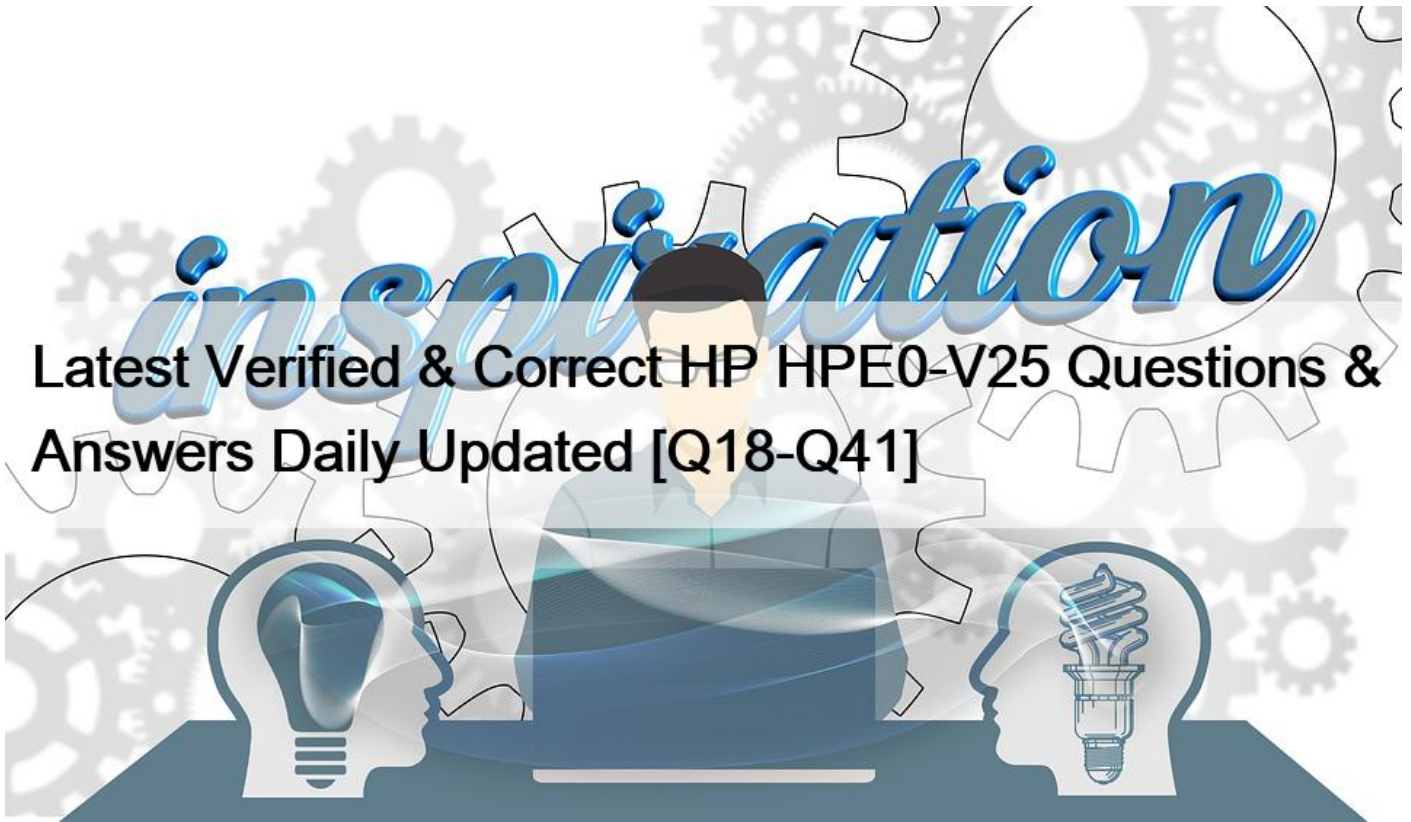


Latest Verified & Correct HP HPE0-V25 Questions & Answers Daily Updated [Q18-Q41]



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HP HPE0-V25 exam is designed to test the knowledge and skills of professionals who are interested in working with the HPE Hybrid Cloud Solutions. HPE0-V25 exam is meant to validate an individual's understanding of the concepts, features, and functionalities of the HPE Hybrid Cloud Solutions. To ensure that you pass the exam, you must have a comprehensive understanding of various cloud computing models, such as private, public, and hybrid clouds.

