

2024 Updated Verified Pass HPE0-V25 Exam - Real Questions & Answers [Q23-Q46]



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To prepare for the HPE0-V25 exam, candidates can take advantage of various resources provided by HPE, including training courses, study guides, and practice exams. In addition, practical experience in implementing and managing HPE Hybrid Cloud Solutions is highly recommended. Passing the HPE0-V25 exam validates the skills and knowledge required to successfully design and manage HPE Hybrid Cloud Solutions, and can open up career opportunities in the field of cloud computing.

NO.23 A customer who is new to HPE wants to refresh the hardware infrastructure for their VMware environment. Before meeting the customer, you need to perform an assessment to get a better of their environment.

Which HPE tool should you use?

- * OneView
- * CloudPhysics
- * GreenLake QuiCk Quote

* InfoSight

CloudPhysics is a tool that provides a comprehensive assessment of VMware environments and helps identify opportunities for optimization and modernization. CloudPhysics can also generate a ready-to-order bill of materials for HPE solutions based on the customer's workload requirements. The other options do not seem to be suitable for performing an assessment of a VMware environment. OneView is a tool for managing HPE servers, storage, and networking.

GreenLake Quick Quote is a tool for creating quotes for HPE GreenLake services. InfoSight is a tool for monitoring and managing HPE storage systems.

NO.24 Your customer has a large DL380Gen10 and DL385 Gen10 Plus server farm. They only have a small staff monitoring and managing these servers. You need to recommend a management service that will allow them to free up resources and automate management.

What HPE management service should they use?

- * HPE GreenLake Compute Ops Manager
- * HPE CloudPhysics
- * iLO5 Lifecycle Management
- * HPE InfoSight

Explanation

This is because HPE GreenLake Compute Ops Management is a cloud-based service that provides a unified and automated way to monitor, manage and update servers remotely through a web console. It can help customers free up resources and automate management tasks such as firmware updates, compliance checks, server health monitoring and troubleshooting. It can also support servers across different locations and platforms, whether on premises, at the edge or in the cloud.

NO.25 Drag and Drop Question

Match the HPE server models with the appropriate specification.

Answer Area

Server

- DL20 Gen10 Plus
- DL180 Gen10
- DL345
- DL560

Specification

- Flexible and affordable 15" deep server supporting the latest Intel XEON E processors
- High-density, four-socket server with high performance, scalability and reliability, all in a 2U chassis for business-critical computing performance
- Secure and cost effective 1P 2U server delivering flexible storage capacity, delivering a high core count, and a large memory footprint
- Secure 2P 2U server delivering world-class compelling performance with the right balance of expandability and scalability

Answer Area

Server

	Specification
DL20 Gen10 Plus	Flexible and affordable 15" deep server supporting the latest intel XEON E processors
Dt1550	High-density, four-socket server with high performance, scalability and reliability, all in a 2U chassis for business-critical computing performance
DL345	Secure and cost effective 1P 2U server delivering flexible storage capacity, delivering a high core count, and a large memory footprint
DL180 Gen10	Secure 2P 2U server delivering world-class compelling performance with the right balance of expandability and scalability

NO.26 Is HPE GreenLake a public cloud offering?

- * Yes
- * No

HPE GreenLake is a private cloud offering that provides organizations with a consumption-based model for IT resource provisioning. It enables organizations to pay for their IT resources based on actual usage, making it a flexible and cost-effective approach to IT resource provisioning. HPE GreenLake supports a range of services, including infrastructure-as-a-service (IaaS), platform-as-a-service (PaaS), and software- as-a-service (SaaS).

NO.27 Match eachHPE product Withthe customer requirements it meets.

Product

Requirements

MSA 2062



A hospital wants to store air-gapped copies of their medical imaging to protect against ransomware attacks and natural disasters.

MSL2024



A customer needs a low cost entry-level storage appliance with automatic tiering for their Fibre Channel environment.

StoreEasy 1560



A small software development company needs a solution for their growing file shares in their Microsoft environment.

StoreOnce VSA



Customer wants to backup and quickly recover their Hyper-V environment in a remote site with an option to backup to the cloud.

Product

Requirements

MSA 2062



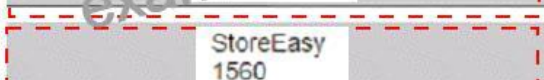
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StoreEasy 1560



A small software development company needs a solution for their growing file shares in their Microsoft environment.

StoreOnce VSA



Customer wants to backup and quickly recover their Hyper-V environment in a remote site with an option to backup to the cloud.

