

## HPE0-V25 Dumps

### HPE Hybrid Cloud Solutions

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### NEW QUESTION 1

Your customer has multiple workloads that they want to move from a Cloud service provider to an on-premises datacenter. They like the flexibility of their current provider but want dedicated hardware and the ability to scale up and down as business needs change. Which platform is designed for this customer use case?

- A. HPE Superdome Flex platform
- B. HPE Ezmeral Container platform
- C. HPE GreenLake platform
- D. HPE Apollo Systems

**Answer: C**

#### Explanation:

HPE GreenLake is an edge-to-cloud platform that delivers cloud services to any location. The platform offers:

- A flexible consumption model that allows customers to pay only for what they use
- A scalable and secure infrastructure that can handle any workload
- A cloud-like experience that simplifies operations and management
- A wide range of services for compute, storage, networking, data protection, and more

By migrating to HPE GreenLake, the customer can move their workloads from a cloud service provider to an on-premises data center with dedicated hardware and the ability to scale up and down as business needs change. The customer can also benefit from the agility, performance, and innovation of the cloud services offered by HPE GreenLake.

### NEW QUESTION 2

Match the RAID level with its capacity overhead. (Each option may be used once, more than once, or not at all.)

Capacity of one drive

Zero overhead from capacity perspective

Capacity of two drives

**Answer Area**

	RAID 1
	RAID 0
	RAID 5
	RAID 6

- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

- RAID 0: This level has zero overhead from capacity perspective, as it uses all the available disk space for data storage without any redundancy or parity. However, it also has no fault tolerance and if one disk fails, all data is lost.
- RAID 1: This level has capacity of one drive as overhead, as it uses disk mirroring to create an exact copy of data on two or more disks. This provides high reliability and fault tolerance, but reduces the usable disk space by half.
- RAID 5: This level has capacity of one drive as overhead, as it uses disk striping with parity to distribute data and parity blocks across three or more disks. This provides a balance between performance and reliability, as it can tolerate one disk failure without losing data.
- RAID 6: This level has capacity of two drives as overhead, as it uses disk striping with double parity to distribute data and two parity blocks across four or more disks. This provides higher reliability and fault tolerance than RAID 5, as it can tolerate two disk failures without losing data.

### NEW QUESTION 3

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
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- Configuring drive erase
- Creating and managing arrays and logical drives
- Viewing controller and drive status and health information
- Updating controller firmware

#### NEW QUESTION 4

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 verification2 .

#### NEW QUESTION 5

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 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

What benefit does using HPE GreenLake central provide for 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 and offer insights about potential exposure to failures and external attacks.
- D. It can analyze different workloads the customer is running and provide guidance on the best server for 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 8**

your customer wants to purchase a new HPE MSA controller enclosure fully populated With SSD drives. 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 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**

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 10**

Your customer has run out of storage ontheir Virtual environment. How does migrating to HPE GreenLakehelp this customer?

- A. by implementing a reserve level to ensure there is always storage available
- B. by enabling the customer to use an installed buffer and only pay for what they use
- C. by automatically ordering more storage when capacity levels reach90%
- 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 15**

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 20**

Match the HPE storage products to their use case.

Product		Use Case
HPE MSA2062		Provides storage for two HPE ProLiant DL380 Gen10 servers in a branch office
HPE SimpliVity		Secures backup data with an air-gap separation
HPE StoreEver LTO-9 Ultrium 45000 External Tape Drive		Enterprise HCI with integrated compute, storage, and data protection
HPE StoreOnce 3660		Provides a disk-based backup functionality with efficient deduplication

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

HPE MSA2062 -> Provides storage for two HPE ProLiant DL380 Gen10 servers in a branch office1

HPE SimpliVity -> Enterprise HCI with integrated compute storage and data protection2

HPE StoreEver LTO 9

Ultrium 45000 External Tape Drive -> Secures backup data with an air-gap separation3 HPE StoreOnce 3660 -> Provides a disk-based backup functionality with efficient deduplication

**NEW QUESTION 23**

Your customer has multiple, remote sales offices with one HPE ProLiant server deployed per Site to run local IT services. They want to centralize the monitoring and 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 InfoSight

**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 28**

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 29**

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 33**

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