate invitations for new users

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 57

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 58

Match the MSA architecture components with their descriptions.

Component

Description

Tier	<input type="text"/>	aggregation of disks of the same type using a specific RAID level
Virtual disk group	<input type="text"/>	automatically assigned performance characteristic
Volume group	<input type="text"/>	collection of virtual volumes allowing group management functions
Virtual pool	<input type="text"/>	collection of virtual disk groups
Virtual volume	<input type="text"/>	logical subdivision of a virtual pool that can be mapped to a host

Answer:

Component		Description
Tier	Virtual disk group	aggregation of disks of the same type using a specific RAID level
Virtual disk group	Tier	automatically assigned performance characteristic
Volume group	Volume group	collection of virtual volumes allowing group management functions
Virtual pool	Virtual pool	collection of virtual disk groups
Virtual volume	Virtual volume	logical subdivision of a virtual pool that can be mapped to a host

NEW QUESTION: 59

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 (LEAVE A REPLY)

The HPE 3PAR StoreServ 8400 system includes the Persistent Checksum feature, which provides end-to-end data integrity. This functionality ensures that data remains consistent and uncorrupted as it travels through the system, from the host to the storage array and back. This feature is particularly important for environments where data integrity is critical, such as financial services or healthcare. The HPE 3PAR StoreServ 7200 does not offer this feature, making it a significant differentiator between the two systems.

Reference:

HPE 3PAR StoreServ 8000 Series

HPE Persistent Checksum

NEW QUESTION: 60

You are planning an upgrade to a customer's existing HPE 3PAR StoreServ 8200 to include 4-port 16Gb FC adapters. The servers are zoned to see the storage via four paths. The customer is concerned about storage availability during the upgrade.

Which statement is correct about performing this upgrade?

- A. When NPIV is enabled, the HPE 3PAR Port persistence will show all four paths to the servers.
- B. The MPIO service will do a failover, and the servers will continue to have access via two paths.
- C. Windows servers require host explorer is installed to ensure MPIO is unaffected.
- D. As long as MEM driver is installed on VMware vSphere, no path failures are seen.

Answer: (SHOW ANSWER)

During the upgrade of the HPE 3PAR StoreServ 8200 to include 4-port 16Gb FC adapters, the Multipath I/O (MPIO) service will handle failover automatically. This ensures that if any of the paths are temporarily unavailable during the upgrade, the servers will still have continuous access to the storage via the remaining paths. MPIO is designed to manage multiple paths and will reroute traffic through available paths, minimizing the impact of the upgrade on storage availability.

Reference:

HPE 3PAR StoreServ MPIO and Availability

NEW QUESTION: 61

Match the MSA architecture components with their descriptions.

Component	Description
Tier	aggregation of disks of the same type using a specific RAID level
Virtual disk group	automatically assigned performance characteristic
Volume group	collection of virtual volumes allowing group management functions
Virtual pool	collection of virtual disk groups
Virtual volume	logical subdivision of a virtual pool that can be mapped to a host

Answer:

Component	Description
Tier	aggregation of disks of the same type using a specific RAID level
Virtual disk group	automatically assigned performance characteristic
Volume group	collection of virtual volumes allowing group management functions
Virtual pool	collection of virtual disk groups
Virtual volume	logical subdivision of a virtual pool that can be mapped to a host

Explanation:

Graphical user interface Description automatically generated with medium confidence

Component	Description
Virtual disk group	aggregation of disks of the same type using a specific RAID level
Virtual volume	automatically assigned performance characteristic
Volume group	collection of virtual volumes allowing group management functions
Virtual pool	collection of virtual disk groups
Tier	logical subdivision of a virtual pool that can be mapped to a host

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NEW QUESTION: 62

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: (SHOW ANSWER)

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: 63

A customer has a 3PAR storeserv with FC and SSD drives who would like to improve the performance for random reads. Which 3PAR Storeserve feature would provide better read performance?

- A. Adaptive Flash Cache
- B. Deduplication
- C. Smart Cache
- D. Express Layout

Answer: (SHOW ANSWER)

Adaptive Flash Cache (AFC) is a feature in HPE 3PAR StoreServ arrays that improves performance for random reads by using flash storage as an extended cache. This feature is especially beneficial for workloads with high random read activity, as it accelerates read operations by storing frequently accessed data in the flash cache, reducing latency and improving overall performance.

References:

- * HPE 3PAR Adaptive Flash Cache
- * HPE Storage Performance Features

NEW QUESTION: 64

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 ([LEAVE A REPLY](#))

Fabric Shortest Path First (FSPF) is a routing protocol used in SANs to ensure the shortest and most efficient path for data within the network. By using FSPF, the latency in a SAN can be minimized by automatically selecting the best path for data traffic. This is particularly important in a full mesh topology, where multiple paths are available between switches, as it optimizes traffic flow and reduces the chances of bottlenecks.

For more information on SAN best practices, visit:

- * HPE SAN Solutions

NEW QUESTION: 65

Which software feature should an HPE 3PAR Storeserv 8000 customer use to optimize data protection and recovery, including rapid online recovery for his VMware environment?(select two)

- A. HPE 3PAR File persona Software suite
- B. HPE 3PAR Security software suite
- C. HPE 3PAR Remote copy software
- D. HPE 3PAR Virtual Copy software
- E. HPE StoreOnce recovery manager central for VMware

Answer: D,E ([LEAVE A REPLY](#))

NEW QUESTION: 66

An existing Nimble customer is interested in adding storage to their environment to store his Backups, but has a constrained budget and limited personal .The solution must scale to allow for substantial growth over the next five years?

- A. Nimble SF series
- B. Nimble AF series
- C. Nimble cloud volume
- D. Nimble CS series

Answer: D ([LEAVE A REPLY](#))

For a customer with a constrained budget and limited personnel, who requires a storage solution for backups that can scale significantly over the next five years, the HPE Nimble CS series is the most appropriate choice.

The Nimble CS series offers hybrid storage capabilities, combining flash and disk storage to balance performance and cost. It is designed to be cost-effective while still providing the ability to scale as the customer's storage needs grow. The Nimble CS series also integrates easily with existing environments, making it an ideal solution for backup storage with room for future expansion.

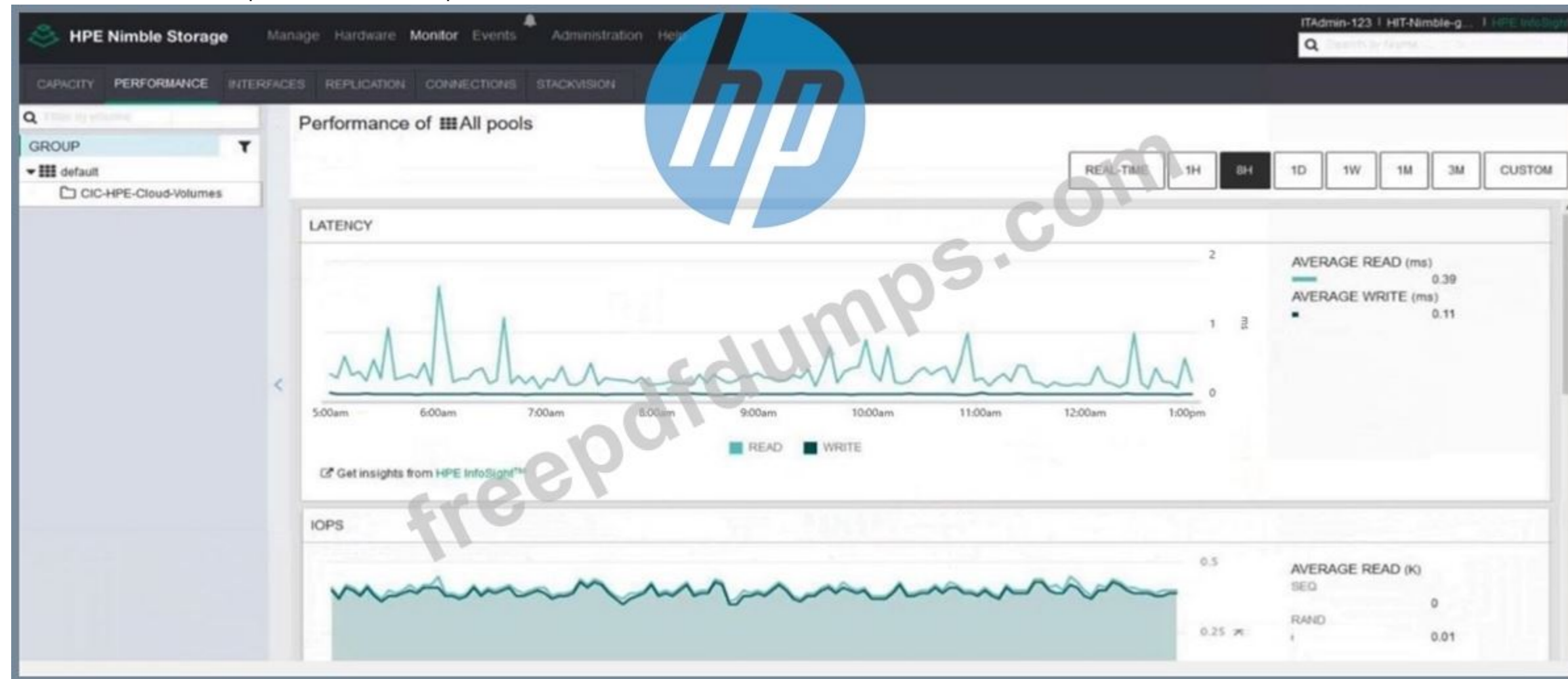
References:

