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Exam : **HPE0-V25**

Title : **HPE Hybrid Cloud Solutions**

Vendor : **HP**

Version : **DEMO**

NO.1 Your customer has a three tier server, storage, and networking infrastructure for their virtualized environment that needs to be refreshed. They have a very small IT team, and their business portfolio is expanding with a very predictable workload. Their growth requirements depend heavily on cash flow.

You need to provide a solution that will enable them to upgrade their capacity and performance in a linear way.

What HPE solution should you suggest?

- A. HPE GreenLake for Block Storage
- B. HPE SimpliVity
- C. HPEdHCI
- D. HPE DL Servers & Primera Storage

Answer: B

Explanation:

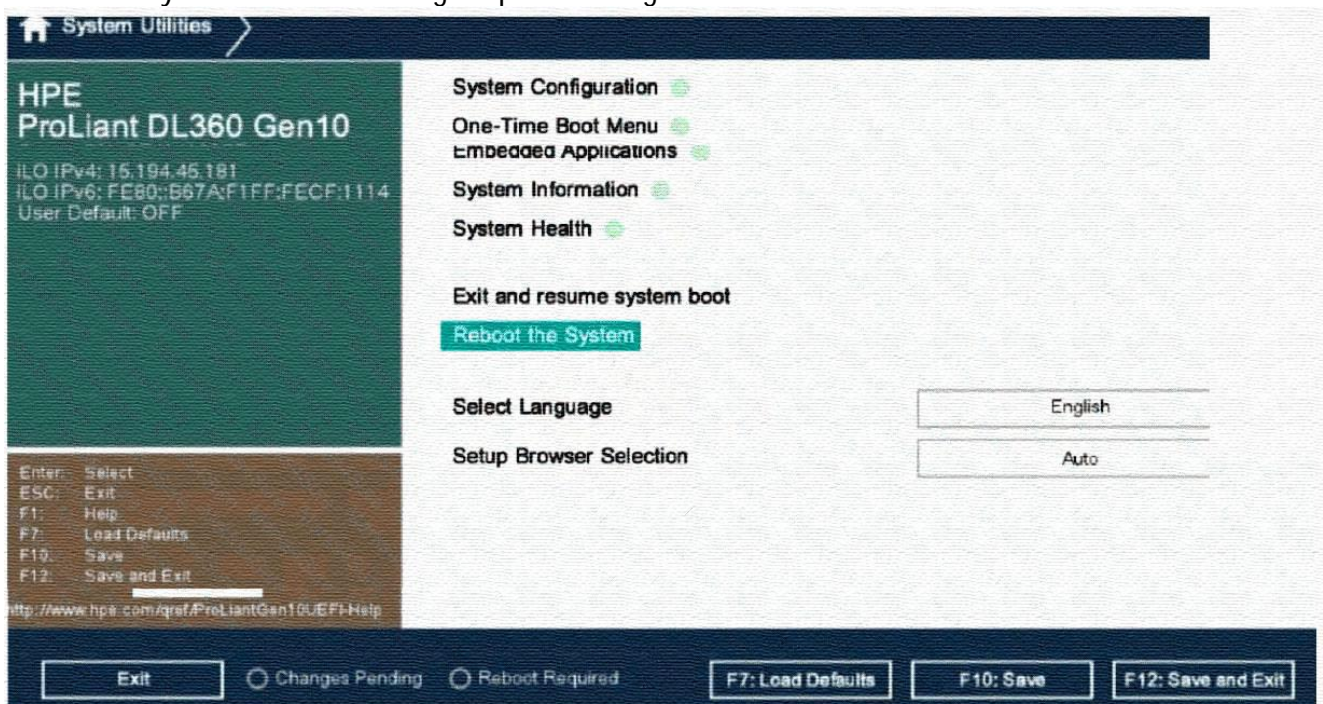
HPE SimpliVity: This is an ideal solution for small IT teams as it integrates compute, storage, and networking into a single hyper-converged infrastructure (HCI) platform. It simplifies management and scales linearly, making it suitable for environments with predictable workloads and growth requirements that depend on cash flow.

References:

