



HP

Exam Questions HPE0-V25

HPE Hybrid Cloud Solutions

NEW QUESTION 1

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?

- A. Apollo Series
- B. ML series
- C. Synergy Series
- D. DL series

Answer: B

NEW QUESTION 2

Your customer is interested in the new MSA storage array and asks for a demo of the features and monitoring capabilities. Which tool should you use?

- A. HPE Storage Management Utility (SMU)
- B. HPE Data Services Cloud console (DSCC)
- C. HPE StoreServ Management console (SSMC)
- D. HPE InfoSight

Answer: A

Explanation:

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.

NEW QUESTION 3

Your customer has multiple workloads that they want to move from a Cloud service provider to an on-premises datacenter. They like the flexibility of their current provider but want dedicated hardware and the ability to scale up and down as business needs change. Which platform is designed for this customer use case?

- A. HPE Superdome Flex platform
- B. HPE Ezmeral Container platform
- C. HPE GreenLake platform
- D. HPE Apollo Systems

Answer: C

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.

NEW QUESTION 4

You are considering requirements for a database server. What is the most important component to employ?

- A. File and Print software
- B. GPU accelerators
- C. Antivirus Software
- D. Fault-tolerant memory

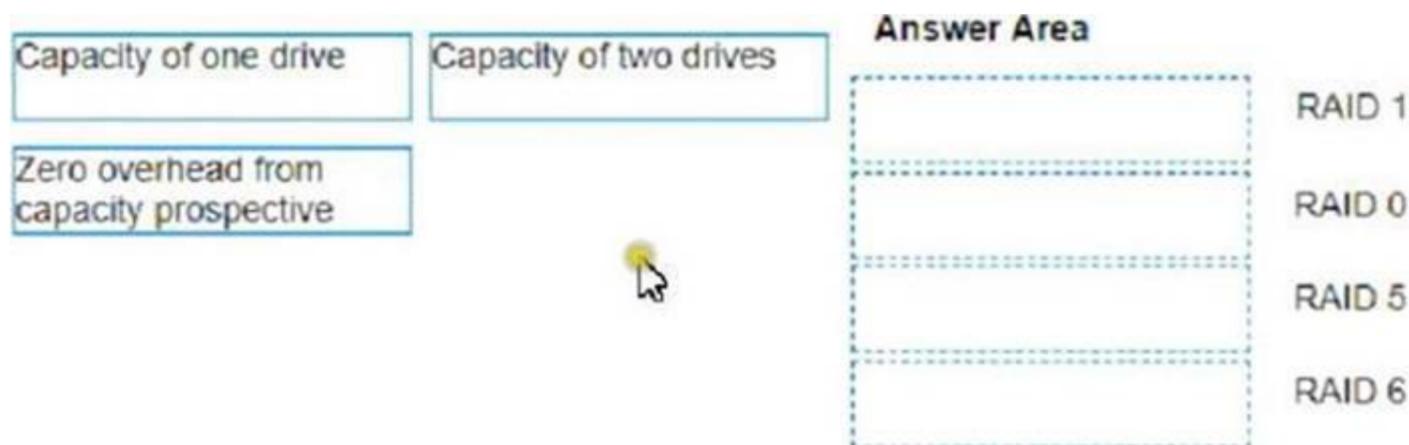
Answer: D

Explanation:

According to Database Design Resource, fault-tolerant memory is a type of memory that can detect and correct errors without affecting the performance or availability of the database server. Fault-tolerant memory can help prevent data corruption and loss, which are critical issues for database servers.

NEW QUESTION 5

Match the RAID level with its capacity overhead. (Each option may be used once, more than once, or not at all.)



