



HP

Exam Questions HPE0-V25

HPE Hybrid Cloud Solutions

NEW QUESTION 1

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?

- A. HPE Storage Management Utility (SMU)
- B. HPE Data serves 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 array1s. With SMU, you can demonstrate the features and monitoring capabilities of the new MSA storage array to your customer.

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

Match each HPE tool with its business value.

Tool	Business Value
HPE Product Bulletin	Accurately size and efficiently deliver world-class solutions on HPE GreenLake Lighthouse, which powers HPE GreenLake Cloud Services and HPE Infrastructure.
HPE CloudPhysics	Aides with the purchase, sale, and support of HPE solutions by providing technical overviews and specifications.
Solution Sales Enablement Tool	Provides curated information about HPE strategy and solutions as well as sales, marketing, and technical information aligned to specific solutions.
HPE Seismic	Provides data-driven insights to improve IT performance, ROI, and data protection through analysis of IT metadata.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- HPE Product Bulletin:Aides with the purchase, sale, and support of HPE solutions by providing technical overviews and specifications.
- HPE CloudPhysics:Provides data-driven insights to improve IT performance, ROI, and data protection through analysis of IT metadata.
- Solution Sales Enablement Tool:Provides curated information about HPE strategy and solutions as well as sales, marketing, and technical information aligned to specific solutions.
- HPE Seismic:Accurately size and efficiently deliver world-class solutions on HPE GreenLake Lighthouse, which powers HPE GreenLake Cloud services and HPE infrastructure.
- HPE CloudPhysics:<https://www.hpe.com/us/en/storage/cloudphysics.html>
- Solution Sales Enablement Tool:<https://sset.ext.hpe.com/>
- HPE Seismic:<https://www.hpe.com/us/en/newsroom/blog-post/2021/02/hpe-reimagines-customer-and-partner-e>

NEW QUESTION 4

It can satisfy the customer requirements of having two processors and scaling to four inside
Which new feature is provided by the Storage Management utility v4?

- A. autonomic
- B. automatic file classification
- C. automatic installation of new recommended firmware versions
- D. easy switching of active firmware versions

Answer: D

Explanation:

one of the topics covered in the module 4 of the Implementing HPE MSA Storage Solutions course is “Explain the firmware update process on MSA”. This suggests that the firmware update is a maintenance task that can be performed with the Storage Management utility v4.

NEW QUESTION 5

Your customer needs to accelerate the performance Of theirDL380 Gen10 servers running workloads on more active cores athigher Clockfrequencies. The customer wants to know if Core Boosting willhelp.
What advice Should you provide?

- A. It is only supportedon ProLiantDL Gen11servers.
- B. It is a software solution andhas performance limitations.
- C. It is only supported on certain Intel processors.
- D. It is an AMD technology so it is unavailable to them

Answer: C

Explanation:

Core Boosting technology uses a relaxed and optimized turbo profile that adapts the processor to specific use cases, configurations, and environments. Core Boosting processors take advantage of extra server power and thermal headroom provided by an innovative HPE voltage regulator design and by cooling technologies. Consequently, systems that have Core Boosting processors can alleviate common setbacks and maximize processor computing power. However, Core Boosting option is only supported in ProLiant Gen10 servers with certain Intel processors1.
The HPE ProLiant DL380 Gen10 server data she2et lists the supported processors for Core Boosting as:

- > Intel Xeon Gold 6148 Processor (20 core, 2.4 GHz, 27.5 MB L3 cache)
- > Intel Xeon Gold 6154 Processor (18 core, 3.0 GHz, 24.75 MB L3 cache)
- > Intel Xeon Gold 6152 Processor (22 core, 2.1 GHz, 30.25 MB L3 cache)
- > Intel Xeon Platinum 8168 Processor (24 core, 2.7 GHz, 33 MB L3 cache)

Therefore, if your customer’s DL380 Gen10 servers are running workloads on more active cores at higher clock frequencies, they can benefit from Core Boosting technology if they have one of these supported Intel processors.

NEW QUESTION 6

your customer requires a server that can support a database Of 5TB to run in memory. Which HPE server family should you recommend?

- A. DL385 Gen10 plus v2
- B. APollo 4510 Gen10 Plus V2
- C. DL560 Gen10
- D. DL345 Gen10 Plus

Answer: C

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 7

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 8

An HPE ProLiant DL380 Gen10 Plus server had a power supply issue, and it failed to alert the customer and create a case with HPE support. What additional step is required to activate this feature?

- A. Add the server to the existing iLO 5 Federation
- B. Apply the iLO 5 Advanced License
- C. Connect the server to an HPE Remote Support Host Server
- D. Enable the Remote Console within iLO 5

Answer: C

Explanation:

This is because HPE Remote Support is a service that provides proactive and reactive support for HPE servers, storage, and networking products. It enables automatic fault detection and diagnosis, remote troubleshooting, and case creation and management. To use this service, the server must be connected to an HPE Remote Support Host Server, which is a server that runs the HPE Remote Support software and communicates with the HPE Support Center

NEW QUESTION 9

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 10

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 10

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?