HPE0-V25 exam covers a wide range of topics, including HPE cloud strategy, HPE cloud solutions, HPE cloud infrastructure, HPE cloud automation, and HPE cloud management. It also covers the integration of HPE cloud solutions with other technologies and platforms, such as VMware and Microsoft Azure. Passing HPE0-V25 exam demonstrates that an individual has the expertise to design, implement, and manage hybrid cloud solutions using HPE technology.

NEW QUESTION 18

Which license is needed in an HPE SimpliVity environment where automated disaster recovery capabilities are required?

* Veeam Backup & Replication

- * VMware Site Recovery Manager
- * HPE Peer Persistence
- * HPE RapidDR

Explanation

HPE RapidDR: This license is correct, as HPE RapidDR is a disaster recovery orchestration tool that automates the failover of a pre-configured set of virtual machines from a production site to a recovery site on HPE SimpliVity. It leverages the built-in backup and replication capabilities of HPE SimpliVity and simplifies the disaster recovery process.

HPE SimpliVity is a hyperconverged infrastructure solution that combines compute, storage, networking, and data services in a single platform. It provides high performance, efficiency, and resiliency for various workloads, including edge, VDI, and general virtualization

NEW QUESTION 19

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.

NEW QUESTION 20

Your customer needs to consolidate data and add additional block-based storage to their main document management application. They have five standalone servers with 10Gb networking. Which storage technology should you recommend?

- * Network File System
- * Storage Area
- * Direct Attached
- * Network Attached Storage

Explanation

According to IBM, a SAN is a dedicated network that provides access to consolidated, block-level data storage

1. A SAN allows multiple servers to access shared pools of storage devices, such as disk arrays or tape libraries. A SAN can help your customer consolidate data and add additional block-based storage to their main document management application.

NEW QUESTION 21

Your customer requires a server that can support a database of 5TB to run in memory.

Which HPE server family should you recommend?

- * DL385 Gen10 plus v2
- * APollo 4510 Gen10 Plus V2
- * DL560 Gen10
- * DL345 Gen10 Plus

Explanation

HPE ProLiant DL560 Gen10 Server is a high-density, 4P server with high performance, scalability and reliability. It supports up to 6

TB of memory with 48 DIMM slots and up to 12 TB of memory with 96 DIMM slots when using HPE Persistent Memory2. This means that it can support a database of 5 TB to run in memory.

NEW QUESTION 22

How does HPE Intelligent Storage use AI and machine learning?

- * To optimize storage performance and capacity
- * To improve network security
- * To reduce power consumption

HPE Intelligent Storage uses AI and machine learning to optimize storage performance and capacity, helping organizations to make better use of their storage resources. It uses algorithms to analyze and predict storage usage, enabling proactive management and ensuring that applications have the storage resources they need.

NEW QUESTION 23

Which of the following is NOT a HPE hybrid cloud solution?

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

HPE OneView is a management tool designed to simplify the management of HPE infrastructure, including servers, storage, and networking. While it can be used in conjunction with HPE hybrid cloud solutions, it is not a hybrid cloud solution itself.

NEW QUESTION 24

What is a feature Of the MSA 2060 storage array?

- * Gains AI and machine learning operational through InfoSight
- * Encryption can be enabled by adding 2 self-encrypted drives through Full Disk Encryptbn
- * Supports a mixture Of both SSD and HDDs within the same system
- * Deduplication and compression are non-intrusive and in-line

Explanation

This is because the 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). You can start small and scale as needed with any combination of SSDs, Enterprise SAS or MidLine SAS HDDs12.

NEW QUESTION 25

How does HPE Primera help organizations to improve data storage performance?