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- > RAID 0: This level has zero overhead from capacity perspective, as it uses all the available disk space for data storage without any redundancy or parity. However, it also has no fault tolerance and if one disk fails, all data is lost¹².
- > RAID 1: This level has capacity of one drive as overhead, as it uses disk mirroring to create an exact copy of data on two or more disks. This provides high reliability and fault tolerance, but reduces the usable disk space by half¹².
- > RAID 5: This level has capacity of one drive as overhead, as it uses disk striping with parity to distribute data and parity blocks across three or more disks. This provides a balance between performance and reliability, as it can tolerate one disk failure without losing data¹².
- > RAID 6: This level has capacity of two drives as overhead, as it uses disk striping with double parity to distribute data and two parity blocks across four or more disks. This provides higher reliability and fault tolerance than RAID 5, as it can tolerate two disk failures without losing data¹².

NEW QUESTION 6

you need to explain how the HPE GreenLake platform can help your customers business become more agile. What information you provide? (Select two)

- A. customers can control costs Since advanced metering allows them to only pay for what is used.
- B. The HPE GreenLake platform is always managed by HPE, reducing the need for internal IT staff.
- C. HPE actively monitors, manages, and deploys capacity ahead of demand so the customer can scale With ease within an installed buffer
- D. HPE GreenLake provides infinite scale to the customer at no additional cost with its scale up policy.
- E. HPE GreenLake provides a larger hardware portfolio than traditional HPE hardware solutions

Answer: AC

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:

- > Customers can control costs since advanced metering allows them to only pay for what is used: 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.
- > HPE actively monitors, manages, and deploys capacity ahead of demand so the customer can scale with ease within an installed buffer: 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 7

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?

- A. Network File System
- B. Storage Area
- C. Direct Attached
- D. Network Attached Storage

Answer: B

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 libraries¹. A SAN can help your customer consolidate data and add additional block-based storage to their main document management application.

NEW QUESTION 8

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

NAS	Answer Area <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Block access using a FC protocol.
SAN		Block access using FCoE protocol.
		Sharing files over industry standard protocols such as NFSv4 or SMB.
		Block access using the iSCSI protocol.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

> NAS: c) Sharing files over industry standard protocols such as NFSv4 or SMB.

> SAN: a) Block access using a FC protocol. or b) Block access using FCoE protocol or d) Block access using the iSCSI protocol.

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.

NEW QUESTION 9

Your customer needs a server a maximum Of two processors thatwill providehighperformance, manageability, expansion,and security. Which server should you recommend?

- A. DL560
- B. DL380
- C. DL110
- D. DL20

Answer: B

Explanation:

HPE ProLiant DL380 Gen10 server is a versatile 2U rack server that delivers world-class performance and security for a wide range of workloads. The server supports up to two Intel Xeon Scalable processors with up to 28 cores per processor and up to 3 TB of memory. The server also offers a range of management, expansion, and security features, such as:

- > HPE iLO 5 software for remote management and monitoring
- > HPE Smart Array controllers for RAID configuration and data protection
- > HPE SmartMemory for enhanced performance and reliability
- > HPE Flexible Slot power supplies for efficiency and redundancy
- > HPE FlexibleLOM adapters for network connectivity options
- > HPE Persistent Memory for fast data access and analytics
- > HPE Secure Boot and Secure Start for firmware validation and protection

NEW QUESTION 10

Match the RAID level to the number of drive failures an array can handle without losing data. (Each option may be used once, more than once, or not at all.)

any single drive	any two drives	Answer Area <input type="text"/> RAID 1 <input type="text"/> RAID 1 ADM <input type="text"/> RAID 5 <input type="text"/> RAID 6

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- > RAID 1: any single drive
- > RAID 1 ADM: any two drives

- RAID 5: any single drive
- RAID 6: any two drives
- RAID 1: This is a level of RAID that uses mirroring to create an exact copy of data on two or more disks. It can tolerate the failure of any single drive without losing data, as long as the other drive is still functional.
- RAID 1 ADM: This is a level of RAID that uses advanced data mirroring to create two copies of data on three disks. It can tolerate the failure of any two drives without losing data, as long as the third drive is still functional.
- RAID 5: This is a level of RAID that uses striping with parity to distribute data and parity information across three or more disks. It can tolerate the failure of any single drive without losing data, as long as the other drives can reconstruct the data from the parity information.
- RAID 6: This is a level of RAID that uses striping with double parity to distribute data and two sets of parity information across four or more disks. It can tolerate the failure of any two drives without losing data, as long as the other drives can reconstruct the data from the double parity information.

