

**HP**

## **Exam Questions HPE0-V25**

HPE Hybrid Cloud Solutions



### NEW QUESTION 1

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 2

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 3

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.<sup>123</sup>

### NEW QUESTION 4

Your customer needs a server a maximum Of two processors that will provide high performance, 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 5**

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 patterns<sup>1</sup>. It can help you monitor the health and performance of your SSD drives and plan for replacement or upgrade when needed<sup>1</sup>.

**NEW QUESTION 6**

A customer wants to set up a site-to-site replication using FibreChannel to a Site that 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. Polymer optical fiber cable

**Answer:** A

**Explanation:**

- [https://en.wikipedia.org/wiki/Fibre\\_Channel](https://en.wikipedia.org/wiki/Fibre_Channel)
- [https://fibrenchannel.org/wp-content/uploads/2016/04/Fibre\\_Channel\\_Connectivity\\_White\\_Paper\\_04-06-1](https://fibrenchannel.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 can support distances up to 40 kilometers for Fibre Channel applications.

**NEW QUESTION 7**

your customer is using HPE InfoSight in their environment containing ProLiant and MSA systems. which product supports automatic case creation through InfoSight?

- A. ProLiant DL120 G7
- B. MSA 2062
- C. MSA2040
- D. proLiant DL560 Gen10

**Answer:** D

**Explanation:**

According to the HPE website, HPE InfoSight supports automatic case creation for HPE ProLiant servers that are connected to HPE InfoSight through HPE Integrated Lights-Out (iLO) Amplifier Pack<sup>1</sup>. The ProLiant DL560 Gen10 is one of the supported servers that can benefit from this feature<sup>1</sup>.

**NEW QUESTION 8**

Match the HPE server models With the appropriate specification.

**Answer Area**

**Server**

- DL20 Gen10 Plus
- DL180 Gen10
- DL345
- DL560

**Specification**

- Flexible and affordable 15" deep server supporting the latest intel XEON E processors
- High-density, four-socket server with high performance, scalability and reliability, all in a 2U chassis for business-critical computing performance
- Secure and cost effective 1P 2U server delivering flexible storage capacity, delivering a high core count, and a large memory footprint
- 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 processors<sup>12</sup>.
- 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 footprint<sup>12</sup>.

- > 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.

**NEW QUESTION 9**

Match the preconfigured HPE workload Profile With Its definition.

Profile	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
IO throughput	This profile setting will ensure that all available virtualization technologies are enabled and configured for maximum performance.
Graphics processing	It is intended for configurations that depend on maximum throughput between IO and memory.
Virtualization —Max Performance	This profile is intended for configurations that use GPUs and depend on maximum bandwidth between IO and memory.

- 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 10**

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**

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 14**

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 buffer 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 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