Explanation

- * MSA 2062: A customer needs a low cost entry-level storage appliance with automatic tiering for their Fibre Channel environment
- * MSL2024: A hospital wants to store air-gapped copies of their medical imaging to protect against ransomware attacks and natural disasters
- * StoreEasy 1560: A small software development company needs a solution for their growing file shares in their Microsoft environment
- * StoreOnce VSA: Customer wants to backup and quickly recover their Hyper-V environment in a remote site with an option to backup to the cloud This is because:
 - * MSA 2062: This is a flash-enabled storage appliance that supports Fibre Channel, iSCSI and SAS connectivity. It offers automatic tiering that optimizes performance and cost by moving data between SSDs and HDDs based on usage patterns.
 - * MSL2024: This is a tape library that supports up to 24 LTO tape cartridges and one or two tape drives. It provides offline data protection and long-term retention for compliance and disaster recovery purposes.

It can also create air-gapped copies of data that are isolated from network threats such as ransomware.

- * StoreEasy 1560: This is a file storage appliance that supports SMB, NFS and FTP protocols. It is optimized for Microsoft environments and integrates with Active Directory, BitLocker encryption, Windows Storage Server and Windows Server Backup. It can scale up to 16 TB of internal capacity and

280 TB of external capacity.

- * StoreOnce VSA: This is a virtual storage appliance that provides backup and recovery for virtualized environments. It supports Hyper-V, VMware and KVM hypervisors and integrates with backup applications such as HPE Data Protector and Veeam. It can also deduplicate data and replicate it to
 - * another StoreOnce system or to the cloud.

NO.28 Are HPE ProLiant servers designed for high-performance computing workloads?

- * Yes
- * No

HPE ProLiant servers are designed to deliver high performance, scalability, and reliability, making them an ideal choice for high-performance computing workloads. They provide advanced computing capabilities, including support for high-performance processors, high-speed networking, and large-scale memory configurations. HPE ProLiant servers also provide advanced management capabilities, making it easier for organizations to deploy and manage their servers at scale.

NO.29 Drag and Drop Question

Match the protocol to a fundamental approach for storing data. (Each option may be used once, more than once, or not at all.)

Answer Area	
NAS	Block access using a FC protocol.
SAN	Block access using a FCoE protocol.
	Sharing files over industry standard protocols such as NFSv4 or SMB.
	Block access using a iSCSI protocol.

Answer Area		
NAS	SAN	Block access using a FC protocol.
SAN	SAN	Block access using a FCoE protocol.
	NAS	Sharing files over industry standard protocols such as NFSv4 or SMB.
	SAN	Block access using a iSCSI protocol.

Explanation:

According to the HPE website, NAS stands for Network Attached Storage and is a storage system that provides file-level access to data over a network. NAS devices use protocols such as NFSv4 or SMB to share files with clients. NAS devices typically have their own file system and operating system and can support multiple users and applications.

SAN stands for Storage Area Network and is a network that provides block-level access to data over a dedicated network. SAN devices use protocols such as FC, FCoE, or iSCSI to transfer blocks of data to servers. SAN devices do not have their own file system and rely on the servers to manage the data. SAN devices typically provide high performance and availability for mission-critical applications.

NO.30 What value does deploying workloads on HPE GreenLake provide? (Select two.)

- * Pay for resources consumed
- * Foundation Care support
- * Capacity on demand licensing model
- * capacity ahead Of demand
- * Single-pane management interface with OneView for storage and server management

Explanation

HPE GreenLake is a cloud services platform that delivers on-demand capacity and planning, combining the agility and economics of the public cloud with the security and performance of on-premises IT. Some of the benefits of HPE GreenLake include:

- * Pay for resources consumed: HPE GreenLake offers a pay-per-use model that aligns costs with actual usage, reducing overprovisioning and improving cash flow. Customers can also scale up or down as needed and only pay for what they use.

* Capacity ahead of demand: HPE GreenLake provides customers with buffer capacity that is ready to use in minutes, not months, enabling them to respond quickly to changing business needs. Customers can also access a range of cloud services from HPE and partners through a self-service portal.

NO.31 Which of the following is a key benefit of HPE SimpliVity?

- * Reduced storage requirements through data deduplication
- * Improved network performance through software-defined networking
- * Increased flexibility through containerization
- * Improved scalability through serverless computing

Data deduplication is a technique used to reduce storage requirements by identifying and eliminating duplicate data. HPE SimpliVity features data deduplication as a key benefit, which can result in significant cost savings and improved storage efficiency.