- * HPE Nimble Storage CS Series
- * HPE Storage Solutions for Backup

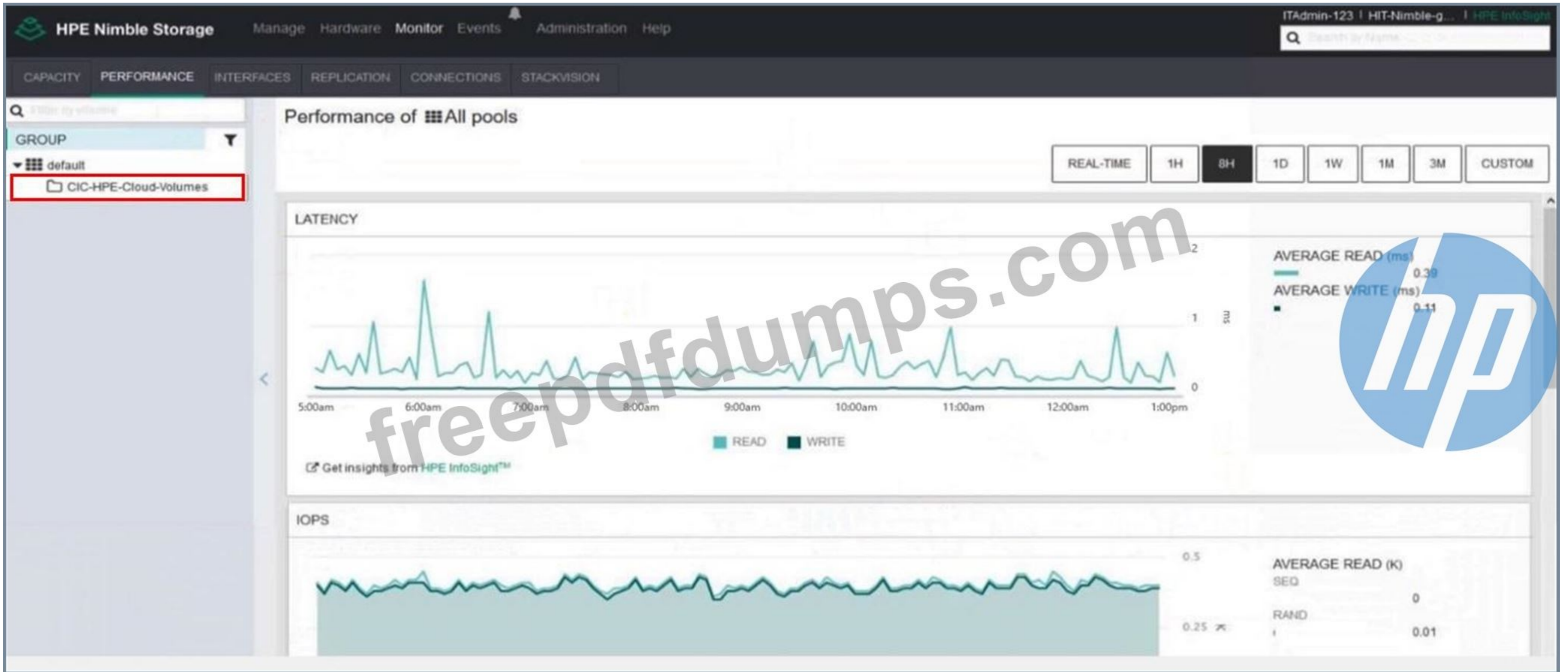
NEW QUESTION: 67

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.



Answer:



NEW QUESTION: 68

Which tool is used to configure an HPE MSA 2052?

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

Answer: [\(SHOW ANSWER\)](#)

The HPE MSA 2052 storage array is typically configured using the Storage Management Utility (SMU) (Option B). SMU is a web-based interface that allows administrators to manage and configure their MSA storage arrays. It provides an intuitive platform for setting up volumes, managing RAID levels, and configuring network settings.

This tool is essential for efficiently managing the storage environment and ensuring that the system is optimized for the specific needs of the customer.

References:

- * HPE MSA 2052 Configuration
- * HPE Storage Management Tools

NEW QUESTION: 69

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: C [\(LEAVE A REPLY\)](#)

Zoning is a technology used in B-series SAN switches to control and prevent communication between unauthorized devices within a SAN fabric. By creating zones, administrators can define which devices (like servers and storage arrays) can communicate with each other, enhancing security and reducing the risk of unauthorized access. This approach is fundamental in maintaining secure and organized SAN environments.

HPE Storage References:

- * HPE B-Series SAN Switches
- * HPE SAN Solutions and Zoning

NEW QUESTION: 70

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

Answer: C [\(LEAVE A REPLY\)](#)

NEW QUESTION: 71

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: C [\(LEAVE A REPLY\)](#)

When managing HPE Primera arrays, it's important to assess the current compaction ratios to understand how effectively data is being stored.

NinjaStars is an HPE tool specifically designed to analyze and report on data reduction technologies, including deduplication and compression, on HPE storage arrays like Primera. It helps in determining the compaction ratios, providing insights into how efficiently the storage capacity is being utilized.

References:

* HPE Primera Storage

* HPE NinjaTools Suite

NEW QUESTION: 72

A customer successfully implemented an HPE Primera solution.

Which tool can be used to verify performance counters, such as IOPS, match customer requirements?

A. Primera on-node management GUI

B. OneView

C. Recovery Manager Central

D. NinjaCrawler

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 73

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: (SHOW ANSWER)

Inline deduplication and compression are advanced features offered in the HPE Nimble AF (All-Flash) and SF (Secondary Flash) series. These features reduce the amount of physical storage required by eliminating duplicate data and compressing stored data, making it more space-efficient.

This capability is available across the entire capacity of the AF and SF series arrays, allowing for substantial savings in storage space and cost.

The AF series is designed for primary workloads requiring high performance, while the SF series is optimized for secondary workloads, such as backups and archival, with similar data reduction benefits.

NEW QUESTION: 74

Which UI should be recommended to identify elevated latency and the root causes across host, storage, or SANs on an HPE Alletra 9000 storage array?

A. HPE Data Services Cloud Console

B. HPE InfoSight

C. HPE Alletra 9000 UI

D. HPE Alletra 9000 CLI

Answer: B ([LEAVE A REPLY](#))

V The NAND memory controller is the component responsible for wear leveling in SSDs. Wear leveling is a process used to extend the lifespan of NAND flash memory by ensuring that write and erase cycles are distributed evenly across the memory cells. This prevents any single cell from being overused, which could lead to premature failure. The NAND memory controller plays a crucial role in managing this process, ensuring the reliability and longevity of the SSD.

For more details, refer to:

* HPE Storage Solutions

NEW QUESTION: 75

You are designing an HPE MSA iSCSI for a customer.

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

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

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 76

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 (LEAVE A REPLY)

Veeam Backup & Replication integrates with HPE Recovery Manager Central for VMware (RMC-V) to provide granular recovery of application items directly from backups. This integration allows users to perform item-level recovery for applications like Microsoft Exchange, SQL Server, Active Directory, and others, directly from RMC-V backups, providing a seamless and efficient recovery process.

HPE Storage Reference:

HPE and Veeam Integration

HPE Recovery Manager Central (RMC) Solutions

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NEW QUESTION: 77

When performing an OS update on an HPE Alletra 6000, which of the following options should you perform if the process fails?

- A. Wait for the rollback to the previous version to complete and then troubleshoot
- B. Connect to console via serial cable and run the "factoryimage" command
- C. Use the included USB drive and boot from the recovery image
- D. Power down, then swap controllers and power up to trigger reimaging

Answer: A (LEAVE A REPLY)

NEW QUESTION: 78

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

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 79

Match each HPE storage solution to its use case.

Solution	Use Case
Primera	Smaller site traditional deployments
MSA	Complete solution for virtualized environments
Nimble	Enterprise class storage for SMB
Nimble dHCI	Enterprise class storage with Tier-0 features
SimpliVity	hyperconverged control with independent compute and storage scalability

Answer:

Solution	Use Case
Primera	Nimble Smaller site traditional deployments
MSA	Nimble dHCI Complete solution for virtualized environments
Nimble	MSA Enterprise class storage for SMB
Nimble dHCI	Primera Enterprise class storage with Tier-0 features
SimpliVity	SimpliVity hyperconverged control with independent compute and storage scalability

NEW QUESTION: 80

Which protocol can be used for accessing StoreOnce VTL target from Veeam?

- A. FC
- B. NFSv4
- C. iSCSI
- D. SMBv3

Answer: A ([LEAVE A REPLY](#))

For accessing StoreOnce VTL (Virtual Tape Library) targets from Veeam, the recommended protocol is FC (Fibre Channel). FC provides the high throughput and low latency necessary for backup operations, making it ideal for environments where speed and reliability are critical. StoreOnce VTL supports FC as a primary protocol for integrating with backup applications like Veeam.

Reference:

HPE StoreOnce VTL

Veeam and HPE StoreOnce Integration

NEW QUESTION: 81

Which tool is used to configure an HPE MSA 2052?

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

Answer: (SHOW ANSWER)

NEW QUESTION: 82

A customer with an HPE 3PAR StoreServ needs to upgrade their aging backup solution to a more advanced solution using snapshots and deduplication.

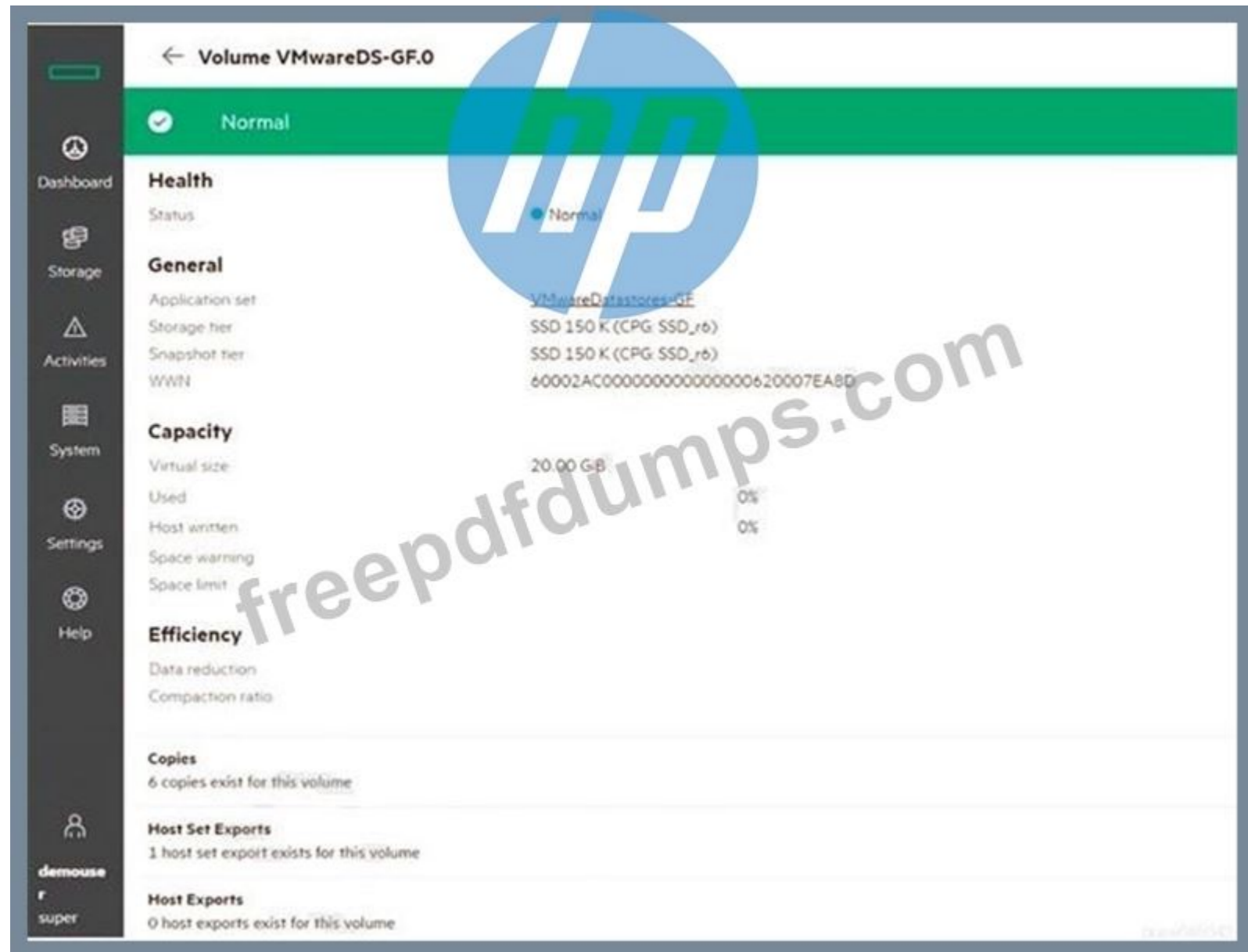
Which HPE products would meet the customer's needs? (Choose two.)