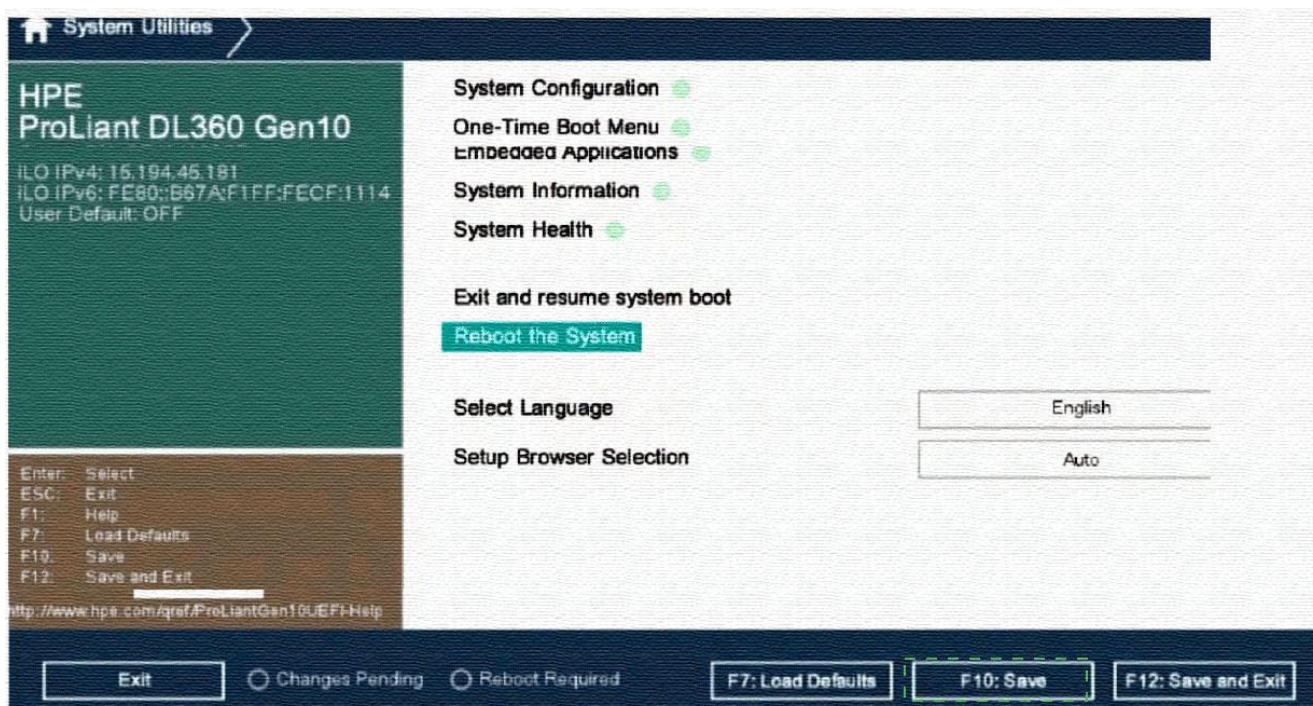
HPE SimpliVity

NO.2 Review the exhibit.

Click where you can access intelligent provisioning.



Answer:



Explanation:

F10 Save

NO.3 You need to connect a new HPE MSA 1060 storage array to your customer's existing 1GB network. Which network adapter should be installed in this array?

- A. 10GBSFP+
- B. 10/25 QFP
- C. 10GBase-T
- D. 10/25SFP28

Answer: C

Explanation:

10GBase-T: This network adapter is backward compatible with 1GB networks, allowing the HPE MSA 1060 storage array to connect to the existing infrastructure. While it supports higher speeds (10Gbps), it can auto-negotiate to work with 1Gbps networks, ensuring compatibility with the customer's current setup.

References:

HPE MSA 1060 Storage

NO.4 Your customer accidentally disabled iLO functionality during a proof of concept. During your next customer visit, which tool should be used to activate it?

- A. UEFI System Utilities
- B. HPE InfoSight
- C. iLO Web interface
- D. HPEOneView

Answer: A

NO.5 Your customer has a large DL380 Gen10 and DL385 Gen10 Plus server farm. They only have a small staff monitoring and managing these servers. You need to recommend a management service

that Will allow them to free up resources and automate management.

What HPE management service should they use?

- A.** HPE GreenLake Compute Ops Manager
- B.** HPE CloudPhysics
- 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.

NO.6 How do you access the SSD Wear Gauge report?

- A.** OneView for Servers
- B.** OneView for storage
- C.** HPE Infosight portal
- D.** Smart Storage Administrator

Answer: D

Explanation:

Understanding the Requirements:

The task is to access the SSD Wear Gauge report.

Access Options:

A: OneView for Servers: Primarily used for managing server infrastructure but not specifically for SSD wear information.

B: OneView for Storage: Used for managing storage systems but does not provide detailed SSD wear information.

C: HPE InfoSight Portal: Provides predictive analytics and insights but not direct access to SSD wear reports.

D: Smart Storage Administrator: A tool specifically designed to manage HPE storage solutions, including SSD wear monitoring.

Why Smart Storage Administrator (D) is the Best Fit:

Specialized Tool: HPE Smart Storage Administrator (SSA) provides detailed information on storage health, including SSD wear gauges.

Direct Access: It allows direct access to SSD wear metrics, enabling proactive maintenance and management of SSDs.

References:

HPE Smart Storage Administrator: Smart Storage Administrator (SSA)

HPE SSD Wear Gauge: HPE SSD Management

NO.7 Your customer IS interested in me new MSA storage array and asks for 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 arrays¹. With SMU, you can demonstrate the features and monitoring capabilities of the new MSA storage array to your customer.

NO.8 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.

NO.9 A customer is running HPE Intelligent Provisioning v3.70 on their DL380 Gen! 0 Plus server. They request an update to the latest version available. How should you complete the upgrade?