- 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 13

A customer with a new HPE MSA 2060 Gen6 array wants to ensure that best practices were followed when they installed and set it up. Which HPE product will meet the customer requirements?

- A. HPE SMUv4 Healthcheck
- B. HPE InfoSight
- C. HPE OneView Standard
- D. HPE MSA Health Check Tool

Answer: D

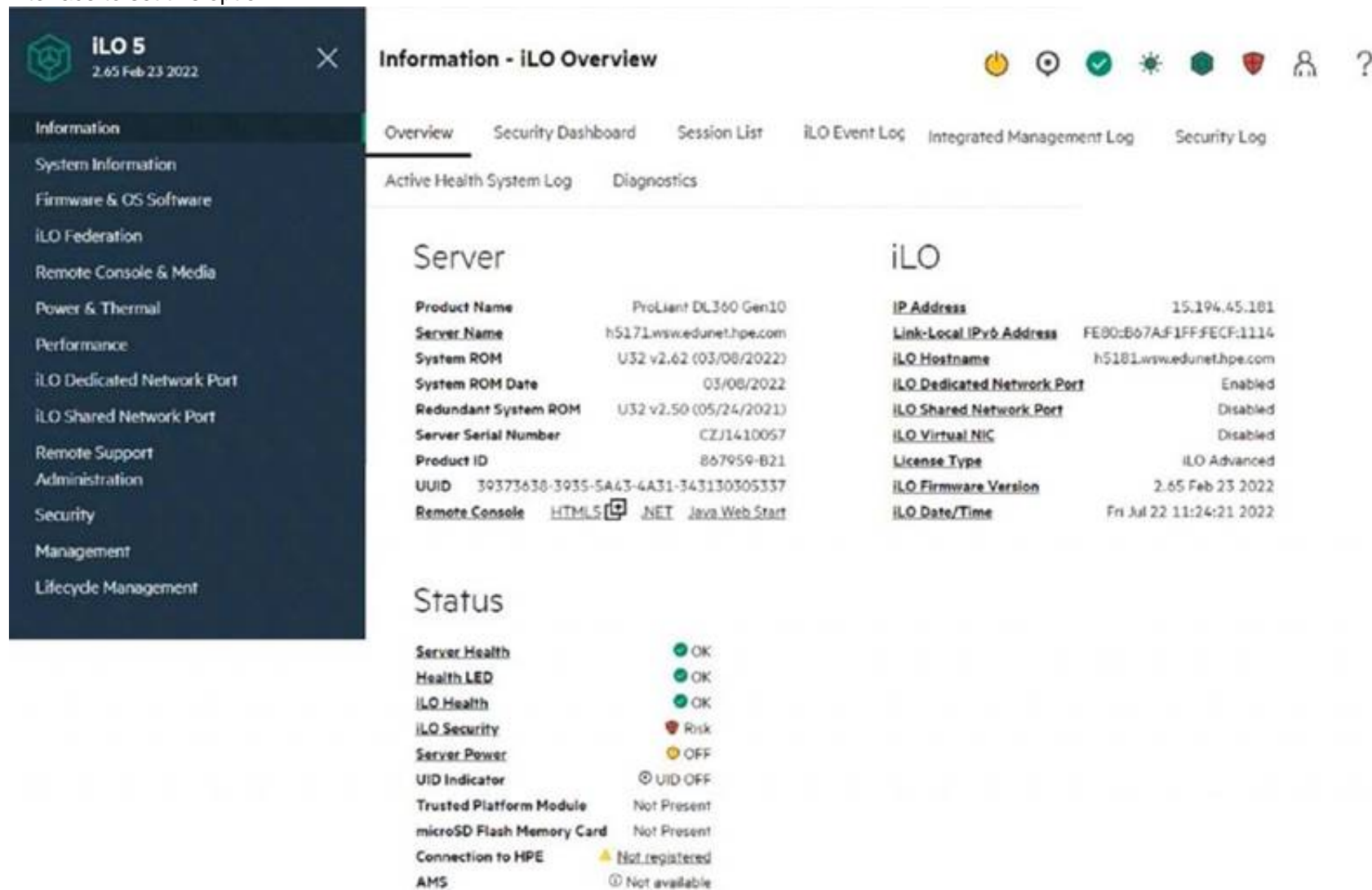
Explanation:

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 17

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 18

your customer has standardized on the AMD platform and asks for a new IJ server. Which server should you recommend?

- A. DL365
- B. DL360
- C. DL385
- D. DL560

Answer: C

Explanation:

According to HPE, this server offers the 2nd generation AMD EPYC 7000 Series processor delivering up to 2X the performance of the prior generation1. It also provides built-in security and flexibility for key applications such as virtualization, software-defined storage (SDS), and High-Performance Compute (HPC)1.