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

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 83

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 (LEAVE A REPLY)

The exhibit refers to a configuration scenario where properties of a volume set, specifically VMwareDatastores-GF, are being verified. The question focuses on identifying the RAID level used on this volume.

RAID 5 is a common configuration in many storage arrays because it provides a balance of performance, capacity, and data protection. In RAID 5, data is striped across multiple disks with parity information distributed among the disks. This parity allows for the recovery of data in the event of a single disk failure, making it a preferred choice for environments that require efficient storage utilization with a degree of fault tolerance.

HPE storage solutions, such as HPE Nimble Storage and HPE 3PAR, often employ RAID 5 for use cases involving virtualized environments like VMware datastores. These solutions are optimized for high performance and data protection, ensuring that even with a single drive failure, the data remains accessible and the system can continue to operate without significant performance degradation.

Reference:

HPE Storage Products

HPE Flash and Hybrid Storage

HPE Nimble Storage

These resources provide comprehensive information on HPE's RAID configurations, data protection mechanisms, and how they integrate with enterprise storage environments.

NEW QUESTION: 84

What information should be collected for creating a proper host entry within Data Ops Manager when using an HPE Alletta MP solution?

- A. Port World Wide Name
- B. HBA vendor
- C. LUN ID
- D. Data protection policy

Answer: A ([LEAVE A REPLY](#))

When creating a proper host entry within Data Ops Manager while using an HPE Alletra MP solution, it is crucial to collect the Port World Wide Name (WWN). The WWN is a unique identifier for each port on a host's HBA (Host Bus Adapter) and is essential for configuring storage connectivity, zoning, and mapping between the storage system and the host. Accurate WWN information ensures correct and secure access to the storage resources.

References:

- * HPE Alletra MP Data Ops Manager
- * HPE Storage Connectivity

NEW QUESTION: 85

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 86

Due to industry regulation a customer is required to store backup at a separate data center from the company's main data center. The customer application require fast backup and quick restore increase of data lose. Which solution allow the customer to meet both industry and application requirement?

- A. HPE storeServe 3par in main and secondary data center with RCIP replication between arrays
- B. Nimble AF series in main data center and Nimble SF series in secondary data center
- C. HPE Storeserve 3Par in main data center HPE StoreOnce in secondary data center with RMC
- D. HPR StoreServ 3PAR in main data center and HPE StoreOnce in both main and secondary data center.

Answer: (SHOW ANSWER)

For a customer who needs to store backups at a separate data center while requiring fast backups and quick restores, the best solution is to use HPE StoreServ 3PAR in the main data center and HPE StoreOnce in the secondary data center with Recovery Manager Central (RMC) integration. This setup provides efficient, fast backups and restores, leveraging HPE StoreOnce's advanced deduplication capabilities, while RMC ensures that backups are performed quickly with minimal impact on production workloads. This solution meets both industry regulations and application performance requirements.

References:

- * HPE StoreOnce Systems
- * HPE 3PAR and RMC

NEW QUESTION: 87

Select the correct statement regarding the interoperability of different drive interfaces.

- A. NVMe drives can be connected to SATA backplane
- B. SAS drives can be connected to SATA backplane
- C. SATA drives can be connected to the SAS backplane
- D. NVMe only supports 15K enterprise-class disks

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 88

Which 3PAR storeServ feature allow to 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 ([LEAVE A REPLY](#))

The HPE 3PAR StoreServ Persistent Port feature allows a host to continue I/O operations uninterrupted during a firmware update. It achieves this by automatically failing over the ports of the storage system to a peer port on another node, ensuring continuous data availability and service delivery. This feature is crucial during firmware upgrades or any maintenance activity where minimal disruption is desired.

HPE Storage References:

* HPE 3PAR StoreServ Architecture

* HPE 3PAR StoreServ Features

NEW QUESTION: 89

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

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

Answer: (SHOW ANSWER)

In HPE StoreOnce environments, the two most commonly used file protocols are CIFS (Common Internet File System) and NFS (Network File System).

CIFS: This protocol is widely used in Windows environments for file sharing. It enables users and applications to access files on remote servers as if they were local, making it ideal for integration with Windows-based systems.

NFS: This protocol is commonly used in Unix and Linux environments for file sharing. It allows a user on a client computer to access files over a network much like local storage is accessed.

These protocols are integral to HPE StoreOnce's capability to provide flexible and efficient file-based backup and recovery solutions across different operating environments.

Reference:

HPE StoreOnce Overview

HPE File Protocols

NEW QUESTION: 90

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 (LEAVE A REPLY)

For a cloud service provider using HPE 3PAR StoreServ 9000, Priority Optimization is the recommended solution to ensure the quality of service (QoS) and protect tenants from unpredictable bursts of I/O from other tenants. Priority Optimization allows administrators to set service levels for different workloads, ensuring that critical workloads receive the necessary resources while maintaining overall system performance. This feature helps manage and enforce QoS in a multi-tenant environment, providing predictable performance and preventing noisy neighbors from impacting other tenants.

Reference:

HPE 3PAR Priority Optimization

HPE 3PAR StoreServ 9000 Overview

NEW QUESTION: 91

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: A (LEAVE A REPLY)

Upgrading from a HPE Nimble Storage CS1000H to a CS3000 involves a disruptive upgrade process, meaning that planned downtime will be required. The disruption occurs because such an upgrade involves significant changes to the storage system, including hardware replacements and potentially data migration, which cannot be performed while the system is online.

Proper planning and scheduling of the downtime are essential to minimize the impact on business operations.

For more details, refer to:

* HPE Nimble Storage Overview

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NEW QUESTION: 92

Which statement is true regarding the connection of extra drive enclosures to the HPE Alletra 9000 storage array with an HPE Alletra 9000 NVMe-oF 100 GbE 2-port host bus adapter?

A. It can only be used if the two 100 GbE built-in ports are already populated

B. It offers a lower speed than built-in expansion ports and should be used with slower disks

C. It must be installed on every node in the second H8A slot (slot 4)

D. Alternatively, it can be used for host connectivity

Answer: D (LEAVE A REPLY)

The HPE Alletra 9000 NVMe-oF 100 GbE 2-port host bus adapter (HBA) is a versatile component that can be used for multiple purposes. While it is primarily designed for high-speed host connectivity, it can also be used for connecting extra drive enclosures to the HPE Alletra 9000 storage array. This flexibility allows it to serve dual roles depending on the specific requirements of the deployment, either expanding storage capacity by connecting additional enclosures or providing high-speed connectivity to hosts.

Reference:

HPE Alletra 9000 Overview

HPE NVMe-oF Solutions

NEW QUESTION: 93

A customer with restricted budget has an existing HPE 3PAR storeserver 8200 using 10kfast class and near line drives because of the implementation of new application .the workload has shifted to be read intensive therefore ,they want to increase the read I/O performance What should they add to their environment ?

- A. A tier with 15k fast class 600 GB drive for new CPG, configure AO policy to advantage of new resources
- B. A tier with 15k fast class drive and implement thin provisioned deduplicated virtual volumes
- C. A tier of SSD and implement thin provisioned virtual volume
- D. Two 400 GB SSD drives and enable adaptive flash cache (page 173) eed to check

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 94

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 95

During which event will HPE 3par Storeserv persistent port feature provide transparent and uninterrupted failover (Select two)

- A. Loss of persistent cache
- B. B-series SAN switch upgrades
- C. Firmware upgrade
- D. Node maintenance or failure
- E. Loss of full-mesh cluster interconnect

Answer: C,D ([LEAVE A REPLY](#))

The HPE 3PAR StoreServ Persistent Port feature ensures transparent and uninterrupted failover during specific events such as firmware upgrades and node maintenance or failure. During a firmware upgrade, the persistent port feature allows data paths to automatically fail over to an alternate path, maintaining uninterrupted host connectivity. Similarly, in the event of node maintenance or failure, the persistent port feature seamlessly redirects I/O to another available node without disrupting the service, ensuring high availability and reliability.

References:

* HPE 3PAR StoreServ All-Flash Arrays

* HPE Storage Solutions

NEW QUESTION: 96

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 97

A customer uses Veeam to backup their entire datacenter.

Which Veeam feature allows them to recover a single email from their Exchange server?

- A. Explorer for Storage Snapshots
- B. SureBackup
- C. Changed block tracking
- D. Data Mover Service

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 98

You are demonstrating adding a new virtual volume for an HPE 3PAR Storeserv array for your customer.in addition to the volume name ,What is the minimum information required to create a virtual volume(select two)

- A. Persona type
- B. Domain
- C. Host
- D. Size
- E. CPG

Answer: D,E ([LEAVE A REPLY](#))

When adding a new virtual volume on an HPE 3PAR StoreServ array, the minimum required information includes:

Size: The size of the volume must be specified to define how much storage will be allocated.

CPG (Common Provisioning Group): The CPG defines the storage pool from which the space for the new volume will be allocated. It is essential to specify this to ensure the volume is created with the correct provisioning settings.

Other options like Persona type, Domain, and Host are additional configurations but not mandatory for the initial creation of the volume.

HPE Storage Reference:

HPE 3PAR StoreServ Volume Creation

HPE 3PAR Common Provisioning Group (CPG)

NEW QUESTION: 99

A customer has an HPE 3PAR StoreServ 8200 with eight 3.84 TB SSD's configured with RAID5 7+1. They plan to add four more 3.84 TB SSD's.

