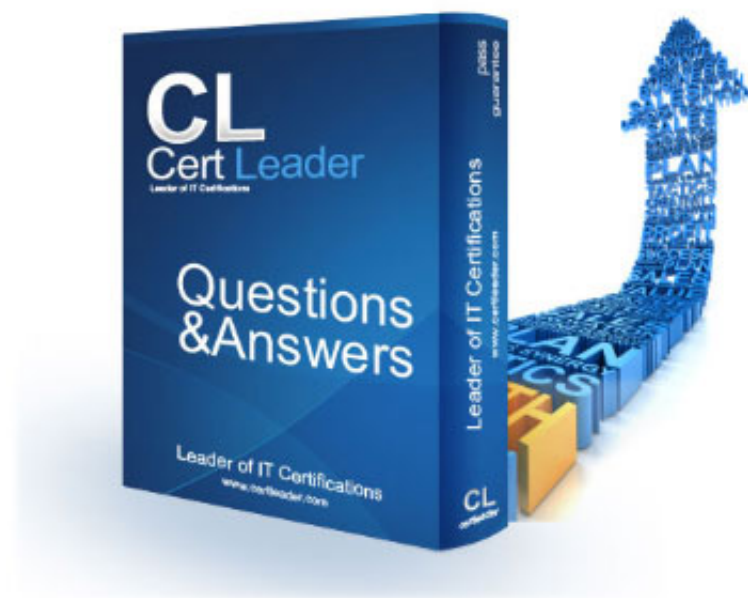


HPE0-V25 Dumps

HPE Hybrid Cloud Solutions

<https://www.certleader.com/HPE0-V25-dumps.html>



NEW QUESTION 1

your customer has a small once with five employees and needs a tower server tor 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 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 3

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 server1. Fault-tolerant memory can help prevent data corruption and loss, which are critical issues for database servers1.

NEW QUESTION 4

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 5

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 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

An RFP states that the database server requires two processors out must De available to scale tofour inside a 2Uchassis.

Whichserver would satisfy the customer requirements?

- A. DL560 Gen10 server
- B. TWO DL380 Gen 10 servers
- C. TwoDL360 Gen10 servers
- D. DL580 Gen10 server

Answer: A

Explanation:

This is because the HPE ProLiant DL560 Gen10 server is a 2U rack server that supports up to four Intel Xeon Scalable processors with up to 48 cores per processor. It also supports up to 6 TB of memory and up to 12 LFF or 24 SFF drives.¹ a 2U chassis.

