



HP

Exam Questions HPE0-V25

HPE Hybrid Cloud Solutions

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NEW QUESTION 1

your customer has a small once 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 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?

- A. HPESuperdome 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 3

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 tor what is used.
- B. The HPE GreenLake platform is always managed by HPE, reducing the need for internal IT staff.
- C. HPE active-ty 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. HPF GreenLake provides a larger hardware portf01i0 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 4

Your customer needs to consolidate data and add additional block-based storage to their man document management application. They nave 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 5

What benefitdoes using HPE GreenLake central providefor customers?

- A. It provides aggregated usage across on-premises and cloud deployments in AWS and Microsoft Azure.
- B. It provides One-Click provisioning through a pre-packaged application store with curated, prebuilt images for a wide range of applications.
- C. It can run real-time assessments andoffer insights about potential exposure tofailures and external attacks.

D. It can analyze different workloadsthe customer is running and provide guidance on the best serverfor the workload.

Answer: A

Explanation:

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.123

NEW QUESTION 6

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 7

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 8

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

- A. HPE Infosight
- B. HPE Smart Storage Administrator
- C. HPE Power Advisor
- D. HPEOneView

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 9

your customer is using HPE Infosight in their environment containing ProLiant and MSA systems.

which product supports automatic case creation through InfoSight?

- A. ProLiant DL120 G7
- B. MSA 2062
- C. MSA2040

D. proLiant DL560 Gen10

Answer: D

Explanation:

According to the HPE website, HPE InfoSight supports automatic case creation for HPE ProLiant servers that are connected to HPE InfoSight through HPE Integrated Lights-Out (iLO) Amplifier Pack1. The ProLiant DL560 Gen10 is one of the supported servers that can benefit from this feature1.

NEW QUESTION 10

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 10

Match the correct scaling approach to each strategy

	Answer Area	
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 12

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?

- A. HPE GreenLake Compute Ops Manager
- B. HPE CloudPhysics
- C. iLO5 Lifecycle Management
- D. HPE InfoSight

Answer: A

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 16

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 18

Your customer wants a new server for a File & print workload. What are the most important factors to consider? (Select two.)

- A. support level
- B. power supply wattage
- C. storage capacity
- D. transfer rate
- E. form factor

Answer: CE

Explanation:

This is because a file and print workload requires a server that can store and share large amounts of data with multiple users and devices. Therefore, the server should have enough storage capacity to meet the current and future data needs of the customer. The form factor of the server also matters because it determines how much space the server occupies and how easy it is to install and maintain. Depending on the customer's preferences and constraints, they may choose a tower, rack or blade server.

