Exam Questions HPE0-V25

HPE Hybrid Cloud Solutions

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NEW QUESTION 1
What value does deploying workloads on HPE GreenLake provide? (Select two.)

A. Pay for resources consumed
B. Foundation Care support
C. Capacity on demand licensing model
D. capacity ahead Of demand
E. Single-pane management interface with OneView for storage and server management

Answer: AD

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.

NEW QUESTION 2
your customer wants to purchase a new HPE MSA controller enclosure fully populated With SSD fives. 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?

A. HPF MSA 1060 with Advanced Data Service (ADS) suite LTLJ
B. HPE MSA 1060
C. HPF MSA 2060 with Advanced Data service (ADS) suite LTU
D. HPE MSA 2060

Answer: C

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.

NEW QUESTION 3
What does an SSD wear Gauge define?

A. Remaining lifetime for the SSD drive
B. Type of technology used within the SSD drive
C. Type of interface used for the SSD drive
D. Maximum speed of the SSD drive

Answer: A

Explanation:
According to HPE, SmartSSD Wear Gauge is a feature that provides an estimate of the remaining useful life of an SSD drive based on its usage patterns1. It can help you monitor the health and performance of your SSD drives and plan for replacement or upgrade when needed1.

NEW QUESTION 4
You need a tool on a SAN Fabric that Will deliver protocol diagnostic, fabric configuration validation With SPOCK, and assess the
health of physical ports with self-healing and fabric monitoring.
It must perform end-to-end diagnostics while using predefined templates to reduce configuration errors. Which diagnostic tool should be used?

A. HPE InfoSight
B. On-Line Diagnostics
C. Off-Line Diagnostics
D. Network Orchestrator

Answer: A

Explanation:
According to the HPE website, HPE InfoSight is a cloud-based AI platform that delivers global visibility and insights into the health, performance, and capacity of your HPE storage and servers. It can also provide protocol diagnostics, configuration validation with SPOCK, and assess the health of physical ports with self-healing and fabric monitoring1. It can also perform end-to-end diagnostics while using predefined templates to reduce configuration errors1

NEW QUESTION 5
Match each HPE product With the 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.

A. Mastered
B. Not Mastered

Answer: A

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.

NEW QUESTION 6
Match the correct scaling approach to each strategy

Scale-out

Scale-up

Answer Area

	Add more servers to do the workload
	Add more resources (such as processors and memory) to existing servers
	Add an additional two-socket system to an existing VMware cluster
	Add two additional processors to a four-socket system currently equipped with only two processors

A. Mastered
B. Not Mastered

Answer: A

Explanation:

➤ Scale-out: Add more servers to do the workload

➤ Scale-up: Add more resources (such as processors and memory) to existing servers

➤ Scale-out: Add an additional two-socket system to an existing VMware Cluster

➤ Scale-up: Add two additional processors to a four-socket system currently equipped with only two processors
This is because:

> Scale-out: This is a scaling approach that involves adding more servers or nodes to a system to increase its capacity and performance. It is also known as horizontal scaling. It can help distribute the workload across multiple servers and improve availability and fault tolerance.

> Scale-up: This is a scaling approach that involves adding more resources (such as processors, memory, storage or network) to an existing server or node to increase its capacity and performance. It is also known as vertical scaling. It can help improve the performance of a single server and reduce the complexity of managing multiple servers.

NEW QUESTION 7
Your customer has a VMware vSphere cluster that needs to be upgraded to a SimpliVity Solution. you need to collectdata torecommend the correct SimpliVity Sizing.
What tool will provide this Information?

A. HPE Cloudphysics
B. HPE Storage Sizing Tool
C. HPE NinjaSTARS
D. HPEdHCISizer

Answer: A

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 8
you want to quickly 100k up the list price of an HPEhardware component. Which pre-saves toolhas a QuickQuotefunction?

A. HPE smart CID
B. HPE CloudPhysics
C. HPE seismic
D. HPE ProductBlletin

Answer: D

Explanation:
This tool has a Quick Quote function that allows you to quickly look up the list price of an HPE hardware component by entering the product number or selecting from a list of products. You can also add multiple products to a quote and export it to a file or email it to yourself or others.

NEW QUESTION 9
your customer wants to update the firmware tor multiple HPE proLiant MicroServer Gen10 Plus servers. Which tool must be used?

A. HPE Composer
B. HPE Data Services Cloud console
C. HPE ILO 5
D. HPE GreenLake central

Answer: C

Explanation:
According to HPE, iLO 5 is a remote management solution that enables you to configure, monitor, and update your HPE servers seamlessly from anywhere in the world1. It also provides firmware update capabilities for
HPE ProLiant MicroServer Gen10 Plus servers2. With iLO 5, you can demonstrate how to update the firmware for multiple servers easily and securely.

NEW QUESTION 10
Your customer has multiple, remote sales offices with one HPE ProL1ant server deployed per Site to run local IT services. They want to centralize the monitoring ana lifecycle management of these servers using a cloud-based offering.
Which tool would demonstrate this functionality?

A. HPE CloudPhysics
B. HPE GreenLake Compute Ops Management
C. HPE GreenLake Data Services Cloud Console
D. HPE InoSight

Answer: D

Explanation:
According to HPE, HPE InfoSight is a cloud-based AI platform that delivers global visibility and insights into the health, performance, and capacity of your HPE storage and servers. It can also centralize the monitoring and lifecycle management of multiple HPE ProLiant servers deployed in remote sites using a single dashboard 1. With HPE InfoSight, you can demonstrate how to simplify and optimize your customer's IT operations from edge to cloud.

NEW QUESTION 10
A customer needs an open-source container orchestration system that supports cloud-native applications area provides support for containers with persistent storage at the same time.
Which platform should you recommend?

A. Kubernetes
B. openstack Neutron

C. Hadoop
D. Hortonworks Data Platform

Answer: A

Explanation:
Kubernetes is an open-source system for automating deployment, scaling, and management of containerized applications. It groups containers that make up an application into logical units for easy management and discovery. Kubernetes supports cloud-native applications that are designed to run on distributed and dynamic environments.
Kubernetes also supports containers with persistent storage by providing various options such as:

> Persistent Volumes: These are abstracted storage resources that can be provisioned by administrators and consumed by users without worrying about the underlying storage implementation.

> Persistent Volume Claims: These are requests for storage by users that can be dynamically or statically bound to Persistent Volumes.

> Storage Classes: These are ways to describe different kinds of storage offered by a cluster, such as SSD or HDD, performance or capacity, etc.

> Volume Snapshots: These are point-in-time copies of Persistent Volumes that can be used for backup or restoration purposes.

> Container Storage Interface: This is a standard interface that allows Kubernetes to communicate with various storage vendors and plugins.

NEW QUESTION 15
Which licenseisneeded in an HPESimpliVity environment where automata disaster recovery capabilities are required?

A. Veeam Backup & Replication
B. VMware Site Recovery Manager
C. HPE Peer Persistence
D. HPE RapidDR

Answer: D

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 virtualization1.

NEW QUESTION 18
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