



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 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 3

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

| | | |
|-----|--------------------|--|
| NAS | Answer Area | Block access using a FC protocol. |
| SAN | | Block access using FCoE protocol. |
| | | Sharing files over industry standard protocols such as NFSv4 or SMB. |
| | | Block access using the iSCSI protocol. |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

According to the HPE website, NAS stands for Network Attached Storage and is a storage system that provides file-level access to data over a network. NAS devices use protocols such as NFSv4 or SMB to share files with clients. NAS devices typically have their own file system and operating system and can support multiple users and applications.

SAN stands for Storage Area Network and is a network that provides block-level access to data over a dedicated network. SAN devices use protocols such as FC, FCoE, or iSCSI to transfer blocks of data to servers. SAN devices do not have their own file system and rely on the servers to manage the data. SAN devices typically provide high performance and availability for mission-critical applications.

NEW QUESTION 4

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 5

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 in a 2U chassis.

NEW QUESTION 6

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 7

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 monitoring. It can also perform end-to-end diagnostics while using predefined templates to reduce configuration errors.

NEW QUESTION 8

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 workload.

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 workload.

- 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 9

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 10

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 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 14

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 17

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

Featured Applications

The screenshot displays the HPE GreenLake dashboard interface. It features several application tiles under the 'Featured Applications' section, including Aruba Central, Data Services Cloud Console, Compute Ops Management, HPE GreenLake Central, HPE InfoSight, and HPE GreenLake Developer Portal. Each tile includes a brief description and a 'Launch' or 'Get Started' button. To the right, there is a 'Recommended for You' section with a large orange arrow pointing to a card for 'HPE GreenLake for Aruba networking'. Below the featured applications, there is a 'Quick Actions' section with two cards: 'Invite Users' and 'Assign User Access'. At the bottom right, there is a 'Get the latest news about HPE GreenLake' section with a 'Subscribe Now' button.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Featured Applications

This is an identical duplicate of the screenshot described above, showing the HPE GreenLake dashboard with featured applications, quick actions, and recommended content.

NEW QUESTION 19

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 20

What is a feature Of the MSA 2060 storage array?

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

Answer: C

Explanation:

This is because the HPE MSA 2060 Storage solution supports a mixture of 3.5 inch LFF and 2.5 inch SFF expansion enclosures for a maximum of 9 enclosures (10 total including the array). You can start small and scale as needed with any combination of SSDs, Enterprise SAS or MidLine SAS HDDs12.

NEW QUESTION 24

Review the Exhibit:



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

Answer Area

| Box | Definition |
|------|-------------------------------|
| "p" | Class of Raid Controller |
| "4" | Controller Type (form factor) |
| "16" | Number of SAS lanes |
| "ie" | Port Type |
| "m" | Smart Array Series |

- 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 28

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 32

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

A customer who is new to HPE wants to refresh the hardware infrastructure for their VMware environment. Before meeting the customer, you need to perform an assessment to get a better of their environment

Which HPE tool should you use?

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

Answer: B

Explanation:

CloudPhysics is a tool that provides a comprehensive assessment of VMware environments and helps identify opportunities for optimization and modernization. CloudPhysics can also generate a ready-to-order bill of materials for HPE solutions based on the customer's workload requirements.

The other options do not seem to be suitable for performing an assessment of a VMware environment. OneView is a tool for managing HPE servers, storage, and networkin2g. GreenLake Quick Quote is a tool for creating quotes for HPE GreenLake services3. InfoSight is a tool for monitoring and managing HPE storage systems.

NEW QUESTION 34

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