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
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 4
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 5

your customer runs a small datacenter ana their storage requirements change on a month-to-month basis. They want to easily monitor their Cloud costs/usage and grow their resources.
Which self-service platform will fill their requirements?

A. HPE InfoSight
B. HPE GreenLake central
C. HPE GreenLake Data Services Cloud Console
D. HPE Compute Ops Management

Answer: B

Explanation:
HPE GreenLake Central is a self-service platform that gives customers a consistent cloud experience for all their applications and data, across edges, colocations, and data centers. Some of the features of HPE GreenLake Central include:

≫ Easily monitor cloud costs and usage: HPE GreenLake Central provides customers with visibility and control over their cloud spending and consumption across hybrid environments. Customers can view their usage and costs by service, location, application, or business unit. They can also set budgets, alerts, and policies to optimize their cloud resources and expenses.

≫ Grow resources as needed: HPE GreenLake Central enables customers to scale up or down their cloud services and resources as their business needs change. Customers can access a catalog of cloud services from HPE and partners through a self-service portal and order them with a few clicks. They can also leverage buffer capacity that is ready to use in minutes, not months.

NEW QUESTION 6
Your customer needs a server a maximum Of two processors thatwill providehighperformance, manageability, expansion,and security.
Which server should you recommend?

A. DL560
B. DL380
C. DL110
D. DL20

Answer: B

Explanation:
HPE ProLiant DL380 Gen10 server is a versatile 2U rack server that delivers world-class performance and security for a wide range of workloads. The server supports up to two Intel Xeon Scalable processors with up to 28 cores per processor and up to 3 TB of memory. The server also offers a range of management, expansion, and security features, such as:

≫ HPE iLO 5 software for remote management and monitoring

≫ HPE Smart Array controllers for RAID configuration and data protection

≫ HPE SmartMemory for enhanced performance and reliability

≫ HPE Flexible Slot power supplies for efficiency and redundancy

≫ HPE FlexibleLOM adapters for network connectivity options

≫ HPE Persistent Memory for fast data access and analytics

≫ HPE Secure Boot and Secure Start for firmware validation and protection

NEW QUESTION 7
What does an SSD wear Gauge define?

A. Remaining lifetime for the SSD drive
B. Type of technology used within the SSD drive
C. Type of interface used for the SSD drive
D. Maximum speed of the SSD drive

Answer: A

Explanation:
According to HPE, SmartSSD Wear Gauge is a feature that provides an estimate of the remaining useful life of an SSD drive based on its usage patterns1. It can help you monitor the health and performance of your SSD drives and plan for replacement or upgrade when needed1.

NEW QUESTION 8
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 9
Match the correct scaling approach to each strategy

Scale-out

Scale-up

Answer Area

Add more servers to do the workload

Add more resources (such as processors and memory) to existing servers

Add an additional two-socket system to an existing VMware cluster

Add two additional processors to a four-socket system currently equipped with only two processors

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 10
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 10
An HPEProLiantDL380 Gen10 Plus serverhada power supply issue, and it failedto alert the customer and create a case WithHPE support.
What additional step is required to activate this feature?

