2024 Updated HP HPE0-J68 Certification Study Guide Pass HPE0-J68 Fast [Q37-Q52

2024 Updated HP HPE0-J68 Certification Study Guide Pass HPE0-J68 Fast HPE0-J68 Dumps PDF 2024 Program Your Preparation EXAM SUCCESS

HPE0-J68 exam is a popular certification exam for IT professionals who want to advance their careers in the HPE storage solutions field. HPE0-J68 exam is challenging and requires a deep understanding of HPE storage solutions. Individuals who pass the exam will have demonstrated their knowledge and expertise in the field, and will be recognized as HPE Storage Solutions certified professionals.

Q37. Your customer is interested in HPE GreenLake for Block storage, but questions the capabilities of monitoring when using cloud-based management. Which two types of performance-related information can be displayed in a graph format, within Data Ops Manager, without further configuration? (Select two.)
* Top host ports by write throughput
* Top volume sets by read IOPS
* Top SAN switches by read IOPS
* Top SAN switches by latency

* SAP HANA OLTP requests per second

Q38. 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?
* Synergy 25-50Gb F8 Switch Module
* 6125G/XG Ethernet Blade Switch
* Synergy 20Gb Interconnect Link Module
* Virtual Connect SE 40Gb F8 Module

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

Q39. Which Ul should be recommended to identify eleveted latency and the root causes across host, storage, or SANs on an HPE Alletra 9000 storage array?
* HPE Data Services Cloud Console
* HPE InfoSight
* HPE Alletra 9000 Ul
* HPE Alletra 9000 CLI

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

Q40. Your customer would like to improve the security of their backups with HPE StoreOnce data-in-flight encryption. Which statement is true for this feature?
* It is only available on hardware StoreOnce models
* It is only available for StoreOnce Catalyst Store
* It is only available for IP traffic
* It is hardware accelerator based

Q41. What is the benefits of HPE synergy(Select 2)
* It can present block storage services from HPE 3par as part of the resource pool
* It support up to 3 HPE store Virtual VSA nodes for storage RAID
* It can use HPE 3PAR file persona for objet storage

* It can compose and reclaim DAS storage
* It support HPE blade system C-Class Flex Fabrics Interconnect module (need to check)

Q42. Which HPE storage solutions offer a two-tier backup solution for hybrid cloud with optimal recovery time?

(Choose two.)
* Simplivity 380
* Nimble SF series
* 3PAR 8000 series
* StoreOnce with Catalyst
* Nimble CS series

HPE offers several storage solutions that provide optimized backup and recovery solutions for hybrid cloud environments:

* HPE StoreOnce with Catalyst: This solution provides an efficient, two-tier backup architecture that integrates with cloud storage, offering deduplication and data movement capabilities. It ensures fast recovery times and supports hybrid cloud environments, where backups can be seamlessly moved to the cloud for DR protection and retrieved quickly when needed.

* HPE 3PAR 8000 Series: The HPE 3PAR StoreServ 8000 series includes robust data protection features, such as snapshot and replication capabilities, which can be integrated with cloud services through solutions like CloudBank. This integration allows for efficient, cloud-enabled data protection, optimizing recovery time and offering flexibility in a hybrid cloud environment.

These solutions provide a comprehensive approach to data protection, ensuring fast recovery times while leveraging the cloud for long-term storage and disaster recovery.

References:

* HPE StoreOnce Solutions

* HPE 3PAR StoreServ 8000

Q43. Which SSD controller component enhances the performance of NAND flash and acts as a cache?
* SATA interface chip
* DRAM
* NAND memory controller
* Processor

Q44. What owns the physical drives in an HPE 3PAR StoreServ Express Layout?
* a logical disk
* a chunklet
* a single node
* a node pair

Q45. 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.)
* HPE StoreOnce Systems
* HPE Complete Veeam
* HPE Complete iTernity iCAS
* HPE Scality RING on HPE Apollo Servers

* HPE 3PAR StoreServ 9000
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

Q46. Which storage principle would benefits of customer who has several departments in their organization with different storage needs?
* Autonomic Management
* Federated storage
* Multi-tenancy
* Scale out storage

Q47. 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?
* LACP
* NPIV
* FSPF
* VSF
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

Q48. A customer is planning to connect a new HPE 3PAR StoreServ system to its existing Synergy based composable infrastructure via direct-attach.

Which tool would be used to manage the storage?
* HPE SAN Network Advisor
* HPE Synergy Image Streamer
* HPE Synergy Composer

*   HPE InfoSight for 3PAR

HPE Synergy Composer is the tool used to manage the HPE 3PAR StoreServ system when it is connected to a Synergy-based composable infrastructure via direct-attach. Synergy Composer is powered by HPE OneView and provides a unified interface for managing compute, storage, and networking resources within the Synergy environment. It allows administrators to manage the storage configurations, provisioning, and lifecycle management of the connected HPE 3PAR StoreServ system, ensuring seamless integration with the composable infrastructure.

References:

* HPE Synergy Composer

* HPE 3PAR and Synergy Integration

Q49. Match the HPE converged Strategy principle with its function

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

Q50. Which statement regarding fixed-block chunking options on HPE StoreOnce is true?

*   It can be set on any type of HPE StoreOnce backup target
*   It can be disabled at any time
*   It is a Veeam-specific feature
*   It has been available since HPE StoreOnce software revision 3.x

Q51. Which technology provides a low-latency storage tier suitable for caching?

*   SAS SSD
*   Enterprise SAS 15K
*   Persistent Memory
*   NVMe flash storage

Q52. You are designing a new HPE 3PAR StoreServ solution.

Which HPE tool allows editing the Customer Intent Document and adding specific instructions for packing?

*   One Config Advanced
*   SAF Collect
*   NinjaSTARS
*   Storage Sizing Tool

HPE0-J68 exam is an essential certification exam for IT professionals who want to validate their expertise in HPE storage solutions. HPE0-J68 exam covers various aspects of HPE storage solutions, including storage architecture, storage networking technologies, backup and recovery solutions, and data protection. HPE Storage Solutions certification exam helps professionals to acquire the necessary skills and knowledge to design, deploy and manage HPE storage solutions efficiently and gain recognition and credibility in the IT industry.

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