NEW QUESTION 8

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

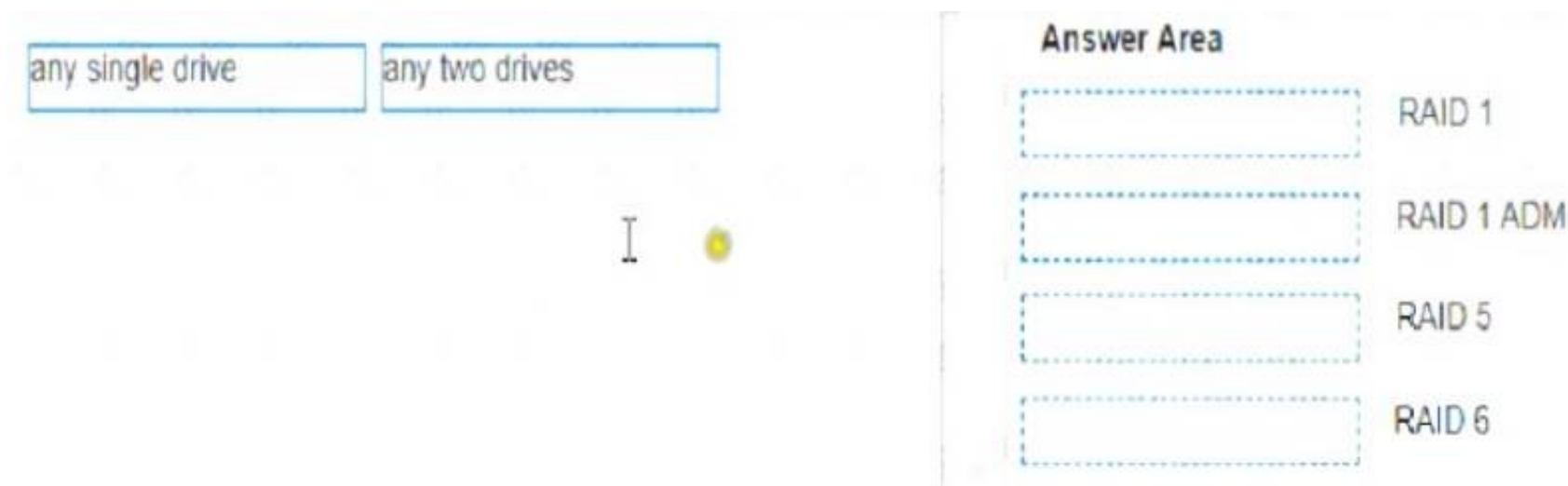
Answer: D

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 9

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.)



- 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

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 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 15

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 19

Match the HPE server models With the appropriate specification.

Answer Area

Server	Specification
DL20 Gen10 Plus	Flexible and affordable 15" deep server supporting the latest intel XEON E processors
DL180 Gen10	High-density, four-socket server with high performance, scalability and reliability, all in a 2U chassis for business-critical computing performance
DL345	Secure and cost effective 1P 2U server delivering flexible storage capacity, delivering a high core count, and a large memory footprint
DL560	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 processors12.
- The DL180 Gen10 is a secure and cost effective IP 2U server delivering flexible storage capacity, delivering a high core count, and a large memory footprint12.
- The DL345 is a high-density, four-socket server with high performance, scalability and reliability, all i a 2U chassis for business-critical computing performance12.
- The DL560 is a secure 2P 2U server delivering world-class compelling performance with the right balance of expandability and scalability12.

NEW QUESTION 23

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 27

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 28

Your customer has an existing MSA 2060 with 20 SAS drives. They want to enhance the performance by adding SSD drives in the four remaining slots. What mandatory option must be sold with the four SSD drives?

- A. HPE Advanced Data services suite license
- B. HPE PointNext Advisory & professional services
- C. HPE MSA Health Check Tool
- D. HPE Data Services Cloud Console subscription

Answer: A

Explanation:

According to HPE, this license enables advanced features such as performance tiering and RAID tier affinity for HPE MSA 2060 storage arrays¹. These features can help enhance the performance of SSD drives by automatically moving hot data to faster drives and keeping data on the same RAID group¹.

NEW QUESTION 32

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 33

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. HPE dHCSizer

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 35

You connect to the Compute Ops Management (COM) through the GreenLake 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

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

Get the latest news about HPE GreenLake

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

Subscribe Now

- 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

Get the latest news about HPE GreenLake

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

Subscribe Now

NEW QUESTION 38

A customer with a new HPE MSA 2060Gen6array wants to ensure thatbest practices werefollowedwhen they installedandset it up. Which HPE product will meet the customer requirements?

- A. HPE SMUv4 Healthcheck
- B. HPE InfoSight
- C. HPE OneView Standard
- D. HPEMSA 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 39

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 44

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 48

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 50

You are explaining hardware health monitoring features Of an HPE ProLiant DL380 Geno Plus server. you need to snow how historical events can be viewed, including fan and power supply failures.
Where can this information be found?

- A. Integrated Management Log
- B. iLO Event
- C. HPE Data Ops Manager
- D. Data Services Cloud Console

Answer: A

Explanation:

Integrated Management Log (IML) is a feature that records hardware events such as fan and power supply failures on HPE ProLiant servers. The IML can be viewed through various methods, such as the iLO web interface, the iLO RESTful API, or the Smart Storage Administrator (SSA). The IML provides historical information about the server's hardware health and helps with troubleshooting and analysis.

NEW QUESTION 51

Review the exhibit.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

F10 Save

NEW QUESTION 56

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 57

Over the next two years, your customer Plans to expand from 25 to 75 employees. They currentlyhave limited space in theserver 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

.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

* Shop Securely

All transactions are protected by VeriSign!

100% Pass Your HPE0-V25 Exam with Our Prep Materials Via below:

<https://www.certleader.com/HPE0-V25-dumps.html>