NO.32 If an organization wants to automate its IT operations, which HPE solution should it consider?

- * HPE SimpliVity
- * HPE OneView
- * HPE Synergy

HPE OneView is a management platform that provides organizations with a unified view of their IT infrastructure, including servers, storage, and networking. It enables organizations to automate their IT operations by providing a single interface for provisioning, monitoring, and updating their IT resources.

HPE OneView also supports integration with other automation and orchestration tools, making it easier for organizations to streamline their IT operations.

NO.33 Your customer wants a new server for a File & Print workload.

What are the most important factors to consider? (Choose two.)

- * support level
- * power supply wattage
- * storage capacity
- * transfer rate
- * form factor

Storage capacity and transfer rate will take into consideration when come to workload.

NO.34 How does HPE GreenLake Central help organizations manage their hybrid cloud environments?

- * By providing a unified management interface
- * By automating server provisioning
- * By optimizing storage performance

HPE GreenLake Central is a platform that helps organizations manage their hybrid cloud environments.

It provides a unified management interface, allowing organizations to manage their on-premises and cloud resources from a single location. It also provides visibility into resource usage, helping organizations optimize their cloud spend.

NO.35 Is HPE ProLiant DL385 Gen10 Plus server optimized for virtualization workloads?

- * Yes
- * No

HPE ProLiant DL385 Gen10 Plus server is optimized for virtualization workloads, providing high performance and scalability for virtualized environments. It is designed to support a wide range of virtualization technologies, including VMware and Microsoft Hyper-V.

NO.36 your customer wants to purchase a new HPE MSA controller enclosure fully populated With SSD drives. They have four

existing expansion enclosures from their previous solution that they want to connect to the new controller.

Two expansion enclosures are fully populated with SFF disks, and the other two are populated with LFF drives.

which storage controller enclosure solution should you recommend?

- * HPF MSA 1060 with Advanced Data Service (ADS) suite LTLJ
- * HPE MSA 1060
- * HPF MSA 2060 with Advanced Data service (ADS) suite LTU
- * HPE MSA 2060

Explanation

HPE MSA 2060 Storage solution supports a mixture of 3.5 inch LFF and 2.5 inch SFF expansion enclosures for a maximum of 9 enclosures (10 total including the array). This means that it can accommodate the four existing expansion enclosures from the previous solution that have different disk sizes.

The HPE MSA 2060 also delivers up to 395,000 IOPS, which is up to 80% faster than its prior generation1.

This would be beneficial for a customer who wants to fully populate the controller enclosure with SSD drives, which are faster than HDD drives.

The Advanced Data service (ADS) suite LTU is a license that enables features such as snapshot, replication, performance tiering, virtual disk groups, and thin provisioning on the HPE MSA 20602. These features can enhance the performance, availability, and efficiency of the storage system.

NO.37 Your customer IS interested in me new MSA storage array and asks tor a demo of the features and monitoring capabilities.

Which tool should you use?

- * HPE Storage Management Utility (SMU)
- * HPE Data serves Cloud console (DSCC)
- * HPE StoreServ Management console (SSMC)
- * HPE InfoSight

According to HPE, SMU is a web-based interface that enables you to configure, monitor, and manage storage devices. It also provides performance monitoring and reporting for HPE MSA storage arrays. With SMU, you can demonstrate the features and monitoring capabilities of the new MSA storage array to your customer.

NO.38 A customer wants to set up a site-to-site replication using Fibre Channel to a Site that is 10 Kilometers away.

What cable must be used to achieve this?

- * Single-mode fiber optic cable
- * Flex fiber cable
- * Multimode fiber optic cable
- * Polymer optical fiber cable

This is because single-mode fiber optic cable has a small core diameter that allows only one mode of light to propagate. This reduces signal attenuation and enables longer transmission distances than multimode fiber optic cable, which has a larger core diameter that allows multiple modes of light to propagate. Single-mode fiber optic cable can support distances up to 40 kilometers for Fibre Channel applications.

NO.39 How does HPE Aruba help organizations improve their network security?

- * By providing advanced analytics and machine learning capabilities
- * By offering a range of network security solutions, including firewalls and intrusion prevention systems

* By providing cloud-based network security solutions

HPE Aruba offers a range of network security solutions, including firewalls, intrusion prevention systems, and secure access solutions. These solutions enable organizations to improve their network security by providing advanced threat detection and prevention capabilities, as well as secure access to network resources. HPE Aruba also provides advanced analytics and machine learning capabilities, making it easier for organizations to detect and respond to security threats in real-time.