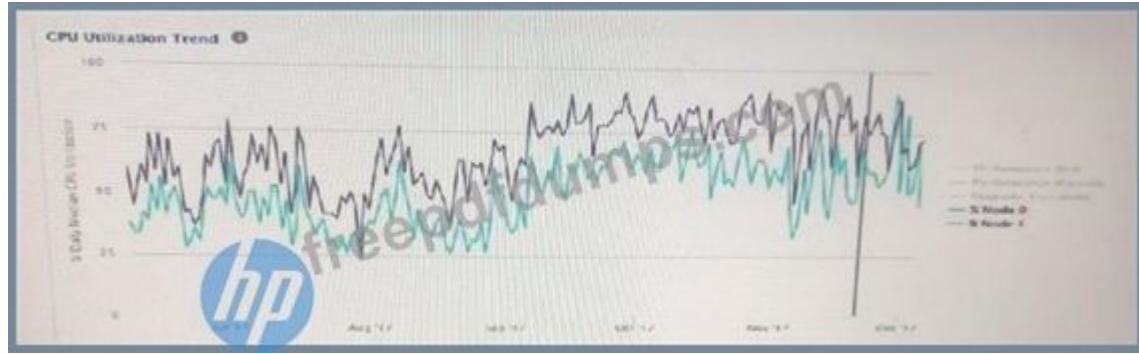
What needs to be changed on the configuration once the new SSD's are installed?

- A. Reconfigure the cpg setsize as RAID6 6+2 and wait for tunesys to complete.
- B. Change the availability level from cage to magazine.
- C. Adjust the cpg growth value to match amount of SSD's.
- D. Change the cpg setsize to RAID5 5+1 and run tunesys.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 100

Exhibit:



The customer has upgraded the first of their two HPE StoreServ 8200to the latest inform OS 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: C (LEAVE A REPLY)

When implementing HPE 3PAR compression for Oracle database volumes, it's crucial to ensure that there is sufficient processing capacity on the array. This can be achieved by balancing the workloads between the arrays to create the necessary headroom for compression tasks. Properly distributing the workloads will allow the system to efficiently manage the compression operations without negatively impacting performance.

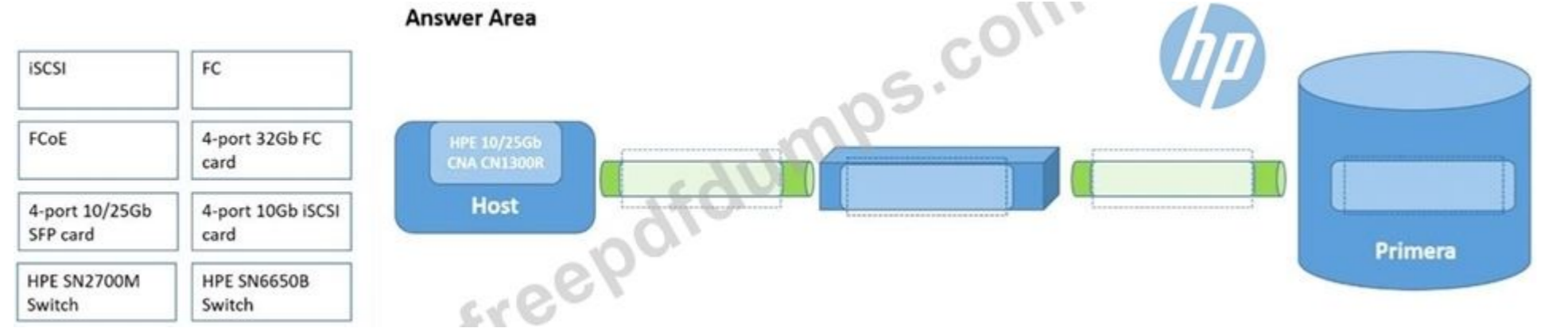
Reference:

HPE 3PAR StoreServ and Compression

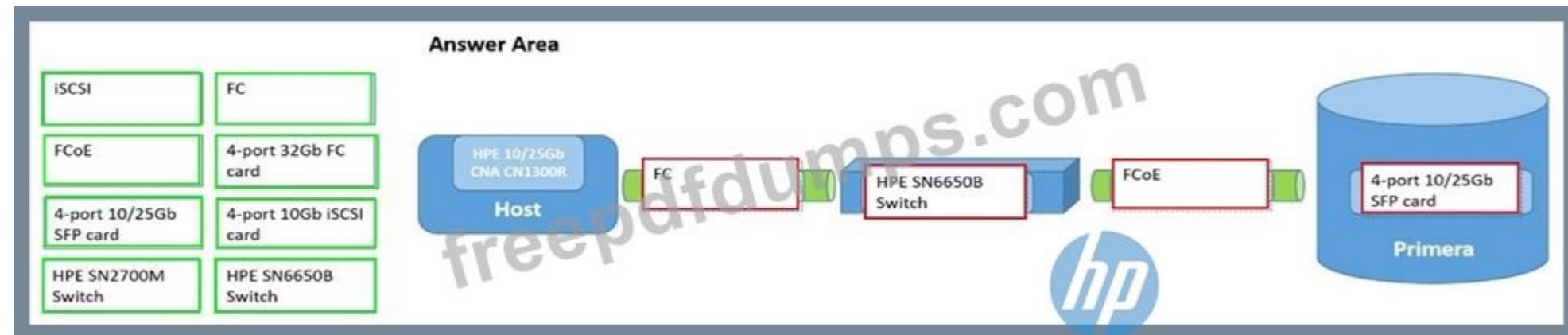
NEW QUESTION: 101

A customer wants to implement a new storage network, but wants to retain the ability to connect with legacy fiber channel-based components.

Drag the appropriate component to each box on the diagram to design a new storage network.



Answer:



NEW QUESTION: 102

Match each HPE storage solution to its use case.

Solution		Use Case
Primera	<input type="text"/>	Smaller site traditional deployments
MSA	<input type="text"/>	Complete solution for virtualized environments
Nimble	<input type="text"/>	Enterprise class storage for SMB
Nimble dHCI	<input type="text"/>	Enterprise class storage with Tier-0 features
SimpliVity	<input type="text"/>	hyperconverged control with independent compute and storage scalability

Answer:

Solution		Use Case
Primera	Nimble	Smaller site traditional deployments
MSA	Nimble dHCI	Complete solution for virtualized environments
Nimble	MSA	Enterprise class storage for SMB
Nimble dHCI	Primera	Enterprise class storage with Tier-0 features
SimpliVity	SimpliVity	hyperconverged control with independent compute and storage scalability

NEW QUESTION: 103

Users are complaining about poor performance with their Data Warehouse application.

What is an effective solution to increase their performance at minimal cost?

- A. HPE 3PAR Adaptive Flash Cache
- B. HPE 3PAR Priority Optimization
- C. HPE 3PAR Dynamic Optimization
- D. HPE 3PAR Adaptive Optimization

Answer: D ([LEAVE A REPLY](#))

When users experience poor performance with their Data Warehouse applications, HPE 3PAR Adaptive Optimization is an effective solution to enhance performance at minimal cost. Adaptive Optimization dynamically moves data between different tiers of storage based on usage patterns, ensuring that the most frequently accessed data resides on the fastest storage media (such as SSDs), while less frequently accessed data is stored on slower, more cost-effective media.

This approach optimizes storage resources, delivering improved performance for high-demand applications like Data Warehouses without requiring significant additional investment.

For further details, refer to:

* HPE 3PAR StoreServ

NEW QUESTION: 104

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: C,D ([LEAVE A REPLY](#))

For long-term data protection, retention, immutability, and encryption across multiple geographic locations, HPE Complete iTernity iCAS and HPE Scality RING on HPE Apollo Servers are the appropriate solutions.

HPE Complete iTernity iCAS provides compliance storage solutions that ensure data integrity, immutability, and long-term retention, which are critical for meeting regulatory requirements and reducing the business risks of non-compliance.

HPE Scality RING on HPE Apollo Servers offers a highly scalable object storage solution designed to manage petabytes of data across multiple locations. It provides robust data protection, global namespace management, and encryption, making it suitable for large-scale environments requiring high levels of data integrity and security.

These solutions address the customer's needs for compliance, data protection, and scalability in a global environment.

For further details, refer to:

* HPE Complete iTernity iCAS

* HPE Scality RING

NEW QUESTION: 105

Which SAN topology offers the highest centralized data access performance?

- A. Meshed
- B. Cascaded
- C. Core-Edge
- D. Ring

Answer: (SHOW ANSWER)

The Core-Edge SAN topology offers the highest centralized data access performance. In this topology, the core switch provides centralized connectivity, and the edge switches connect to the hosts and storage devices.

This architecture is highly scalable and supports high-performance data access while maintaining low latency.

It is ideal for large SAN environments where centralized data management and high throughput are crucial.

References:

* HPE SAN Solutions

* SAN Topology Guide

NEW QUESTION: 106

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

Answer: A,C (LEAVE A REPLY)

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NEW QUESTION: 107

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

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 108

Which HPE storage family should you recommend for a hybrid array, utilizing both 55D and HDD media, supporting 512TiB of raw storage and centralized cloud-based management?

- A. HPE Alletra 5000
- B. HPE Alletra 6000
- C. HPE GreenLake for Block
- D. HPEXP8

Answer: A (LEAVE A REPLY)

The HPE Alletra 5000 is the recommended storage family for a hybrid array that utilizes both SSD and HDD media, supports up to 512TiB of raw storage, and provides centralized cloud-based management. The Alletra 5000 series is designed to deliver a blend of performance and capacity, making it ideal for hybrid storage needs. Additionally, it integrates seamlessly with HPE's cloud-based management tools, offering a simplified and unified management experience across on-premises and cloud environments.

Reference:

HPE Alletra 5000 Overview

HPE Hybrid Storage Solutions

NEW QUESTION: 109

Which of the following statements is true regarding your customer's support status when moving from an HPE StoreOnce backup appliance to HPE GreenLake Backup and Recovery?

- A. The HPE StoreOnce appliance can be only used as a on-Premises Protection Store copy target

- B.** The HPE StoreOnce appliance can be shared with other backup applications
- C.** The HPE StoreOnce appliance is currently not supported
- D.** The HPE StoreOnce appliance connectivity is currently FC-only

Answer: [\(SHOW ANSWER\)](#)

When moving from an HPE StoreOnce backup appliance to HPE GreenLake Backup and Recovery, the HPE StoreOnce appliance can still be utilized as an on-premises Protection Store copy target. This means that the existing StoreOnce hardware can be integrated into the new GreenLake Backup and Recovery environment, allowing for on-premises data protection and efficient backup processes while leveraging the cloud capabilities of GreenLake for additional flexibility and scalability.

Reference:

HPE GreenLake Backup and Recovery

HPE StoreOnce Integration

NEW QUESTION: 110

Which SAN topology will result in E Port type at the SAN switch?

