

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

A customer needs Help setting up their bootable logical drive/volume, checking online drive firmware activation readiness, and managing device identification LEDS

What HPE tool should you recommend?

- A. smart storage Administrator
- B. Integrated Smart Update Tool
- C. HPE OneView
- D. Service pack for ProLiant

Answer: A

Explanation:

the HPE Smart Storage Administrator (SSA) is a web-based application that helps you configure, manage, diagnose, and monitor HPE ProLiant Smart Array Controllers and now other storage devices as well, such as host bus adapters (HBAs), HPE Storage controllers, and future devices such as SCSI Express drives, and SAS switch devices.

Some of the features of the HPE SSA include:

- Creating a bootable logical drive
- Checking online drive firmware activation readiness
- Managing device identification LEDs
- Configuring drive erase
- Creating and managing arrays and logical drives
- Viewing controller and drive status and health information
- Updating controller firmware

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

Which combination of HPE solutions can provide data validation on MSL3040 and LTO-9 cartridges?

- A. HPE Command View for Tape Libraries and HPE TapeAssure Advanced
- B. Library and Tape Tools and HPF StoreEver TapeAssure Advanced Software
- C. HPE Command View for Tape Libraries and HPE StoreEver Data Verification
- D. HPE Command View for Tape Libraries and Library and Tape Tools

Answer: B

Explanation:

Library and Tape Tools and HPF StoreEver TapeAssure Advanced Software: This combination is correct, as Library and Tape Tools (L&TT) is a diagnostic tool that allows you to perform firmware upgrades, run tests, and verify data on tape devices. HPE StoreEver TapeAssure Advanced Software is a software that provides data integrity, performance, health, and utilization reports for tape drives and cartridges, and it works with L&TT to perform data verification².

NEW QUESTION 6

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

	Answer Area	
NAS	<input type="text"/>	Block access using a FC protocol.
SAN	<input type="text"/>	Block access using FCoE protocol.
	<input type="text"/>	Sharing files over industry standard protocols such as NFSv4 or SMB.
	<input type="text"/>	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 7

What benefit does using HPE GreenLake central provide for 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 and offer insights about potential exposure to failures and external attacks.
- D. It can analyze different workloads the customer is running and provide guidance on the best server for 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 8

An RFP states that the database server requires two processors out must be available to scale to four inside a 2U chassis. Which server would satisfy the customer requirements?

- A. DL560 Gen10 server
- B. TWO DL380 Gen 10 servers
- C. Two DL360 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 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.)

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

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

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 InfoSight
- 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 13

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 14

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 18

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 22

You are troubleshooting a server issue and need to reference a log file for hardware and configuration changes. When log file should you review?

- A. IML - Integrated Management Log
- B. ILO Event Log
- C. HPE OneView Activity Log
- D. AHS - Active Health system

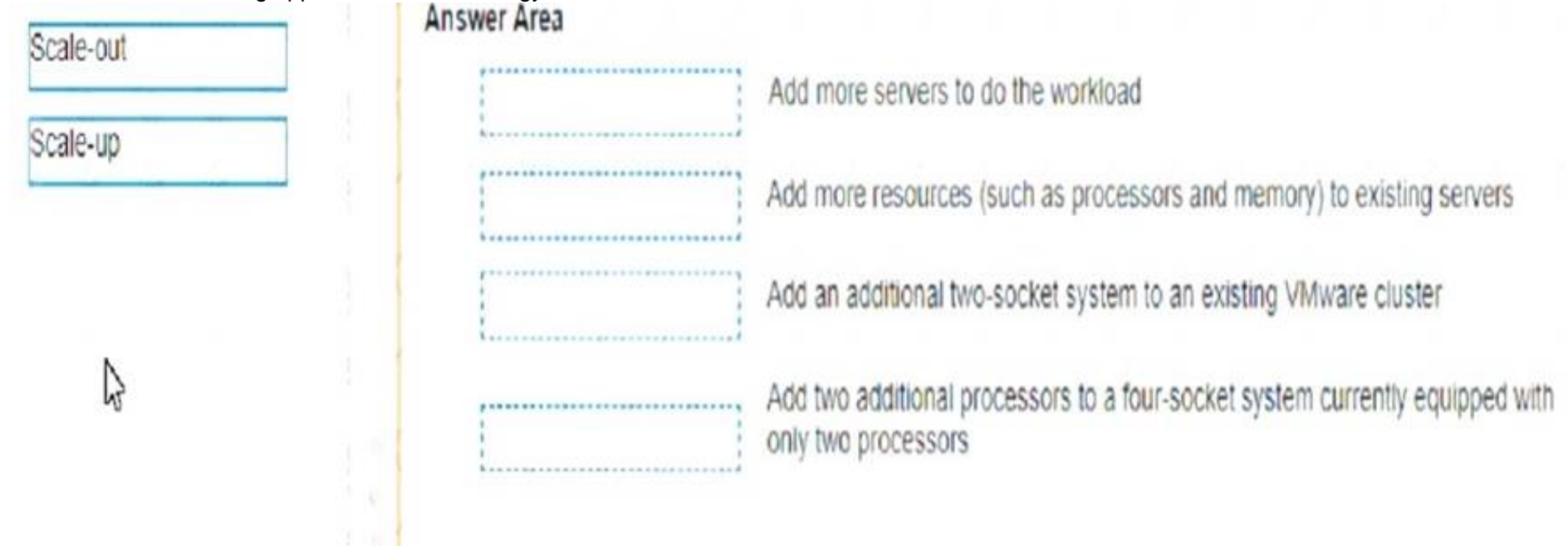
Answer: D

Explanation:

Active Health System (AHS) is a feature that continuously monitors and records thousands of system parameters and diagnostic telemetry data on HPE ProLiant servers. The AHS log contains information such as hardware and configuration changes, health status, boot issues, and firmware updates. The AHS log can be used for troubleshooting and analysis by HPE support or by the user.

NEW QUESTION 23

Match the correct scaling approach to each strategy



- 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 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 services 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 30

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 35

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 40

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 41

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 46

you are preparing a proposal to refresh your customer's 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 shows 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 48

Your customer needs help troubleshooting a Layer 3 network routing issue. Which command should you use?

- A. showLLDP neighbor-info
- B. traceroute
- C. show startup-config
- D. config-router

Answer: B

Explanation:

This is because the traceroute command is a network diagnostic tool that traces the route of packets across an IP network. It shows the path that packets take from the source device to the destination device and displays information such as the IP addresses of routers and switches along the path, the round-trip times of packets, and any packet loss or errors.¹

It can help troubleshoot a Layer 3 network routing issue by identifying where the packets are dropped or delayed.

NEW QUESTION 50

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

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

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 55

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 60

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 64

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 66

Review the exhibit.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

F10 Save

NEW QUESTION 69

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

HPE0-V25 Practice Exam Features:

- * HPE0-V25 Questions and Answers Updated Frequently
- * HPE0-V25 Practice Questions Verified by Expert Senior Certified Staff
- * HPE0-V25 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * HPE0-V25 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The HPE0-V25 Practice Test Here](#)