- * By using flash storage technology to increase data access speed
- * By providing software-defined networking capabilities to optimize network traffic
- * By using machine learning to automate storage management
- * By providing a unified interface for managing all storage resources

HPE Primera is an enterprise-class storage solution that uses flash storage technology to deliver high performance and low latency. It provides features like autonomous operations and cloud-based analytics to help organizations optimize storage performance and simplify management.

NEW QUESTION 26

A customer with a new HPE MSA 2060Gen6array wants to ensure thatbest practices werefollowedwhen they installedandset it up.

Which HPE product will meet the customer requirements?

- * HPE SMUv4 Healthcheck
- * HPE InfoSight
- * HPE OneView Standard
- * HPEMSA Health Check Tool

Explanation

HPE MSA Health Check Tool is a web-based tool that provides a comprehensive health check of an HPE MSA 1060/2060/2062 storage array. The tool analyzes the array configuration, performance, and logs and provides a detailed report with recommendations based on HPE best practices. The tool can also generate a support ticket if any issues are detected.

The HPE MSA Health Check Tool is available for download from the HPE Support Center website¹. The tool requires an active warranty or support contract for the array.

NEW QUESTION 27

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).

NEW QUESTION 28

your customer has a small office with five employees and needs a tower server for a File & print workload.

Which server series should they use?

- * Apollo Series
- * ML series
- * Synergy Series
- * DL series

NEW QUESTION 29

What is HPE ProLiant for Microsoft Azure Stack HCI?

- * A hyperconverged infrastructure solution
- * A cloud management platform
- * A network security tool

HPE ProLiant for Microsoft Azure Stack HCI is a hyperconverged infrastructure solution that enables organizations to run virtualized workloads on-premises. It provides a highly available and resilient infrastructure, with integrated backup and disaster recovery capabilities.

NEW QUESTION 30

Which of the following is a key principle of cloud computing?

- * Static resource allocation
- * Limited scalability

- * Single-tenant architecture
- * Elasticity

Elasticity refers to the ability of a cloud computing system to dynamically allocate and de-allocate computing resources based on the changing needs of the application or workload. This allows users to quickly scale resources up or down, as needed, without having to make any significant changes to their infrastructure. Elasticity is a critical feature of cloud computing because it allows organizations to save money by only paying for the resources they need, when they need them, and avoid overprovisioning or underprovisioning their IT infrastructure.

NEW QUESTION 31

Is HPE GreenLake a consumption-based model for IT resources?

- * Yes
- * No

HPE GreenLake is a consumption-based model that allows organizations to pay for their IT resources based on actual usage. It provides a flexible and scalable approach to IT resource provisioning, enabling organizations to align their IT spending with their business needs. HPE GreenLake provides a range of services, including infrastructure-as-a-service (IaaS), platform-as-a-service (PaaS), and software-as-a-service (SaaS).

NEW QUESTION 32

Your customer has a VMware vSphere cluster that needs to be upgraded to a SimpliVity Solution. you need to collect data to recommend the correct SimpliVity Sizing.

What tool will provide this Information?

- * HPE Cloudphysics
- * HPE Storage Sizing Tool
- * HPE NinjaSTARS
- * HPEdHCISizer

Explanation

HPE Cloudphysics is a cloud-based assessment tool that helps customers plan and optimize their VMware vSphere environments. The tool can collect data from the customer's existing environment, such as configuration, performance, capacity, and utilization, and provide insights and recommendations for migrating to HPE SimpliVity. The tool can also compare the costs and benefits of different migration scenarios and generate a detailed report with a bill of materials.

NEW QUESTION 33

your customer needs to capture, store, manage, and analyze a dataset that exceeds capacity of typical database software tools.

What storage technology should you propose to meet their needs?

- * Block Storage
- * Containers
- * Big Data
- * File Storage

Explanation

According to Simplilearn, big data storage is a new technology that allows you to store large amounts of data that exceed the capacity of typical database software tools. Big data storage can handle various types of data, such as structured, unstructured, or semi-structured data, and provide fast and scalable access to it.

NEW QUESTION 34

If an organization needs to deploy a private cloud, which HPE solution would be the most appropriate?