- A.** Meshed fabric
- B.** Routed fabric
- C.** Arbitrated loop
- D.** Point-to-point

Answer: A [\(LEAVE A REPLY\)](#)

In a meshed fabric SAN topology, the E Port (Expansion Port) type is used on SAN switches. E Ports connect to other switches within the fabric, allowing for inter-switch links (ISLs) that enable communication between multiple switches in the SAN. This topology is essential for creating a scalable and resilient storage network, as it allows multiple paths for data to travel between different nodes in the SAN.

For more information, refer to:

* HPE SAN Solutions

NEW QUESTION: 111

What HPE Alletra 9000 CLI command allows you to display teal-time statistics on exported volumes including roundtrip time of an I/O as seen by the system?

- A.** srstatvv
- B.** statvlun
- C.** srstatvlun
- D.** statvv

Answer: [\(SHOW ANSWER\)](#)

The statvlun command in the HPE Alletra 9000 CLI is used to display real-time statistics on exported volumes, including the roundtrip time (RTT) of an I/O as seen by the system. This command provides detailed insights into the performance of the volumes, helping administrators monitor and optimize the storage system's performance in real-time.

Reference:

HPE Alletra 9000 CLI Commands

HPE Storage Performance Monitoring

NEW QUESTION: 112

A customer with restricted budget has an existing HPE 3PAR storeserver 8200 using 10kfast class and near line drives because of the implementation of new application .the workload has shifted to be read intensive therefore ,they want to increase the read I/O performance What should they add to their environment ?

- A.** A tier with 15k fast class 600 GB drive for new CPG, configure AO policy to advantage of new resources
- B.** Two 400 GB SSD drives and enable adaptive flash cache (page 173) eed to check
- C.** A tier with 15k fast class drive and implement thin provisioned deduplicated virtual volumes

D. A tier of SSD and implement thin provisioned virtual volume

Answer: ([SHOW ANSWER](#))

Given the shift to a read-intensive workload, adding a tier of SSD (Solid State Drives) will significantly improve the read I/O performance of the environment. Implementing thin provisioned virtual volumes allows the storage to be allocated more efficiently, optimizing the use of available SSD resources. This combination ensures that the customer can meet the new performance demands without overspending, making it the best option for a budget-restricted scenario.

References:

* HPE 3PAR StoreServ 8000 Series

* HPE Thin Provisioning

NEW QUESTION: 113

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: A ([LEAVE A REPLY](#))

To verify achieved savings from deduplication and compression in an HPE Primera solution, the most suitable tool is NinjaSTARS. NinjaSTARS is part of the HPE NinjaTools suite, which is specifically designed to analyze storage efficiency metrics, including deduplication and compression ratios. This tool provides detailed insights into how much space has been saved through these data reduction technologies, helping to ensure that the solution is meeting expectations for storage efficiency.

References:

* HPE NinjaTools Overview

* HPE Primera Deduplication and Compression

NEW QUESTION: 114

Match the data access type in a SAN fabric to the correct description.

Data Access Type

Description

Centralized

Data access between a local server and a storage system connected to the same switch

Distributed

Data access between multiple, dispersed servers and one storage system

Local

Data access between multiple, dispersed servers and multiple storage systems

Answer:

Data Access Type	Description
Centralized	Data access between a local server and a storage system connected to the same switch
Distributed	Data access between multiple, dispersed servers and one storage system
Local	Data access between multiple, dispersed servers and multiple storage systems

Explanation:

Description
Local Data access between a local server and a storage system connected to the same switch
Centralized Data access between multiple, dispersed servers and one storage system
Distributed Data access between multiple, dispersed servers and multiple storage systems

NEW QUESTION: 115

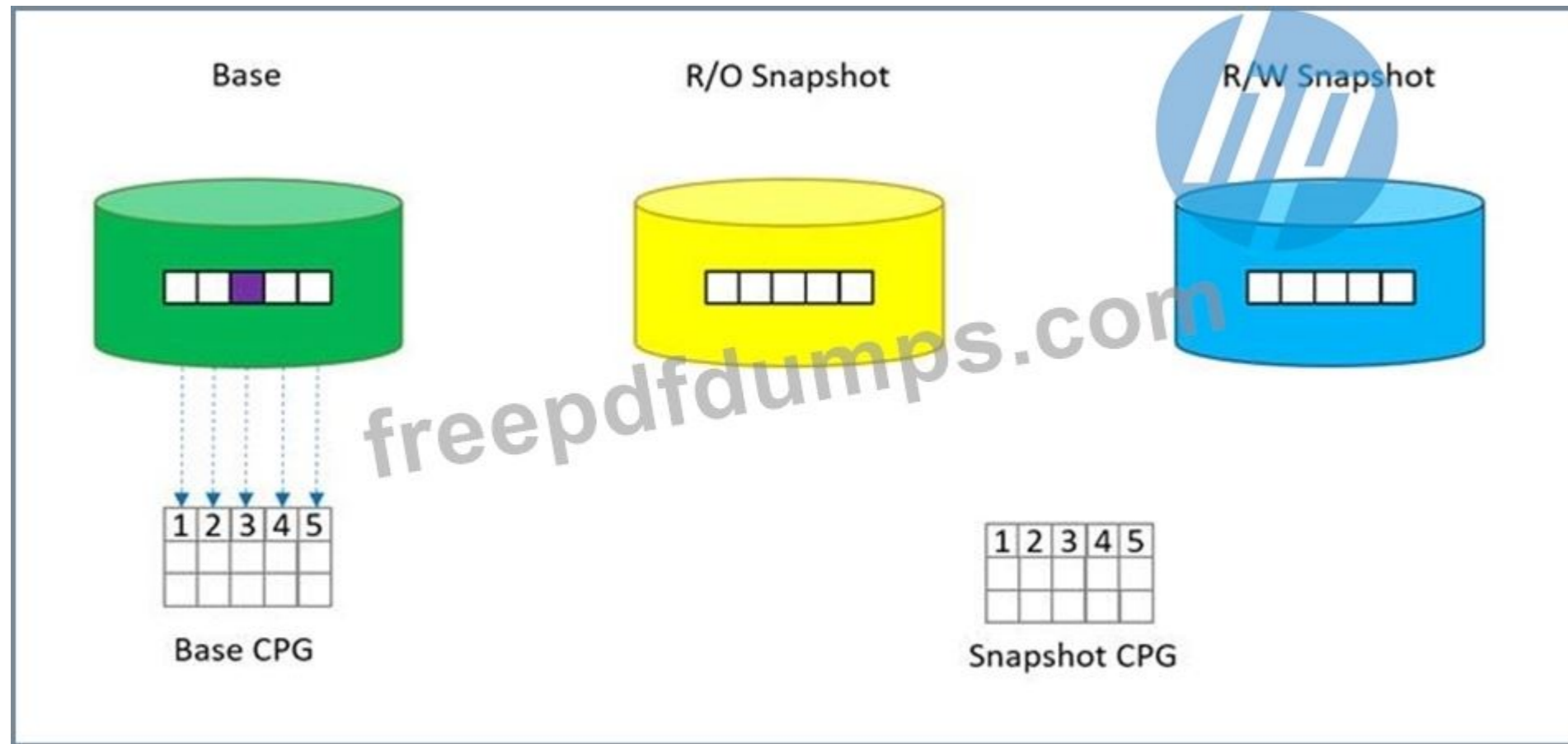
What cloud resources are currently supported for hybrid cloud protection on HPE GreenLake Backup and Recovery?

- A. Any S3-compatible
- B. Microsoft Azure
- C. Amazon AWS
- D. Google Cloud Platform

Answer: C (LEAVE A REPLY)

NEW QUESTION: 116

Refer to the exhibit.



You create two snapshots of a thin provisioned base volume in an HPE Primer a. 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



Answer:

Answer Area

Redirect the snapshots

Copy block to snapshot CPG

Update the block with new data

- 1 - Redirect the snapshots
- 2 - Copy block to snapshot CPG
- 3 - Update the block with new data

NEW QUESTION: 117

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 118

Which function is built into the HPE 3par OS and enable users to move data and workloads between array without impacting applications, users, or services?

- A. Peer persistence
- B. Adaptive optimization
- C. Peer motion
- D. Remote copy

Answer: C ([LEAVE A REPLY](#))

HPE 3PAR Peer Motion is a feature built into the HPE 3PAR OS that allows users to move data and workloads between arrays without impacting applications, users, or services. This non-disruptive data migration capability is particularly useful during hardware refreshes, technology upgrades, or when balancing workloads across arrays. Peer Motion facilitates seamless, online data migration, ensuring continuity of operations and zero downtime during the process.

Reference:

HPE 3PAR Peer Motion

HPE Storage Migration Solutions

NEW QUESTION: 119

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 dynamic optimization to automatically manage quality of service
- C. Use adaptive optimization to optimize service level automatically
- D. Use virtual domain to automatically set multi-tenant policies

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 120

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: [\(SHOW ANSWER\)](#)

NPIV (N_Port ID Virtualization) is the feature that needs to be enabled on B-series FC switches to allow individual virtual servers to have independent storage access. NPIV allows multiple virtual machines to share a single physical Fibre Channel port while maintaining separate identities (N_Port IDs), enabling each virtual machine to be seen as a separate entity on the SAN. This is crucial in a virtualized environment where individual virtual servers need direct storage access.

References:

* HPE B-Series SAN Switches

* HPE Virtualization Solutions

NEW QUESTION: 121

Select the correct initiation option for each HPE Primera function.