NEW QUESTION 10

A customer wants to set up a site-to-site replication using FibreChannel to a Site that is 10 Kilometers away. What cable must be used to achieve this?

- A. Single-mode fiber optic cable
- B. Flex fiber cable
- C. Multimode fiber optic cable
- D. Polymer optical fiber cable

Answer: A

Explanation:

- https://en.wikipedia.org/wiki/Fibre_Channel
 - https://fibrenchannel.org/wp-content/uploads/2016/04/Fibre_Channel_Connectivity_White_Paper_04-06-1
- 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.

NEW QUESTION 11

When designing new server environments, you need to determine the maximum equipment wattage and thermal requirements at the unit (chassis) and rack level. Which HPE tool should be used?

- A. HPE Infocenter
- B. HPE Smart Storage Administrator
- C. HPE Power Advisor
- D. HPE OneView

Answer: C

Explanation:

This is a tool that helps you estimate power consumption and thermal output for HPE servers, storage, and networking products. You can use it to design new server environments or validate existing ones by selecting the products and configurations you want and generating a detailed report that shows the power and cooling requirements at the unit and rack level.

NEW QUESTION 12

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- The DL20 Gen10 Plus is a flexible and affordable 15" deep server supporting the latest Intel XEON E processors.
- The DL180 Gen10 is a secure and cost effective 1P 2U server delivering flexible storage capacity, delivering a high core count, and a large memory footprint.
- The DL345 is a high-density, four-socket server with high performance, scalability and reliability, all in a 2U chassis for business-critical computing performance.
- The DL560 is a secure 2P 2U server delivering world-class compelling performance with the right balance of expandability and scalability.

NEW QUESTION 17

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.

- A. Mastered
- B. Not Mastered

Answer: A

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 19

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 21

Match the correct scaling approach to each strategy

Scale-out			Add more servers to do the workload
Scale-up			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 26

Your customer has run out of storage on their Virtual environment. How does migrating to HPE GreenLake help this customer?

- A. by implementing a reserve level to ensure there is always storage available
- B. by enabling the customer to use an installed buffer and only pay for what they use
- C. by automatically ordering more storage when capacity levels reach 90%
- D. by allowing the customer to over-provision their storage

Answer: B

Explanation:

HPE GreenLake for storage is a storage-as-a-service solution that provides a cloud-like experience for on-premises storage. The solution offers:

- > Workload-optimized data services for file, block, backup, and disaster recovery
- > A cloud-based management console for simplified operations and provisioning
- > A consumption-based model that aligns costs with usage
- > A buffer capacity that is installed but not activated until needed
- > A pay-per-use billing that only charges for the capacity used above the reserve level

By migrating to HPE GreenLake for storage, the customer can avoid running out of storage on their virtual environment by using the buffer capacity as needed and only paying for what they use. The customer can also benefit from the flexibility, scalability, and performance of the storage services offered by HPE GreenLake.

NEW QUESTION 30

Your customer asks you to explain the benefits that the HPE GreenLake consumption model can provide. Match the GreenLake benefits to their outcomes.

Benefit	Outcome
Managed by HPE and HPE Partners	Provides customers with a simple point-and-click automated provisioning
Pay-per-use	Provides financial flexibility for customers, frees up capital, and provides better control costs
Scale up and down	Manages capacity ahead of demand and allows customers to easily add resources when they are needed
Self-service	Allows customer IT employees to be more productive within an organization