- A. Download the 'Intelligent Provisioning Recovery Media' ISO from the HPE Support websites. Boot from ISO and install
- B. Within InfoSight, select the Server - Choose Upgrades - Intelligent Provisioning - Install to start the upgrade process
- C. Select the 'Upgrade' link within the iLO 5 web interface 'Life Cycle Management' section
- D. Download the 'Intelligent Provisioning Recovery Media' ISO from HPE Infosight for Servers. Boot from ISO and install

Answer: A

Explanation:

Intelligent Provisioning Recovery Media: To upgrade HPE Intelligent Provisioning, you need to download the latest version of the Intelligent Provisioning Recovery Media ISO from the HPE Support website. Once downloaded, you should boot from the ISO and follow the instructions to install the latest version. This method ensures that the update process is conducted smoothly and without relying on additional software or tools.

References:

HPE Intelligent Provisioning

NO.10 your customer has standardized on the AMD platform and asks for a new 1U server. Which server should you recommend?

- A. DL365
- B. DL360
- C. DL385
- D. DL560

Answer: A

Explanation:

The HPE ProLiant DL365 Gen11 server is a 1U, single-processor server powered by the AMD EPYC 9004 Series processor with AMD 3D V-Cache technology¹. It is designed to deliver high performance, security, and scalability for diverse workloads such as virtualization, cloud computing, data analytics, and AI

/ML1. The HPE ProLiant DL365 Gen11 server supports up to 64 cores, 4 TB of memory, 12 NVMe drives, and 8 PCIe Gen4 slots¹. It also features the HPE iLO 5 controller, HPE Smart Array controllers, HPE SmartMemory, and HPE Silicon Root of Trust for enhanced management, security, and reliability¹.

The HPE ProLiant DL360 Gen11 server is a 1U, dual-processor server powered by the Intel Xeon Scalable processor family². It is designed to deliver performance, security, and flexibility for diverse workloads such as virtualization, cloud computing, database, and AI/ML². The HPE ProLiant DL360 Gen11 server supports up to 40 cores, 3.2 TB of memory, 10 NVMe drives, and 6 PCIe Gen4 slots². It also features the HPE iLO 5 controller, HPE Smart Array controllers, HPE SmartMemory, and HPE Silicon Root of Trust for enhanced management, security, and reliability².

The HPE ProLiant DL385 Gen11 server is a 2U, dual-processor server powered by the AMD EPYC 9004 Series processor with AMD 3D V-Cache technology³. It is designed to deliver high performance, security, and scalability for diverse workloads such as virtualization, cloud computing, data analytics, and AI

/ML3. The HPE ProLiant DL385 Gen11 server supports up to 128 cores, 8 TB of memory, 24 NVMe drives, and 16 PCIe Gen4 slots³. It also features the HPE iLO 5 controller, HPE Smart Array controllers, HPE SmartMemory, and HPE Silicon Root of Trust for enhanced management, security, and reliability³.

The HPE ProLiant DL560 Gen11 server is a 2U, four-processor server powered by the Intel Xeon Platinum processor family⁴. It is designed to deliver performance, security, and scalability for mission-critical workloads such as database, ERP, CRM, and AI/ML⁴. The HPE ProLiant DL560 Gen11 server supports up to

112 cores, 12 TB of memory, 12 NVMe drives, and 12 PCIe Gen4 slots⁴. It also features the HPE iLO 5 controller, HPE Smart Array controllers, HPE SmartMemory with Persistent Memory support (up to 6 TB), and HPE Silicon Root of Trust for enhanced management, security, and reliability⁴.

Therefore, if the customer has standardized on the AMD platform and asks for a new 1U server, the best option would be the HPE ProLiant DL365 Gen11 server, which offers the highest core count (64), memory capacity (4 TB), and NVMe drive support (12) among the single-processor servers powered by AMD EPYC processors. The other servers either use Intel processors or have a larger form factor (2U).

NO.11 Match the HPE server models With the appropriate specification.

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

Answer:

Server	Specification
DL20 Gen10 Plus	Flexible and affordable 15" deep server supporting the latest intel XEON E processors
DL345	High-density, four-socket server with high performance, scalability and reliability, all in a 2U chassis for business-critical computing performance
DL180 Gen10	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

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 1P 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 in 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.

NO.12 You are explaining the benefits of hybrid cloud implementation to your customer. Which two key benefits does this solution provide? (Select two.)

- A. Integrate across data sets and business groups
- B. Complete removal of local firewalls
- C. Zero hardware expenditures
- D. Ability to unify operations and management
- E. Lower cost per GB of local storage

Answer: A D

NO.13 You are preparing a proposal to refresh your customer's existing DL380 G6 and G7 servers with newer generations. Before making a decision, your customer needs to know if a refresh is worth the cost.

Which option will show the value of the purchase to your customer?

- A. Solution Sales Enablement Tool
- B. Selective Storage Presentation

C. Smart CID

D. TCO/ROI Calculator

Answer: D

Explanation:

TCO/ROI Calculator: The Total Cost of Ownership (TCO) and Return on Investment (ROI) calculator provides a detailed financial analysis that compares the costs and benefits of maintaining existing servers versus investing in new hardware. It helps customers understand the long-term value and potential savings of upgrading to newer server generations.

References:

HPE TCO/ROI Calculator