Answer Area

User Initiated

Autonomic



Stripe data across drives

Create Virtual Volumes

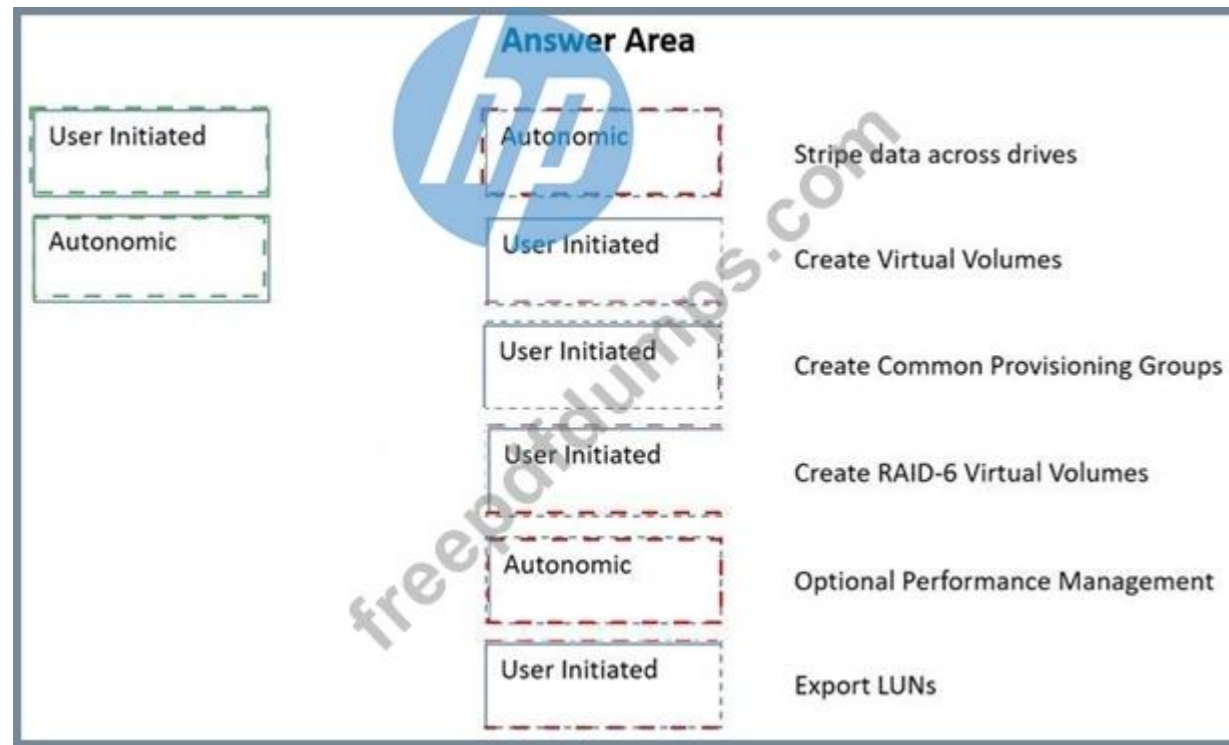
Create Common Provisioning Groups

Create RAID-6 Virtual Volumes

Optional Performance Management

Export LUNs

Answer:



Explanation:

Graphical user interface, application Description automatically generated

Answer Area

User Initiated

Autonomic

Autonomic

User Initiated

User Initiated

User Initiated

Autonomic

User Initiated

Stripe data across drives

Create Virtual Volumes

Create Common Provisioning Groups

Create RAID-6 Virtual Volumes

Optional Performance Management

Export LUNs

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NEW QUESTION: 122

Which of the following statements is true regarding your customer's support status when moving from an HPE StoreOnce backup appliance to HPE GreenLake Backup and Recovery?

- A. The HPE StoreOnce appliance can be only used as a on-Premises Protection Store copy target
- B. The HPE StoreOnce appliance can be shared with other backup applications
- C. The HPE StoreOnce appliance is currently not supported
- D. The HPE StoreOnce appliance connectivity is currently FC-only

Answer: A (LEAVE A REPLY)

When moving from an HPE StoreOnce backup appliance to HPE GreenLake Backup and Recovery, the HPE StoreOnce appliance can still be utilized as an on-premises Protection Store copy target. This means that the existing StoreOnce hardware can be integrated into the new GreenLake Backup and Recovery environment, allowing for on-premises data protection and efficient backup processes while leveraging the cloud capabilities of GreenLake for additional flexibility and scalability.

References:

- * HPE GreenLake Backup and Recovery
- * HPE StoreOnce Integration

NEW QUESTION: 123

Refer to the exhibit.



A customer purchased a Primera C6S0 array to replace several older 3PAR arrays. They plan to upgrade the system as each 3PAR reaches the end of its lease. The initial sizing included 100TB effective capacity for an Oracle database environment.

The first 3PAR to come off lease has 100TB of VDI boot images that support thousands of users.

Which addition to the Primera should you recommend?

A)



B)



C)

DRIVES	QTY	RAID	HA	RAW	SPARE	SYSTEM	USABLE
1.92TB SSD SFF	36	Raid 6 (10+2)		69.08 TB	6.91 TB	1.2 TB	50.81 TB
2.4TB 10K SFF	36	Raid 6 (10+2)		85.89 TB	4.77 TB	-	68.6 TB

WORKLOADS	ID SIZE	READ	DATA REDUCTION	HOST PORTS	ESTIMATED PERFORMANCE
Random	8K	70%	No	8	4,815 IOPS, 29.3 ms

D)

DRIVES	QTY	RAID	HA	RAW	SPARE	SYSTEM	USABLE
1.92TB SSD SFF	36	Raid 6 (10+2)		69.08 TB	11.05 TB	1.2 TB	47.36 TB
15.36TB SSD SFF	8	Raid 6 (6+2)		122.84 TB	19.66 TB	-	77.39 TB

WORKLOADS	ID SIZE	READ	DATA REDUCTION	HOST PORTS	ESTIMATED PERFORMANCE
Random	8K	75%	Yes	8	78,423 IOPS, 0.4 ms

- A. Option A
- B. Option D
- C. Option C
- D. Option B

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 124

Which type of host identification is used in an iSCSI -based SAN?

- A. WWNN
- B. WWPN
- C. IQN
- D. DCB

Answer: [\(SHOW ANSWER\)](#)

In an iSCSI-based SAN, the IQN (iSCSI Qualified Name) is used for host identification. IQNs uniquely identify iSCSI initiators and targets within a network, enabling proper connection and communication in an iSCSI storage environment. This identification is crucial for establishing and managing iSCSI sessions between hosts and storage arrays.

For more information, refer to:

* HPE Storage Networking Solutions

NEW QUESTION: 125

You have just completed a performance analysis of an HPE 3PAR StoreServ 8400 disk array with different tiers at a customer's site. After reviewing the performance metrics, you determine that they should install a new tier of SSD drives.

Which actions should you recommend they take to fully optimize the array? (Choose two.)

- A. Configure Adaptive Flash Cache.
- B. Configure scheduled tunesys tasks.
- C. Rebalance all flash drives between nodes 0 and 2.
- D. Configure Adaptive Optimization.
- E. Configure dedicated drives to enable Adaptive Flash Cache.

Answer: **B,D** [\(LEAVE A REPLY\)](#)

After determining that a new tier of SSD drives should be installed in the HPE 3PAR StoreServ 8400, the following actions should be recommended:

* Configure Adaptive Optimization (AO): AO automatically moves data between storage tiers based on real-time I/O patterns. By configuring AO, the most frequently accessed data will be moved to the new SSD tier, optimizing performance and improving efficiency.

* Configure scheduled tunesys tasks: Tunesys is a command used to optimize the storage layout on the HPE 3PAR array. By scheduling regular tunesys tasks, the data is redistributed across the available drives, ensuring that the array maintains optimal performance as the storage environment evolves.

References:

* HPE 3PAR StoreServ Adaptive Optimization

* HPE 3PAR Tunesys Command

NEW QUESTION: 126

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: C ([LEAVE A REPLY](#))

When managing HPE Primera arrays, it's important to assess the current compaction ratios to understand how effectively data is being stored.

NinjaStars is an HPE tool specifically designed to analyze and report on data reduction technologies, including deduplication and compression, on HPE storage arrays like Primera. It helps in determining the compaction ratios, providing insights into how efficiently the storage capacity is being utilized.

Reference:

HPE Primera Storage

HPE NinjaTools Suite

NEW QUESTION: 127

How many simultaneous disk failures can an HPE Alletra 6000 tolerate?

A. 3

B. 2

C. 4

D. 1

Answer: (SHOW ANSWER)

NEW QUESTION: 128

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: (SHOW ANSWER)

When designing an HPE MSA iSCSI storage solution, two critical components that are typically part of the solution are Drives (Option A) and SFPs (Small Form-factor Pluggables) (Option B).

* Drives: These are the storage devices (e.g., SSDs or HDDs) that provide the necessary capacity and performance for the MSA array. The choice of drives can be tailored based on the performance and capacity needs of the customer.

* SFPs: These are essential for establishing iSCSI or Fibre Channel connectivity between the storage array and the network switches. They play a crucial role in ensuring that the storage solution can be integrated into the customer's existing network infrastructure.

The inclusion of these components ensures that the HPE MSA solution is fully functional and can meet the performance and connectivity requirements of the customer's environment.

References:

* HPE MSA Storage Overview

* HPE Storage Components

NEW QUESTION: 129

You are required to create a configuration for pricing for a customer solution for a primary storage use case. Which HPE tool can you utilize to create the required output?

- A. SAF
- B. Ninja Stars
- C. OCA
- D. CloudPhysics

Answer: C (LEAVE A REPLY)

The OCA (One Config Advanced) tool is HPE's primary tool for configuring and pricing solutions for customer use cases, including primary storage. OCA provides detailed configuration options, allowing you to tailor the solution to specific customer requirements and generate pricing and quotes based on the selected components and configurations. It is widely used by HPE partners and sales teams for accurate and efficient solution design and pricing.

Reference:

HPE One Config Advanced (OCA)

HPE Solution Configuration Tools

NEW QUESTION: 130

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

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 131

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 (LEAVE A REPLY)

For a Virtual Desktop Infrastructure (VDI) environment where rapid provisioning of new desktops is a key requirement, HPE StoreVirtual VSA's SmartClone technology is an ideal solution. SmartClone allows for the creation of space-efficient clones of existing volumes, which can significantly reduce the time and storage space needed to provision new desktops. This technology creates clones that only use additional space for changes made to the cloned data, making it highly efficient in environments with many similar or identical data sets, like VDI.

For more details, refer to the following HPE Storage references:

* HPE StoreVirtual VSA

NEW QUESTION: 132

Which HPE Alletra 9000 management option allows you to set up performance alerts?

- A. Data Services Cloud Console Block Storage
- B. CLI
- C. Local UI
- D. Data Services Cloud Console Data Ops Manager

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 133

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 ([LEAVE A REPLY](#))

To integrate an HPE 3PAR StoreServ array with a third-party monitoring application, SNMPv3 (Simple Network Management Protocol version 3) can be configured. SNMPv3 is a protocol that supports the forwarding of events from the array to external monitoring tools. It is a secure and standardized method for managing and monitoring network devices, including storage arrays like HPE 3PAR StoreServ.

References:

* HPE 3PAR StoreServ Management

* HPE 3PAR SNMP Configuration

NEW QUESTION: 134

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: D ([LEAVE A REPLY](#))

When deploying HPE StoreOnce, it is essential to use separate backup targets for different data types to ensure optimal storage utilization and performance. Different data types may have varying deduplication ratios, backup windows, and recovery requirements. By segregating these data types into separate backup targets, the system can more efficiently manage deduplication, compression, and storage allocation, leading to better performance and reduced storage costs.

Reference:

HPE StoreOnce Best Practices

HPE Backup Solutions

NEW QUESTION: 135

Which function is built into the HPE 3par OS and enable users to move data and workloads between array without impacting applications, users, or services?