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- > Managed by HPE and HPE Partners: Allows customer IT employees to be more productive within an organization
- > Pay-per-use: Provides financial flexibility for customers, frees up capital, and provides better control costs
- > Scale up and down: Manages capacity ahead of demand and allows customers to easily add resources when they are needed
- > Self-service: Provides customers with a simple point-and-click automated provisioning
- > https://www.hpe.com/psnow/doc/a00029675enw?jumpid=in_lit-psnow-red
- > <https://www.techtarget.com/searchdatacenter/feature/What-is-HPE-GreenLake-and-how-does-it-work>
- > <https://www.turn-keytechnologies.com/blog/article/how-hpe-greenlakes-consumption-model-is-transform>

NEW QUESTION 31

You connect to the compute ops Management (COM) through the Green lake Cloud Platform dashboard. The server you want to manage is missing. Click where you can add the server so it appears in the CoM.

Featured Applications

The screenshot displays the HPE GreenLake dashboard interface. On the left, under 'Featured Applications', there are four main tiles: 'Aruba Central' (Network management system), 'Data Services Cloud Console' (Data Services Cloud Console), 'Compute Ops Management' (Securely manage your compute infrastructure), and 'HPE GreenLake Central' (Manage your cloud services and view usage, cost, and more). Each tile has a 'Launch' button. Below these are 'HPE InfoSight' (AI-driven intelligence across servers, storage, virtual machines and more) and 'HPE GreenLake Developer Portal' (Integrate apps and services), both with 'Launch' buttons. On the right, the 'Recommended for You' section features a large orange graphic and a card for 'HPE GreenLake for Aruba networking' (In-depth intelligence and insights on your network-as-a-service consumption) with a 'Learn More' button. At the bottom left, the 'Quick Actions' section includes 'Invite Users' (Send a sign-up link to users so you can collaborate with your team) with a 'Send an Invite' button, and 'Assign User Access' (Assign a custom role or built-in roles to your team) with an 'Assign Roles' button. At the bottom right, there is a 'Get the latest news about HPE GreenLake' section with a 'Subscribe Now' button.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Featured Applications

Aruba Central
 Network management system designed to simplify the deployment and maintenance of Aruba wired and wireless infrastructure at scale.
[Get Started](#)
[View Networking Products](#)

Data Services Cloud Console
 Data Services Cloud Console.
[Launch](#)
[View Storage Products](#)

Compute Ops Management
 Securely manage your compute infrastructure, wherever it lives.
[Launch](#)
[View Compute Products](#)

HPE GreenLake Central
 Manage your cloud services and view usage, cost, and more.
[Launch](#)
[View Cloud Products](#)

HPE InfoSight
 AI-driven intelligence across servers, storage, virtual machines and more.
[Launch](#)

HPE GreenLake Developer Portal
 Integrate apps and services.
[Launch](#)

Recommended for You

HPE GreenLake for
Aruba networking
 In-depth intelligence and insights on your network-as-a-service consumption.
[Learn More](#)

Quick Actions

Invite Users
 Send a sign-up link to users so you can collaborate with your team.
[Send an Invite](#)

Assign User Access
 Assign a custom role or built-in roles to your team.
[Assign Roles](#)

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 Get weekly news on releases, updates, and more as we make HPE GreenLake the go-to edge-to-cloud platform.
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NEW QUESTION 34

you are preparing a proposal to refresh your customers existing OL380 GE and G7 servers With newer generations. Before making a decision, your customer needs to know if a refresh is worth the cost. Which option show the value of the purchase to your customer?

- A. Solution sales Enablement Tool
- B. selective Storage presentation
- C. TCO/ROI Calculator
- D. Smart CID

Answer: C

Explanation:

According to HPE, the TCO/ROI Calculator is a tool that helps you compare the total cost of ownership (TCO) and return on investment (ROI) of different server solutions¹. It can help you demonstrate how a server refresh can reduce costs, improve performance, and increase efficiency for your customer.

NEW QUESTION 38

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 ProductBiletin

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 43

your customer is looking for a reference architecture from HPE. Which tool can translate their requirements a validated configuration?