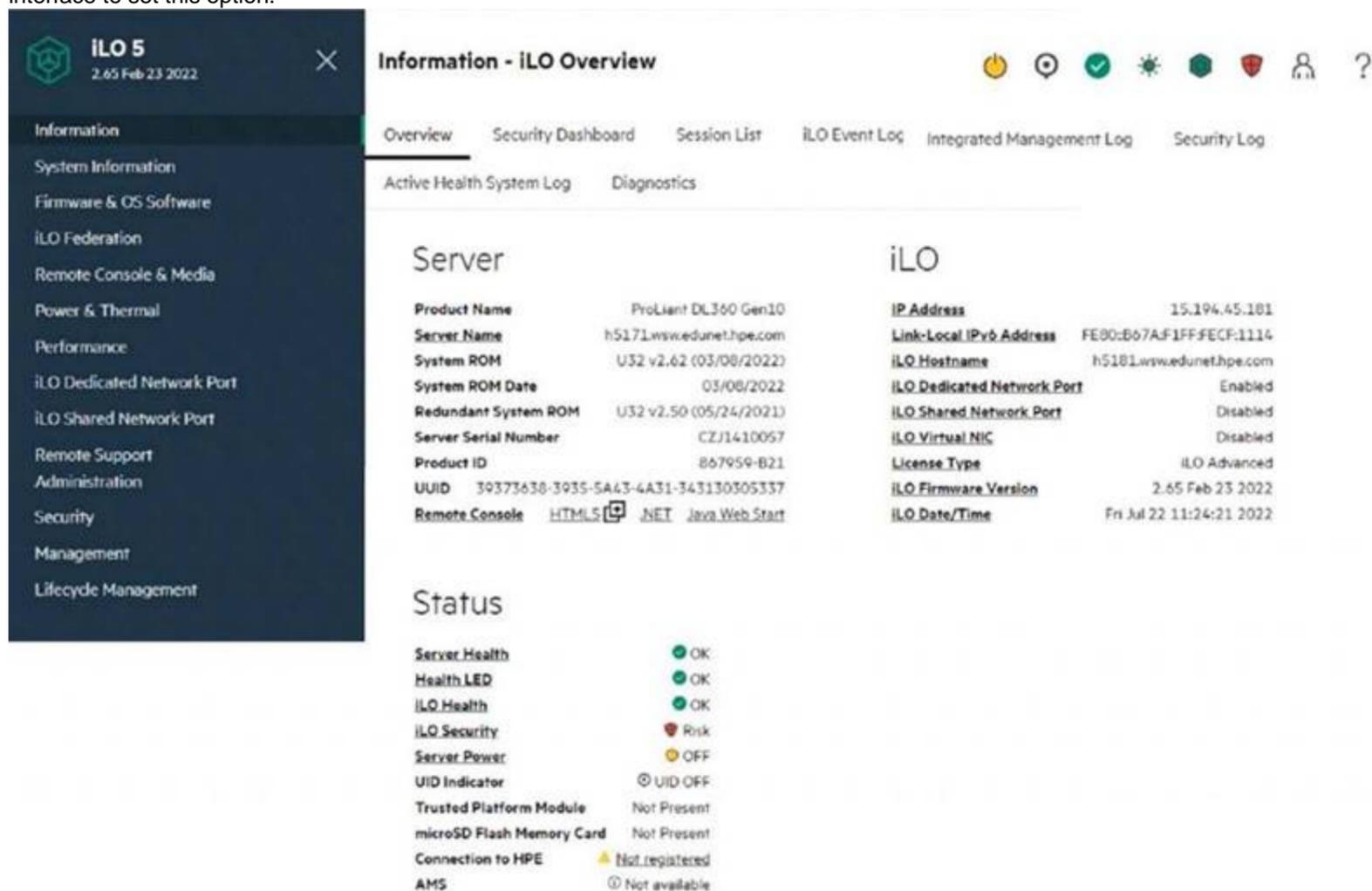
**Answer: A**

**Explanation:**

According to HPE, this license enables advanced features such as performance tiering and RAID tier affinity for HPE MSA 2060 storage arrays. 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 group.

**NEW QUESTION 19**

Your customer wants to receive emails when a hardware event occurs on their HPE ProLiant Gen10 server. Click where you can find the iLO management interface to set this option.



- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

To set the email notification option, you need to go to the "Administration" tab and select the "Management" option. Then you need to enter the email address and SMTP server information in the "AlertMail" section and enable the "AlertMail" feature. You can also specify which events you want to receive emails for by

selecting the appropriate severity level.

### NEW QUESTION 23

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

- A. showLLDP neighbor-info
- B. traceroute
- C. show 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 26

Your customer is looking for a reference architecture from HPE. Which tool can translate their requirements to a validated configuration?

- A. one config Advanced (OCA)
- B. solution sales Enablement Tool (SSET)
- C. One Config Simple (OCS)
- D. HPE storage STaTS Tool

**Answer: B**

#### Explanation:

Solution Sales Enablement Tool (SSET) is a tool that helps you design and validate HPE solutions based on reference architectures. The SSET can translate customer requirements into a validated configuration that meets their needs and budget. The SSET can also generate a bill of materials, a quote, and a proposal for the solution.

### NEW QUESTION 30

Your customer wants to update the firmware for 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 world<sup>1</sup>. It also provides firmware update capabilities for HPE ProLiant MicroServer Gen10 Plus servers<sup>2</sup>. With iLO 5, you can demonstrate how to update the firmware for multiple servers easily and securely.

### NEW QUESTION 31

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<sup>1</sup>. With HPE InfoSight, you can demonstrate how to simplify and optimize your customer's IT operations from edge to cloud.

### NEW QUESTION 35

A customer wants to create a 3TB boot partition on their HPE ProLiant DL360 Gen10 Plus server. What setting must be enabled to allow this configuration?