- A. Adaptive optimization
- B. Peer motion
- C. Remote copy
- D. Peer persistence

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 136

You are proposing a new Nimble solution to a customer that recently experienced data loss in their existing storage array.

Which features of the Nimble array should you emphasize to your customer to address their concerns?

(Choose two.)

- A. quick RAID rebuild
- B. deduplication
- C. compression
- D. encryption
- E. triple parity

Answer: A,E (LEAVE A REPLY)

When addressing a customer's concerns about data loss, the features of the HPE Nimble array that should be emphasized are the quick RAID rebuild (Option A) and triple parity (Option E).

* Quick RAID Rebuild: This feature is crucial in reducing downtime and data loss risk after a disk failure. Nimble's RAID technology ensures that if a drive fails, the rebuild process is swift, minimizing the exposure time during which data is vulnerable.

* Triple Parity: This feature provides an additional layer of protection against multiple simultaneous drive failures. Triple parity RAID allows the array to withstand up to three drive failures without data loss, which significantly enhances the reliability and durability of the storage system.

These features work together to provide a robust, resilient storage solution that mitigates the risk of data loss and ensures high availability, making them particularly important for customers who have experienced data loss in the past.

References:

- * HPE Nimble Storage Data Protection
- * HPE Storage Reliability and Resilience

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NEW QUESTION: 137

Which actions can be done within InfoSight Cross-Stack Analytics for VMware and Hyper-V? (Choose two.)

- A. View replication policies
- B. Find noisy neighbors
- C. Locate inactive VMs
- D. Modify administrative privileges
- E. Review backup schedules

Answer: B,C (LEAVE A REPLY)

HPE InfoSight Cross-Stack Analytics for VMware and Hyper-V provides a comprehensive view of the virtual environment, allowing users to monitor and analyze various aspects of their infrastructure. Two key actions that can be performed within this tool are finding noisy neighbors (Option B) and locating inactive VMs (Option C).

* Find noisy neighbors: This feature helps identify virtual machines (VMs) that are consuming excessive resources and negatively impacting the performance of other VMs within the environment.

By identifying these "noisy neighbors," administrators can take corrective action to optimize resource allocation and improve overall system performance.

* Locate inactive VMs: This functionality allows administrators to detect VMs that are consuming resources but are not actively in use. Identifying and addressing these inactive VMs can help free up resources and improve the efficiency of the virtual environment.

These capabilities make InfoSight Cross-Stack Analytics a powerful tool for maintaining optimal performance in VMware and Hyper-V environments.

References:

- * HPE InfoSight for Servers
- * HPE Cross-Stack Analytics Overview

NEW QUESTION: 138

A customer run several HPE 3PAR storeserv system in their environment using data rest encryption .The customer needs to add an HPE 3PAR Storeserv 8000system to the storage pool and an external key manager for all systems.. What is the requirement for this solution?

- A. Boot server for the existing 3PAR storeserv array must be replaced with self-encrypting drive

- B.** All drives of the new HPE 3PAR storeserv array must be self-encrypting
- C.** HPE ESKM FIPS mode must be disabled by the administrator
- D.** Data on the existing HPE 3PAR storeserv array must be decrypted and re-encrypted with new keys

Answer: [\(SHOW ANSWER\)](#)

When adding a new HPE 3PAR StoreServ 8000 system to a storage pool that uses data-at-rest encryption and an external key manager, it is mandatory that all drives in the new system are self-encrypting drives (SEDs). This ensures consistent encryption across all systems within the storage pool and compliance with the security policies managed by the external key manager. The SEDs in the new array will use encryption keys provided by the external key manager, maintaining data security across the environment.

Reference:

HPE 3PAR StoreServ Encryption

HPE External Key Manager

NEW QUESTION: 139

A customer's environment consists of two HPE Synergy frames running VMware vSphere, HPE FlexFabric 5700 switches, and one HPE Nimble HF-series array connected via 10GbE-T ports to the FlexFabric switches. The customer is concerned about performance management of the whole solution stack.

When using infosight with VMvision and analyzing end-to-end latency, which of the components within the stack are displayed? (Choose Three)

- A.** application
- B.** Ethernet network (LAN)
- C.** operating system
- D.** storage
- E.** iSCSI network(SAN)
- F.** host

Answer: **A,E,F** [\(LEAVE A REPLY\)](#)

NEW QUESTION: 140

You are required to create a configuration for pricing for a customer solution for a primary storage use case.

Which HPE tool can you utilize to create the required output?

- A.** SAF
- B.** Ninja Stars
- C.** OCA
- D.** CloudPhysics

Answer: **C** [\(LEAVE A REPLY\)](#)

The OCA (One Config Advanced) tool is HPE's primary tool for configuring and pricing solutions for customer use cases, including primary storage. OCA provides detailed configuration options, allowing you to tailor the solution to specific customer requirements and generate pricing and quotes based on the selected components and configurations. It is widely used by HPE partners and sales teams for accurate and efficient solution design and pricing.

References:

* HPE One Config Advanced (OCA)

* HPE Solution Configuration Tools

NEW QUESTION: 141

What is the maximum number of controller nodes that will fit into an HPE Alletra 9000 storage base?

- A.** 4
- B.** 2
- C.** 8

D. 6

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 142

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 143

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

Answer:

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Type

Address Format

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

NEW QUESTION: 144

Refer to the exhibit.



A customer purchased a Primera C6S0 array to replace several older 3PAR arrays. They plan to upgrade the system as each 3PAR reaches the end of its lease. The initial sizing included 100TB effective capacity for an Oracle database environment.

The first 3PAR to come off lease has 100TB of VDI boot images that support thousands of users.

Which addition to the Primera should you recommend?

A.

DRIVES	QTY	RAID	HA	RAW	SPARE	SYSTEM	USABLE
1.92TB SSD SFF	36	Raid 6 (10+2)	On	69.08 TB	6.91 TB	1.2 TB	50.81 TB
14TB NL LFF	12	Raid 6 (10+2)	On	164.57 TB	27.43 TB	-	114.28 TB

WORKLOADS	IO SIZE	READ	DATA REDUCTION	HOST PORTS	ESTIMATED PERFORMANCE
Random	8K	75%	No	8	1.34K IOPS 2.8 ms

B.

DRIVES	QTY	RAID	HA	RAW	SPARE	SYSTEM	USABLE
1.92TB SSD SFF	36	Raid 6 (10+2)	<input checked="" type="checkbox"/>	69.08 TB	6.91 TB	-	57.81 TB >
2.4TB 10K SFF	60	Raid 6 (10+2)	<input checked="" type="checkbox"/>	143.15 TB	7.16 TB	1.2 TB	112.33 TB v

WORKLOADS	IO SIZE	READ	DATA REDUCTION	HOST PORTS	ESTIMATED PERFORMANCE
Random	8K	70 %	No	8	8,158 IOPS, 29.5 ms >

C.

DRIVES	QTY	RAID	HA	RAW	SPARE	SYSTEM	USABLE
1.92TB SSD SFF	36	Raid 6 (10+2)	<input checked="" type="checkbox"/>	69.08 TB	6.91 TB	1.2 TB	50.81 TB >
2.4TB 10K SFF	36	Raid 6 (10+2)	<input checked="" type="checkbox"/>	85.89 TB	4.77 TB	-	68.6 TB v

WORKLOADS	IO SIZE	READ	DATA REDUCTION	HOST PORTS	ESTIMATED PERFORMANCE
Random	8K	70 %	No	8	4,815 IOPS, 29.3 ms >

D.

DRIVES	QTY	RAID	HA	RAW	SPARE	SYSTEM	USABLE
1.92TB SSD SFF	36	Raid 6 (10+2)	<input checked="" type="checkbox"/>	69.08 TB	11.05 TB	1.2 TB	47.36 TB >
15.36TB SSD SFF	8	Raid 6 (6+2)	<input checked="" type="checkbox"/>	122.84 TB	19.66 TB	-	77.39 TB v

WORKLOADS	IO SIZE	READ	DATA REDUCTION	HOST PORTS	ESTIMATED PERFORMANCE
Random	8K	70 %	Yes	8	78,423 IOPS, 0.4 ms >

Answer: A (LEAVE A REPLY)

The exhibit shows various configurations for expanding an HPE Primera C6S0 array. The customer is planning to upgrade the system as older 3PAR arrays come off lease. Since the next 3PAR system to be replaced holds 100TB of VDI boot images for thousands of users, the recommended addition to the Primera array should focus on providing the necessary performance and capacity for VDI workloads.

Option A in the exhibit appears to include a configuration that balances SSD storage with high performance, making it suitable for VDI environments. This option would allow the customer to maintain a high level of performance while migrating and consolidating their VDI workloads onto the new Primera system.

Reference:

HPE Primera Storage Overview

HPE Storage for VDI

NEW QUESTION: 145

You want to deploy Recovery Manager Central to a customer environment.

How can you accomplish this? (Choose two.)

- A. Deploy RMC on top of the virtual CentOS system using the GUI wizard
- B. Deploy RMC on top of the virtual CentOS system using the CLI
- C. Install RMC on the top of the virtual or physical RHEL system using the CLI
- D. Deploy an RMC virtual appliance to Microsoft Hyper-V hypervisor
- E. Deploy an RMC virtual appliance to VMware ESXi hypervisor
- F. Install RMC on top of the virtual or physical RHEL system using the GUI wizard

Answer: D,E (LEAVE A REPLY)

NEW QUESTION: 146

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: B ([LEAVE A REPLY](#))

The HPE 3PAR SSMC (StoreServ Management Console) System Reporter is the tool that should be used to generate and schedule high-resolution performance reports, including service time and I/O workload information. By configuring System Reporter to send daily email reports, both you and the customer can monitor the impact of changes made to the Adaptive Optimization (AO) configuration. This ensures that any latency issues or performance improvements are documented and can be analyzed regularly.

Reference:

HPE 3PAR SSMC System Reporter

HPE Performance Monitoring Tools

NEW QUESTION: 147

You want to deploy Recovery Manager Central to a customer environment.

How can you accomplish this? (Choose two.)

- A. Install RMC on top of the virtual or physical RHEL system using the GUI wizard
- B. Deploy an RMC virtual appliance to Microsoft Hyper-V hypervisor
- C. Deploy RMC on top of the virtual CentOS system using the CLI
- D. Deploy RMC on top of the virtual CentOS system using the GUI wizard
- E. Install RMC on the top of the virtual or physical RHEL system using the CLI
- F. Deploy an RMC virtual appliance to VMware ESXi hypervisor

Answer: (SHOW ANSWER)

Recovery Manager Central (RMC) is a powerful tool that integrates with HPE storage solutions to provide efficient and effective data protection. When deploying RMC in a customer environment, there are multiple options available depending on the infrastructure:

* Installing RMC on RHEL Systems: RMC can be installed on top of a virtual or physical Red Hat Enterprise Linux (RHEL) system using the GUI wizard. This method is user-friendly and offers flexibility in deployment across different types of RHEL environments.