A. Add the server to the existing ILO 5 Federation
B. Applythe 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 15
Your customer wants a new server tor 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 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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Featured Applications
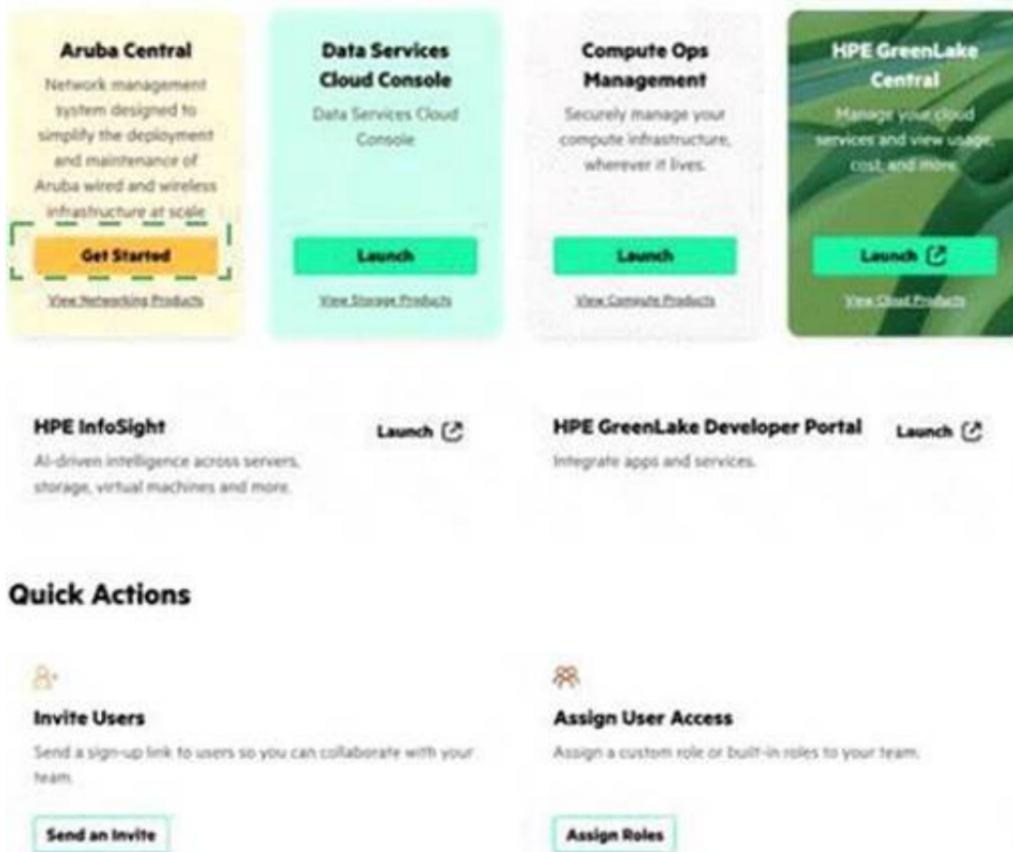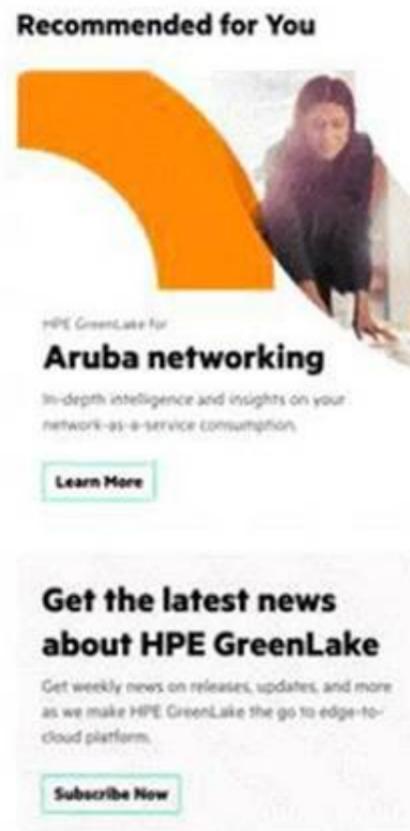
NEW QUESTION 19
you want to quickly 100k up the list price of an HPEhardware component. Which pre-saves toolhas a QuickQuotefunction?

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 24

your customer wants to update the firmware tor 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 28
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 30
A customerwants to create a 3TBboot partition on their HPE Pt0Ljant DL360 Gen10Plus server. What setting must De enabled to allow this configuration?

A. Secure Boot
B. unlimitedExtensible Firmware Interface (UEFI) Boot Mode
C. Legacy BIOS Boot Mode
D. Virtuaulization-Maxjmum pertormance

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 10^21 bytes) in size.12

NEW QUESTION 32
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 34
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 37
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