- A. Secure Boot
- B. unlimited Extensible Firmware Interface (UEFI) Boot Mode
- C. Legacy BIOS Boot Mode
- D. Virtualization-Maximum performance

**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<sup>21</sup> bytes) in size.12

**NEW QUESTION 38**

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 39**

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**

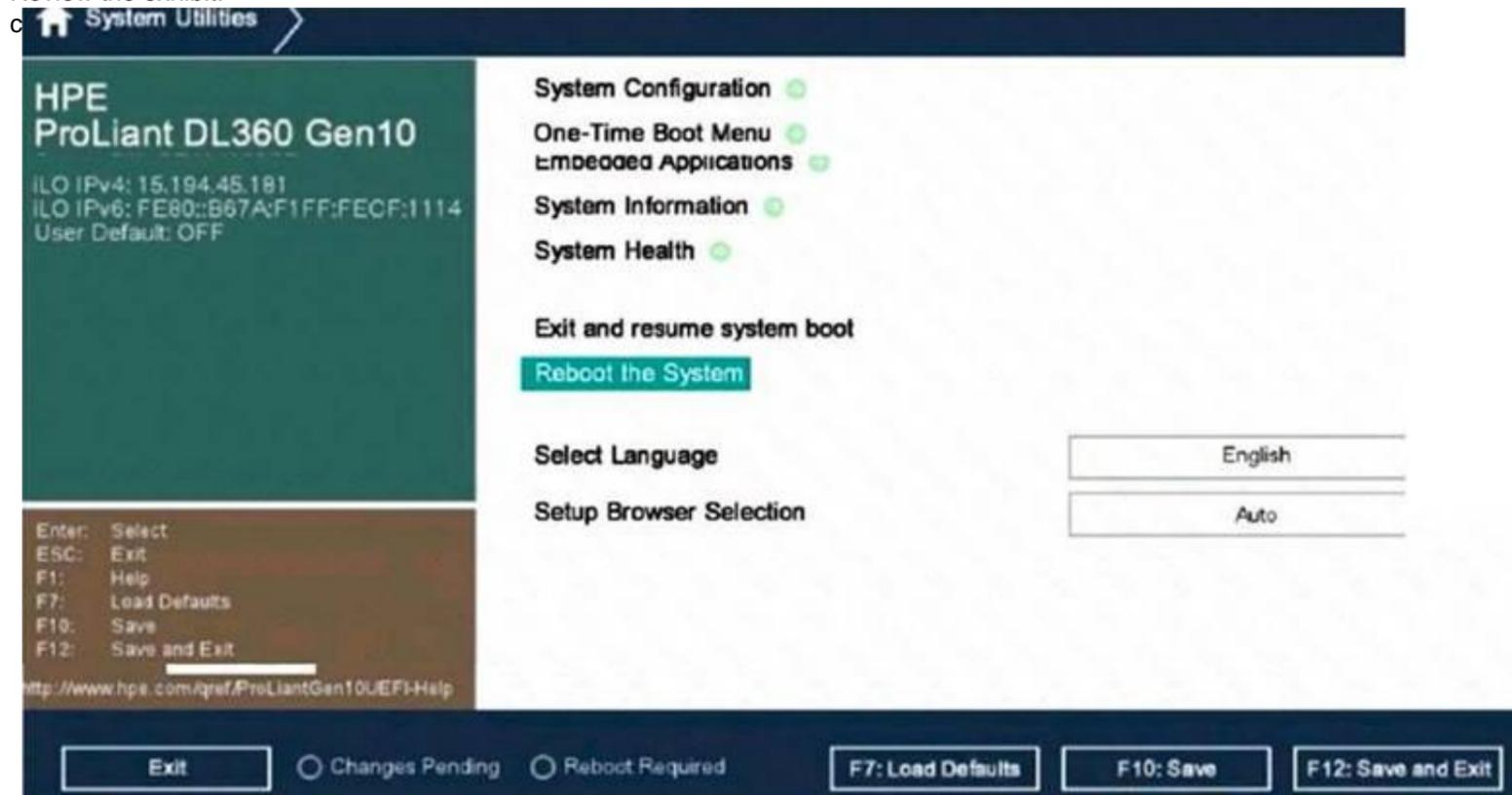
**Explanation:**

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 43**

Review the exhibit.



- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

F10 Save

**NEW QUESTION 44**

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