* Deploying RMC on VMware ESXi: Another common deployment method is to deploy the RMC as a virtual appliance on a VMware ESXi hypervisor. This allows for seamless integration with virtualized environments, providing comprehensive data protection capabilities.

These deployment options provide flexibility for various customer environments, ensuring that RMC can be effectively integrated into their existing infrastructure.

References:

* HPE Recovery Manager Central (RMC)

* HPE RMC Deployment Guide

NEW QUESTION: 148

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

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

Answer: A,E ([LEAVE A REPLY](#))

NEW QUESTION: 149

A customer has a SAN based on HPE B-series switches with Gen6 fibre channel technology. Their workload is continually growing and they are experiencing performance issues. They need a solution to enable real-time monitoring and to speed up troubleshooting in his SAN backend.

Which unique feature of the HPE B-series Gen6 switches should you recommend? (Choose two.)

- A. Fabric Watch
- B. MAPS
- C. Advanced Trunking
- D. Fabric Vision
- E. Extended Fabrics

Answer: [\(SHOW ANSWER\)](#)

In HPE B-series Gen6 Fibre Channel switches, two key features that address the need for real-time monitoring and accelerated troubleshooting are MAPS (Monitoring and Alerting Policy Suite) and Fabric Vision.

* MAPS provides proactive monitoring and alerting, allowing administrators to establish policies that automatically trigger alerts when performance thresholds are crossed, helping prevent issues before they impact the environment.

* Fabric Vision is a comprehensive monitoring and diagnostics tool that enables administrators to visualize the health and performance of the SAN fabric, allowing for rapid identification and resolution of issues. Together, these features help maintain high performance and reliability in SAN environments.

References:

* HPE B-series Gen6 Fibre Channel Switches

* HPE Fabric Vision Technology

NEW QUESTION: 150

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: **B,C** [\(LEAVE A REPLY\)](#)

HPE Synergy is a composable infrastructure platform that provides fluid resource pools, enabling IT to compose, decompose, and recompose infrastructure for any workload on demand. The key benefits are:

Composing and Reclaiming DAS Storage: HPE Synergy allows you to compose and reclaim direct-attached storage (DAS). This capability provides flexibility in allocating storage resources to different workloads dynamically and efficiently, helping optimize resource utilization.

Support for HPE BladeSystem c-class FlexFabric Interconnect Modules: HPE Synergy is designed with backward compatibility, allowing it to support existing HPE BladeSystem c-class infrastructure, including FlexFabric interconnect modules. This helps organizations leverage their existing investments while adopting the Synergy platform.

Reference:

HPE Synergy Overview

HPE Composable Infrastructure

NEW QUESTION: 151

A customer has a SAN based on HPE B-series switches with Gen6 fibre channel technology. Their workload is continually growing and they are experiencing performance issues. They need a solution to enable real-time monitoring and to speed up troubleshooting in his SAN backend.

Which unique feature of the HPE B-series Gen6 switches should you recommend? (Choose two.)

- A. Advanced Trunking
- B. Fabric Vision
- C. Fabric Watch
- D. Extended Fabrics
- E. MAPS

Answer: [\(SHOW ANSWER\)](#)

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NEW QUESTION: 152

You have just completed a performance analysis of an HPE 3PAR StoreServ 8400 disk array with different tiers at a customer's site. After reviewing the performance metrics, you determine that they should install a new tier of SSD drives.

Which actions should you recommend they take to fully optimize the array? (Choose two.)

- A. Configure Adaptive Flash Cache.
- B. Configure scheduled tunesys tasks.
- C. Rebalance all flash drives between nodes 0 and 2.
- D. Configure Adaptive Optimization.
- E. Configure dedicated drives to enable Adaptive Flash Cache.

Answer: (SHOW ANSWER)

After determining that a new tier of SSD drives should be installed in the HPE 3PAR StoreServ 8400, the following actions should be recommended:

Configure Adaptive Optimization (AO): AO automatically moves data between storage tiers based on real-time I/O patterns. By configuring AO, the most frequently accessed data will be moved to the new SSD tier, optimizing performance and improving efficiency.

Configure scheduled tunesys tasks: Tunesys is a command used to optimize the storage layout on the HPE 3PAR array. By scheduling regular tunesys tasks, the data is redistributed across the available drives, ensuring that the array maintains optimal performance as the storage environment evolves.

Reference:

HPE 3PAR StoreServ Adaptive Optimization

HPE 3PAR Tunesys Command

NEW QUESTION: 153

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: A,C (LEAVE A REPLY)

When presenting a Nimble solution based on CS3000 hardware, two key support advantages are provided:

Customers always interact with a 3rd level support engineer, when needed: HPE Nimble Storage has a unique support model where customers directly interact with higher-level support engineers when necessary, bypassing the traditional tiered support model. This ensures faster resolution of complex issues.

Infosight handles the work of 1st and 2nd level support specialists: HPE Infosight, a powerful AI-driven predictive analytics platform, automatically resolves many issues that would typically require intervention from 1st or 2nd level support. It also integrates with the HPE support center via Insight Online, providing proactive issue resolution and reducing the administrative burden on the customer.

HPE Storage Reference:

HPE Infosight Overview

HPE Nimble Storage Support Model

NEW QUESTION: 154

You have configured a performance alert with the following command: "createsralertcrit port write»bps> TO000.sumwrite_iops>50000 alert" Which of the following options will trigger the alert?

- A. If an array port has received more than 10 000 write IOPS and if the sum of all write IOPS for all ports exceeds 50 000

- B.** If a host port has transferred more than 10 000 write IOPS or if the sum of all host write IOPS for all ports of that host exceed 50 000
- C.** If an array port has received more than 10 000 write IOPS or if the sum of all write IOPS for all ports exceeds 50 000
- D.** If a host port has transferred more than 10 000 write IOPS and if the sum of all host write IOPS for all ports of that host exceed 50 000

Answer: C ([LEAVE A REPLY](#))

The performance alert command provided would trigger an alert if an array port has received more than

10,000 write IOPS or if the sum of all write IOPS for all ports exceeds 50,000. This alert is designed to monitor and respond to high I/O activity on the storage array, ensuring that administrators are notified if the performance thresholds are breached, which could indicate potential issues or the need for further resource optimization.

For more information, refer to:

* HPE Storage Monitoring Tools

NEW QUESTION: 155

What information should be collected for creating a proper host entry within Data Ops Manager when using an HPE Alletra MP solution?

- A.** Port World Wide Name
- B.** HBA vendor
- C.** LUN ID
- D.** Data protection policy

Answer: (SHOW ANSWER)

When creating a proper host entry within Data Ops Manager while using an HPE Alletra MP solution, it is crucial to collect the Port World Wide Name (WWN). The WWN is a unique identifier for each port on a host's HBA (Host Bus Adapter) and is essential for configuring storage connectivity, zoning, and mapping between the storage system and the host. Accurate WWN information ensures correct and secure access to the storage resources.

Reference:

HPE Alletra MP Data Ops Manager

HPE Storage Connectivity

NEW QUESTION: 156

Your customer would like you to prepare an upgrade plan that includes adding extra disks to their HPE GreenLake for Block Storage array to boost performance optimization. What would be the optimal minimum upgrade?

- A.** SSD per enclosure
- B.** 1 SSD per system
- C.** 2 SSDs per enclosure
- D.** 2 SSDs per system

Answer: (SHOW ANSWER)

For optimal performance optimization in an HPE GreenLake for Block Storage array, the recommended minimum upgrade would be to add 2 SSDs per enclosure. This configuration helps to balance the load across the storage system and enhances performance by improving data distribution and access speeds. By adding SSDs to each enclosure, you ensure that the performance benefits are evenly distributed, which is crucial for maintaining consistent high-speed access across the entire storage environment.

Reference:

HPE GreenLake Storage Solutions

HPE SSD Performance Optimization

NEW QUESTION: 157

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: [\(SHOW ANSWER\)](#)

In an HPE 3PAR StoreServ system, the concept of a "node pair" is crucial to understanding how the system manages and owns physical drives. A node pair, which consists of two controller nodes, is responsible for managing the physical drives. Each node pair works in tandem to provide redundancy and high availability. The node pair owns the physical drives and manages data distribution, I/O operations, and redundancy across the drives within the system.

This architecture ensures that in the event of a failure in one node, the other node in the pair can continue to manage the drives and maintain data access, providing seamless operations and high reliability.

Reference:

HPE 3PAR StoreServ Storage Architecture

HPE Storage Overview

HPE Flash and Hybrid Storage

NEW QUESTION: 158

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 [\(LEAVE A REPLY\)](#)

HPE SPOCK (Single Point of Connectivity Knowledge) is the authoritative source for information on supported configurations, firmware levels, drivers, and operating systems for HPE storage products. It provides detailed compatibility matrices and reference documents for ensuring that all components in the HPE storage environment, including storage arrays, SAN switches, servers, and operating systems, are compatible and supported.

SPOCK is regularly updated with the latest information, making it an essential tool for planning upgrades and ensuring a stable, supported configuration in HPE storage environments.

References:

* HPE SPOCK

* HPE Storage Overview

NEW QUESTION: 159

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: C [\(LEAVE A REPLY\)](#)

The customer's current environment consists of HPE 3PAR, Nimble, and MSA arrays, all providing file services through multiple virtual machines. The key issues presented are the need to increase performance, enhance availability, and reduce management overhead.

HPE 3PAR File Persona is the best solution among the given options because it integrates file and block services natively within the 3PAR system. This solution offers several advantages:

Performance: 3PAR File Persona is designed to handle high-performance workloads by utilizing the 3PAR architecture, which is known for its efficiency and speed. This will significantly increase the overall performance of file services compared to traditional virtual machine-based file services.

Availability: HPE 3PAR File Persona benefits from the robust, high-availability architecture of the 3PAR system, which includes features like advanced data protection, automated failover, and seamless data mobility. These features enhance the availability of the file services provided by the system.

Reduced Management Overhead: By integrating file services directly into the 3PAR array, File Persona reduces the complexity associated with managing multiple virtual machines for file serving. It simplifies management through a unified interface that handles both block and file services, reducing the need for separate management tools or additional hardware like gateways.

In contrast:

StoreEasy 3850 Gateway and StoreEasy 5000 are dedicated NAS appliances designed for file storage. However, they would add additional hardware and management complexity to the environment.

Simplivity 380 is a hyper-converged solution focused on virtualized environments but would not directly address the file serving needs in the way 3PAR File Persona does.

HPE Storage Reference:

HPE 3PAR File Persona Overview

HPE 3PAR Storage Systems

HPE 3PAR Architecture

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