NEW QUESTION 19

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 20

Match the HPE storage products to their use case.

Product

HPE MSA2062	
HPE SimpliVity	
HPE StoreEver LTO-9 Ultrium 45000 External Tape Drive	
HPE StoreOnce 3660	

Use Case

Provides storage for two HPE ProLiant DL380 Gen10 servers in a branch office
Secures backup data with an air-gap separation
Enterprise HCI with integrated compute, storage, and data protection
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 23

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 InfoSight

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 27

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.

NEW QUESTION 31

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:

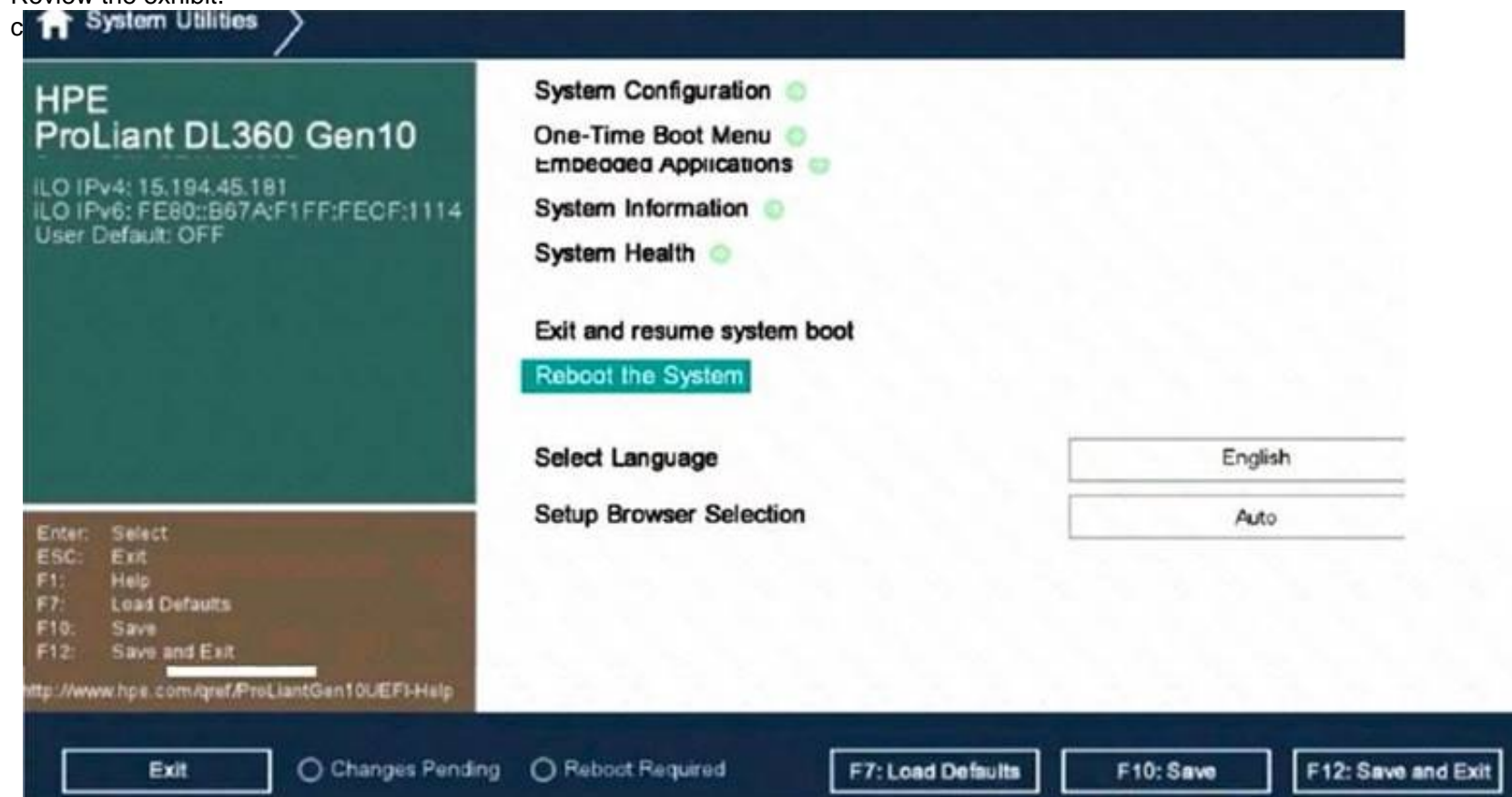
Kubernetes is an open-source system for automating deployment, scaling, and management of containerized applications. It groups containers that make up an application into logical units for easy management and discovery. Kubernetes supports cloud-native applications that are designed to run on distributed 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 36

Review the exhibit.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

F10 Save

NEW QUESTION 37

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 39

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