- A. one config Advanced (OCA)
- B. solution sales Enablement TOOI (SSET)
- C. One Config Simple (OCS)
- D. HPE storage STaTS TOOI

Answer: B

Explanation:

Solution Sales Enablement Tool (SSET) is a tool that helps you design and validate HPE solutions based on reference architectures. The SSET can translate customer requirements into a validated configuration that meets their needs and budget. The SSET can also generate a bill of materials, a quote, and a proposal for the solution.

NEW QUESTION 46

What is a feature Of the MSA 2060 storage array?

- A. Gains AI and machine learning operational through InfoSight

- B. Encryption can be enabled by adding 2 self-encrypted drives through Full Disk Encryptbn
- C. Supports a mixture Of both SSD and HDDs within the same system
- D. Deduplication and compression are non-intrusive and in-line

Answer: C

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 49

Match the HPE storage products to their use case.

Product	Use Case
HPE MSA2062	Provides storage for two HPE ProLiant DL380 Gen10 servers in a branch office
HPE SimpliVity	Secures backup data with an air-gap separation
HPE StoreEver LTO-9 Ultrium 45000 External Tape Drive	Enterprise HCI with integrated compute, storage, and data protection
HPE StoreOnce 3660	Provides a disk-based backup functionality with efficient deduplication

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

HPE MSA2062 -> Provides storage for two HPE ProLiant DL380 Gen10 servers in a branch office¹
 HPE SimpliVity -> Enterprise HCI with integrated compute storage and data protection²
 HPE StoreEver LTO 9 Ultrium 45000 External Tape Drive -> Secures backup data with an air-gap separation³
 HPE StoreOnce 3660 -> Provides a disk-based backup functionality with efficient deduplication

NEW QUESTION 51

Your customer has multiple, remote sales offices with one HPE ProLiant server deployed per Site to run local IT services. They want to centralize the monitoring and 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 52

A customer wants to create a 3TB boot partition on their HPE ProLiant DL360 Gen10 Plus server. What setting must be enabled to allow this configuration?

- A. Secure Boot
- B. unlimited Extensible Firmware Interface (UEFI) Boot Mode
- C. Legacy BIOS Boot Mode
- D. Virtualization-Maximum performance

Answer: B

Explanation:

setting that must be enabled to allow a 3TB boot partition on their HPE ProLiant DL360 Gen10 Plus server is B. Unified Extensible Firmware Interface (UEFI) Boot Mode. This is because UEFI Boot Mode supports booting from disks larger than 2.2 TB by using the GUID Partition Table (GPT) format. GPT allows for partitions of up to 9.4 ZB (9.4 x 10²¹ bytes) in size.¹²

NEW QUESTION 57

A customer needs an open-source container orchestration system that supports cloud-native applications and 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 58

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?

- A. Block Storage
- B. Containers
- C. Big Data
- D. File Storage

Answer: C

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 tools¹. Big data storage can handle various types of data, such as structured, unstructured, or semi-structured data, and provide fast and scalable access to it¹.

NEW QUESTION 61

Over the next two years, your customer Plans to expand from 25 to 75 employees. They currently have limited space in the server rack and will need to purchase additional servers as the business grows. Which server type Should you recommend?

- A. Synergy12000
- B. ML 350
- C. DL360
- D. Apollo 4200

Answer: C

Explanation:

This is because the HPE ProLiant DL360 Gen10 server is a rack server that delivers security, agility and flexibility without compromise. It supports the Intel Xeon Scalable processor with up to a 60% performance gain and 27% increase in cores, along with 2933MT/s HPE DDR4 SmartMemory supporting up to 3.0 TB with an increase in performance of up to 82%.¹

NEW QUESTION 62

It also has a small footprint and can fit in a limited space.

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?

- A. OneView
- B. CloudPhysics
- C. GreenLake QuiCk Quote
- D. InfoSight

Answer: B

Explanation:

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 network². GreenLake Quick Quote is a tool for creating quotes for HPE GreenLake services³. InfoSight is a tool for monitoring and managing HPE storage systems.

NEW QUESTION 63

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