NEW QUESTION 23

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

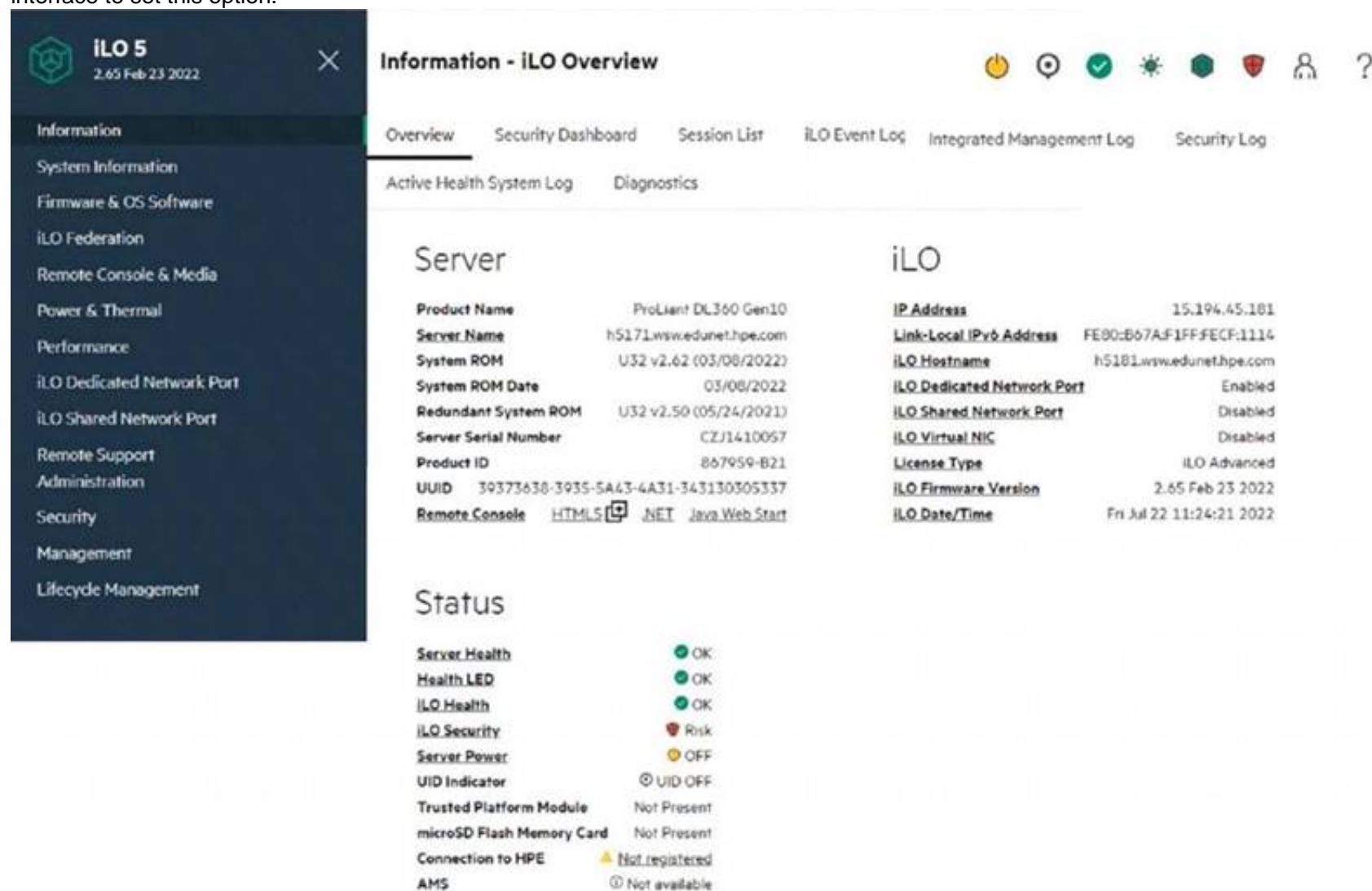
Answer: A

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 26

Your customer wants to receive emails When a hardware event occurs on their HPE proLiant Gen10 server. Click where you can find the iLO management interface to set this option.



- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

To set the email notification option, you need to go to the “Administration” tab and select the “Management” option. Then you need to enter the email address and SMTP server information in the “AlertMail” section and enable the “AlertMail” feature. You can also specify which events you want to receive emails for by selecting the appropriate severity level.

NEW QUESTION 27

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 31

your customer wants to update the firmware for 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 36

Review the Exhibit:



Match the definition to each colored boxed acronym from the image.

Answer Area	
Box	Definition
<div>"P"</div>	<div>Class of Raid Controller</div>
<div>"4"</div>	<div>Controller Type (form factor)</div>
<div>"16"</div>	<div>Number of SAS lanes</div>
<div>"ie"</div>	<div>Port Type</div>
<div>"m"</div>	<div>Smart Array Series</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

p: Class of Raid Controller 4: Number of SAS lanes 16: Smart Array Series

ie: Port Type

m: Controller Type (form factor)

HPE Smart Array P416ie-m SR Gen10 Controller is a flexible Smart Array controller that provides enterprise-class storage performance, increased internal scalability with SAS Expander Card, and data protection for HPE Synergy Compute Modules. The controller has these features:

- > p: The P stands for Performance class, which indicates that the controller has high performance and reliability for demanding workloads.
- > 4: The 4 indicates that the controller has four SAS lanes per port, which means that it can support up to four SAS devices per port.
- > 16: The 16 indicates that the controller belongs to the 16th generation of Smart Array controllers, which offer enhanced security, performance, and manageability.
- > ie: The ie stands for internal/external, which means that the controller has both internal and external ports. The internal ports connect to the drives inside the compute module, while the external ports connect to the SAS Expander Card or external storage devices.
- > m: The m stands for mezzanine, which means that the controller is a mezzanine card that plugs into a dedicated slot on the compute module.

NEW QUESTION 38

A customerwants to create a 3TBboot partition on their HPE Pt0Ljant DL360 Gen10Plus server. What setting must De enabled to allow this configuration?

- A. Secure Boot
- B. unlimitedExtensible Firmware Interface (UEFI) Boot Mode
- C. Legacy BIOS Boot Mode
- D. Virtuaulization-Maxjmun 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 41

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 45

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 46

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