NO.40 What benefit does using HPE GreenLake central provide for customers?

- * It provides aggregated usage across on-premises and cloud deployments in AWS and Microsoft Azure.
- * It provides One-Click provisioning through a pre-packaged application store with curated, prebuilt images for a wide range of applications.
- * It can run real-time assessments and offer insights about potential exposure to failures and external attacks.
- * It can analyze different workloads the customer is running and provide guidance on the best server for the workload.

This is because HPE GreenLake Central is an online portal that enables customers to manage and optimize their hybrid cloud environments. It provides a unified view of the costs, capacity, consumption and compliance of their on-premises GreenLake systems and their public cloud platforms such as AWS and Azure. It also offers insights and recommendations to help customers improve their IT performance, ROI and data protection.

NO.41 your customer has standardized on the AMD platform and asks for a new I IJ server.

Which server should you recommend?

- * DL365
- * DL360
- * DL385
- * DL560

Explanation

According to HPE, this server offers the 2nd generation AMD EPYC 7000 Series processor delivering up to

2X the performance of the prior generation . It also provides built-in security and flexibility for key applications such as virtualization, software-defined storage (SDS), and High-Performance Compute (HPC)1.

NO.42 Your customer has multiple workloads that they want to move from a Cloud service prover to an on-premises datacenter. Theylike the flexibility of their current providerbut want dedicatedhardware and the ability to scale up and down as business needschange.

Whichplatform is designedfor this customer use case?

- * HPE Superdome Flex platform
- * HPE Ezmeral Container platform
- * HPE GreenLake platform
- * HPE Apollo Systems

Explanation

HPE GreenLake is an edge-to-cloud platform that delivers cloud services to any location. The platform offers:

- * A flexible consumption model that allows customers to pay only for what they use
- * A scalable and secure infrastructure that can handle any workload
- * A cloud-like experience that simplifies operations and management

* A wide range of services for compute, storage, networking, data protection, and more By migrating to HPE GreenLake, the customer can move their workloads from a cloud service provider to an on-premises data center with dedicated hardware and the ability to scale up and down as business needs change. The customer can also benefit from the agility, performance, and innovation of the cloud services offered by HPE GreenLake.

NO.43 How does HPE Synergy enable composable infrastructure?

- * By providing a unified API for infrastructure management
- * By offering a suite of virtualization tools
- * By automating server provisioning

HPE Synergy is a composable infrastructure solution that enables organizations to provision and manage their infrastructure as code. It provides a unified API for infrastructure management, making it easier for organizations to automate and orchestrate infrastructure deployment and management.

NO.44 How does HPE SimpliVity help to reduce data center complexity?

- * By providing a unified interface for managing resources across multiple clouds
- * By implementing a software-defined networking solution
- * By using hyperconverged infrastructure to combine storage, compute, and virtualization
- * By providing a pay-per-use pricing model for cloud services

Hyperconverged infrastructure (HCI) is a technology that combines storage, compute, and virtualization into a single platform, simplifying data center operations and reducing complexity. HPE SimpliVity is an HCI solution that provides advanced data services, such as data deduplication and compression, to help organizations reduce costs and improve efficiency.

NO.45 Which of the following is a key benefit of implementing a hybrid cloud solution?

- * Increased control over data and applications
- * Reduced IT complexity and cost
- * Improved scalability and availability
- * All of the above

A hybrid cloud solution combines public and private cloud resources to create a flexible and scalable infrastructure. This can provide organizations with greater control over their data and applications, reduce IT complexity and cost by leveraging public cloud resources, and improve scalability and availability by leveraging the resources of both private and public clouds.

NO.46 You are troubleshooting a server issue and need to reference a log file for hardware and configuration changes.

When log file should you review?

- * IML – Integrated Management Log
- * ILO Event Log
- * HPE OneView Activity Log
- * AHS – Active Health system

Explanation

Active Health System (AHS) is a feature that continuously monitors and records thousands of system parameters and diagnostic telemetry data on HPE ProLiant servers. The AHS log contains information such as hardware and configuration changes, health status, boot issues, and firmware updates. The AHS log can be used for troubleshooting and analysis by HPE support or by the user.

HP HPE0-V25 certification exam is designed for individuals who want to demonstrate their skills and knowledge in designing, deploying, and managing hybrid cloud solutions using HPE products and technologies. This is a highly sought-after certification in the IT industry, as more and more organizations are adopting hybrid cloud solutions to achieve greater flexibility, scalability, and cost-effectiveness.

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