- * HPE ProLiant
- * HPE Synergy
- * HPE SimpliVity
- * HPE Helion

HPE Synergy is a software-defined infrastructure solution that provides a single platform for managing compute, storage, and networking resources. It enables organizations to deploy and manage private clouds, providing greater flexibility and control over their IT infrastructure.

NEW QUESTION 35

Match the preconfigured HPE workload Profile With Its definition.

Profile	Definition
General power efficient compute	This is a default out-of-the-box profile that uses the most common performance settings seen across most application workloads
IO throughput	This profile setting will ensure that all available virtualization technologies are enabled and configured for maximum performance.
Graphics processing	It is intended for configurations that depend on maximum throughput between IO and memory.
Virtualization —Max Performance	This profile is intended for configurations that use GPUs and depend on maximum bandwidth between IO and memory.

Profile	Definition
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IO throughput	It is intended for configurations that depend on maximum throughput between IO and memory.
Graphics processing	This profile is intended for configurations that use GPUs and depend on maximum bandwidth between IO and memory.

Explanation

HPE workload profile is one of the HPE Intelligent System Tuning (IST) features and allows you to tune the resources in your HPE

ProLiant server by choosing a preconfigured workload profile. The server will automatically configure the BIOS settings to match the selected workload12.

According to the information I found on the web, here is how you can match the preconfigured HPE workload profile with its definition:

- * **General power efficient compute:** This is a default out-of-the-box profile that uses the most common performance settings seen across most application workloads. It also enables power management settings that have minimal impact to overall performance. This profile is recommended for customers that do not typically tune their BIOS for their workload1.
- * **IO throughput:** This profile is intended for configurations that depend on maximum throughput between IO and memory. It disables power management settings that are known to have impact on maximum achievable bandwidth. It also applies settings that benefit NUMA awareness, as best throughput is achieved when the workload is also NUMA aware and optimized1.
- * **Graphics processing:** This profile is intended for configurations that use GPUs and depend on maximum bandwidth between IO and memory. It disables power management settings that are known to have impact on maximum achievable bandwidth. It also applies settings that benefit NUMA awareness, as best throughput is achieved when the workload is also NUMA aware and optimized1.
- * **Virtualization -Max Performance:** This profile setting will ensure that all available virtualization technologies are enabled and configured for maximum performance. It disables power management settings in favor of delivering maximum performance. Certain virtualization technologies can have possible performance impacts to nonvirtualized environments and can be disabled in other profiles

NEW QUESTION 36

Which of the following HPE products can be used for cloud-native application development?

- * HPE Synergy
- * HPE SimpliVity
- * HPE OneSphere
- * HPE Moonshot

Cloud-native application development refers to the creation of applications specifically designed to run on cloud platforms. HPE Moonshot is an HPE product designed for high-density computing and can be used to create and run cloud-native applications.

NEW QUESTION 37

Is HPE Primera a hybrid storage array?

- * Yes
- * No

HPE Primera is a hybrid storage array that enables organizations to store data on-premises and in the cloud. It provides the flexibility to move data between storage tiers, optimizing performance and cost.

NEW QUESTION 38

Your customer has a large DL380Gen10andDL385 Gen10Plus server farm. They onlyhave a small staffmonitoring andmanaging these servers. You need to recommend a management service that Will allow them tofree up resources andautomatemangement.

What HPE management serviceshould they use?

- * HPEGreenLake Compute Ops Manager
- * HPECloudPhysics

- * 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.

NEW QUESTION 39

Is HPE Synergy a composable infrastructure solution?

- * Yes
- * No

HPE Synergy is a composable infrastructure solution that enables organizations to quickly and easily provision infrastructure resources on-demand through a single interface. It allows IT teams to compose resources like compute, storage, and networking into logical pools that can be allocated to workloads as needed.

NEW QUESTION 40

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.

NEW QUESTION 41

Which of the following is a key feature of HPE Synergy?

- * Software-defined networking
- * Serverless computing
- * Microservices architecture
- * Containerization

Software-defined networking (SDN) is a networking approach that enables the management and configuration of network devices through software. HPE Synergy features SDN as a key feature, which allows for greater flexibility and automation in managing network resources.

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