HP

Exam Questions HPE0-V25

HPE Hybrid Cloud Solutions

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
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
Which combination of HPE solutions can provide data validation on MSL3040 andLTO-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 4
Match the protocol to a fundamental approach for storing data. (Each option may be used once, more than once, or not at all.)

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 5
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 6
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 7
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 8
Map the HPE platform and workload-oriented solutions with the customer's challenge.

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 9
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 10
A customer wants to set up a site-to-site replication using FibreChannel to a Sitethat 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. Polymeroptical fiber cable

Answer: A

Explanation:
⟫ https://en.wikipedia.org/wiki/Fibre_Channel
⟫ https://fibrechannel.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 cansupport distances up to 40 kilometers for Fibre Channel applications.

NEW QUESTION 10
When designing new server environments, you need to determine the maximum equipment wattage andthermal requirements atthe unit (chassis) and rack level. Which HPE tool should be used?

A. HPE Infosight
B. HPE Smart Storage Administrator
C. HPE Power Advisor
D. HPEOneView

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
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 the preconfigured HPE workload Profile With Its definition.

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 21
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 24
Your customer has run out of storage on their Virtual environment. How does migrating to HPE GreenLake help this customer?

A. by implementing a reserve level to ensure there is always storage available
B. by enabling the customer to use an installed butter and only pay for what they use
C. by automatically ordering more storage when capacity levels reach 90%
D. by allowing the customer to over-provision their storage

Answer: B

Explanation:
HPE GreenLake for storage is a storage-as-a-service solution that provides a cloud-like experience for on-premises storage. The solution offers:

> Workload-optimized data services for file, block, backup, and disaster recovery

> A cloud-based management console for simplified operations and provisioning

> A consumption-based model that aligns costs with usage

> A buffer capacity that is installed but not activated until needed

> A pay-per-use billing that only charges for the capacity used above the reserve level

By migrating to HPE GreenLake for storage, the customer can avoid running out of storage on their virtual environment by using the buffer capacity as needed and only paying for what they use. The customer can also benefit from the flexibility, scalability, and performance of the storage services offered by HPE GreenLake.

NEW QUESTION 26
Your customer asks you to explain the benefits that the HPE GreenLake consumption model can provide. Match the GreenLake benefits to their outcomes.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

> Managed by HPE and HPE Partners: Allows customer IT employees to be more productive within an organization

> Pay-per-use: Provides financial flexibility for customers, frees up capital, and provides better control costs

> Scale up and down: Manages capacity ahead of demand and allows customers to easily add resources when they are needed

> Self-service: Provides customers with a simple point-and-click automated provisioning

> https://www.hpe.com/psnow/doc/a00029675enw?jumpid=in_lit-psnow-red

> https://www.techtarget.com/searchdatacenter/feature/What-is-HPE-GreenLake-and-how-does-it-work

> https://www.turn-keytechnologies.com/blog/article/how-hpe-greenlakes-consumption-model-is-transform

NEW QUESTION 27
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 30
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 35
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 36
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 38
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 39
Review the exhibit.
c

A. Mastered
B. Not Mastered

Answer: A

Explanation:
F10 Save

NEW QUESTION 44
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 46
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 50
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