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
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 3
Match each HPE tool with its business value.

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
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 5
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 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
Map the HPE platform and workload-oriented solutions with the customer's challenge.

Solution	Challenge
Containers solutions	Unify operations and management
Data Management and Analytics solutions	Provide stability to scale anywhere
Hybrid Cloud solutions	Improve user experience while managing costs
Transcoding & Visualization solutions	Accelerate time to value from insights
VDI solutions	Simplify acquisition and deployment of complex systems

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Containers solutions -> Simplify acquisition and deployment of complex systems1
Data Management and
Analytics solutions -> Accelerate time to value from insights2 management3
Hybrid Cloud solutions -> Unify operations and
Transcoding & Visualization solutions -> Provide stability to scale anywhereVDI solutions -> Improve user experience while managing costs

NEW QUESTION 8
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 9
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 10
Match the HPE server models With the appropriate specification.

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 10
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 14
Your customer has a large DL380Gen10andDL385 Gen10Plus server farm. They onlyhave a small staffmonitoring andmanaging these servers. You need to recommend a management service that Will allow them tofree up resources andautomatemanagement.
What HPE management serviceshould they use?

A. HPEGreenLake Compute Ops Manager
B. HPECloudPhysics
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 18
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 21
Your customer has a VMware vSphere cluster that needs to be upgraded to a SimpliVity Solution. you need to collectdata torecommend 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 22
you want to quickly 100k up the list price of an HPEhardware component. Which pre-saves toolhas a QuickQuotefunction?

A. HPE smart CID
B. HPE CloudPhysics
C. HPE seismic
D. HPE ProductBlletin

Answer: D

Explanation:
This tool has a Quick Quote function that allows you to quickly look up the list price of an HPE hardware component by entering the product number or selecting from a list of products. You can also add multiple products to a quote and export it to a file or email it to yourself or others.

NEW QUESTION 23
Your customer has multiple, remote sales offices with one HPE ProL1ant server deployed per Site to run local IT services. They want to centralize the monitoring ana 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 InoSight

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 26
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 31
Which licenseisneeded in an HPESimpliVity environment where automata disaster recovery capabilities are required?

A. Veeam Backup & Replication
B. VMware Site Recovery Manager
C. HPE Peer Persistence
D. HPE RapidDR

Answer: D

Explanation:
HPE RapidDR: This license is correct, as HPE RapidDR is a disaster recovery orchestration tool that automates the failover of a pre-configured set of virtual machines from a production site to a recovery site on HPE SimpliVity. It leverages the built-in backup and replication capabilities of HPE SimpliVity and simplifies the disaster recovery process.
HPE SimpliVity is a hyperconverged infrastructure solution that combines compute, storage, networking, and data services in a single platform. It provides high performance, efficiency, and resiliency for various workloads, including edge, VDI, and general virtualization1.

NEW QUESTION 32
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 33
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 34
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