

## Exam Questions HPE0-V25

HPE Hybrid Cloud Solutions

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### NEW QUESTION 1

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 server<sup>1</sup>. Fault-tolerant memory can help prevent data corruption and loss, which are critical issues for database servers<sup>1</sup>.

### 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 for what is used.
- B. The HPE GreenLake platform is always managed by HPE, reducing the need for internal IT staff.
- C. HPE actively 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. HPE GreenLake provides a larger hardware portfolio 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 main document management application. They have 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 <sup>1</sup>. A SAN allows multiple servers to access shared pools of storage devices, such as disk arrays or tape libraries<sup>1</sup>. 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 verification.

**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.)

NAS	<b>Answer Area</b>	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 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**

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	<b>Answer Area</b>	RAID 1
			RAID 1 ADM
			RAID 5
			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 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**

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 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 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 19**

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 20**

Your customer asks you to explain the benefits that the HPE GreenLakeconsumption model can provide. Match the GreenLake benefits to their outcomes.

Benefit	Outcome
Managed by HPE and HPE Partners	Provides customers with a simple point-and-click automated provisioning
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	Allows customer IT employees to be more productive within an organization

- 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.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 24

you are preparing a proposal to refresh your customers 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 show 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 solutions<sup>1</sup>. It can help you demonstrate how a server refresh can reduce costs, improve performance, and increase efficiency for your customer.

#### NEW QUESTION 29

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

- A. showLLDP neighbor-info
- B. traceroute
- C. snow 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.<sup>1</sup>

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

#### NEW QUESTION 33

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 37

Review the exhibit.

c



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
 F10 Save

**NEW QUESTION 38**

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 tools<sup>1</sup>. Big data storage can handle various types of data, such as structured, unstructured, or semi-structured data, and provide fast and scalable access to it<sup>1</sup>.

**NEW QUESTION 41**

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 network<sup>2</sup>. GreenLake Quick Quote is a tool for creating quotes for HPE GreenLake services<sup>3</sup>. InfoSight is a tool for monitoring and managing HPE storage systems.

**NEW QUESTION 46**

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