



**HP**

## **Exam Questions HPE0-V25**

HPE Hybrid Cloud Solutions

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### NEW QUESTION 1

Your customer IS interested in me new MSA storage array and asks tor 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

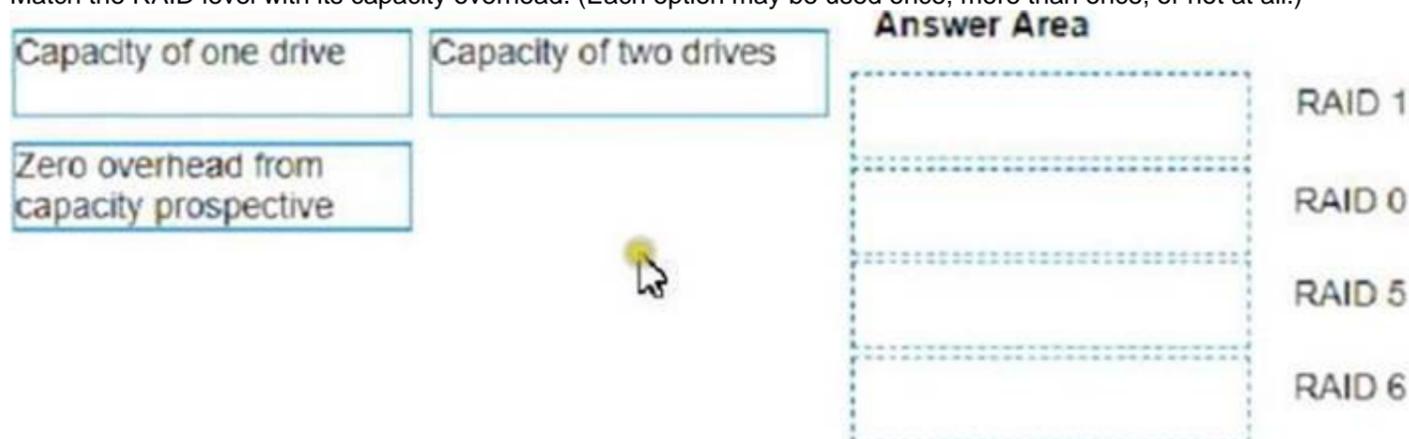
**Answer:** A

#### 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 array1s. With SMU, you can demonstrate the features and monitoring capabilities of the new MSA storage array to your customer.

### NEW QUESTION 2

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



- 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 lost12.
- 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 half12.
- RAID 5: This level has capacity of one drive as overhead, as it uses disk striping with parity to distribu 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 data12.
- RAID 6: This level has capacity of two drives as overhead, as it uses disk striping with double parity t 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 data12.

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

### NEW QUESTION 4

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 tor what is used.
- B. The HPE GreenLake platform is always managed by HPE, reducing the need for internal IT staff.
- C. HPE active-ty 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. HPF GreenLake provides a larger hardware portf01i0 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 5**

Your customer needs to consolidate data and add additional block-based storage to their man document management application. They nave 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 1. A SAN allows multiple servers to access shared pools of storage devices, such as disk arrays or tape libraries1. A SAN can help your customer consolidate data and add additional block-based storage to their main document management application.

**NEW QUESTION 6**

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 7**

Match each HPE tool with its business value.

| Tool                           | Business Value   |
|--------------------------------|--|
| HPE Product Bulletin           | Accurately size and efficiently deliver world-class solutions on HPE GreenLake Lighthouse, which powers HPE GreenLake Cloud Services and HPE Infrastructure. |
| HPE CloudPhysics               | Aides with the purchase, sale, and support of HPE solutions by providing technical overviews and specifications.   |
| Solution Sales Enablement Tool | Provides curated information about HPE strategy and solutions as well as sales, marketing, and technical information aligned to specific solutions.          |
| HPE Seismic                    | Provides data-driven insights to improve IT performance, ROI, and data protection through analysis of IT metadata.   |

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

- HPE Product Bulletin:Aides with the purchase, sale, and support of HPE solutions by providing technical overviews and specifications.
- HPE CloudPhysics:Provides data-driven insights to improve IT performance, ROI, and data protection through analysis of IT metadata.

- Solution Sales Enablement Tool: Provides curated information about HPE strategy and solutions as well as sales, marketing, and technical information aligned to specific solutions.
- HPE Seismic: Accurately size and efficiently deliver world-class solutions on HPE GreenLake Lighthouse, which powers HPE GreenLake Cloud services and HPE infrastructure.
- HPE CloudPhysics: <https://www.hpe.com/us/en/storage/cloudphysics.html>
- Solution Sales Enablement Tool: <https://sset.ext.hpe.com/>
- HPE Seismic: <https://www.hpe.com/us/en/newsroom/blog-post/2021/02/hpe-reimagines-customer-and-partner-e>

**NEW QUESTION 8**

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 9**

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 10**

Map the HPE platform and workload-oriented solutions with the customer's challenge.

| Solution                                | Challenge  |
|---|--|
| Containers solutions                    | Unify operations and management                        |
| Data Management and Analytics solutions | Provide stability to scale anywhere                    |
| Hybrid Cloud solutions                  | Improve user experience while managing costs           |
| Transcoding & Visualization solutions   | Accelerate time to value from insights                 |
| VDI solutions                           | Simplify acquisition and deployment of complex systems |

- 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 anywhere  
 VDI solutions -> Improve user experience while managing costs

**NEW QUESTION 10**

Your customer needs to accelerate the performance Of their DL380 Gen10 servers running workloads on more active cores at higher Clock frequencies. The

customer wants to know if Core Boosting will help.  
What advice should you provide?

- A. It is only supported on ProLiant DL Gen11 servers.
- B. It is a software solution and has performance limitations.
- C. It is only supported on certain Intel processors.
- D. It is an AMD technology so it is unavailable to them

**Answer: C**

**Explanation:**

Core Boosting technology uses a relaxed and optimized turbo profile that adapts the processor to specific use cases, configurations, and environments. Core Boosting processors take advantage of extra server power and thermal headroom provided by an innovative HPE voltage regulator design and by cooling technologies. Consequently, systems that have Core Boosting processors can alleviate common setbacks and maximize processor computing power.

However, Core Boosting option is only supported in ProLiant Gen10 servers with certain Intel processors<sup>1</sup>.

The HPE ProLiant DL380 Gen10 server data sheet lists the supported processors for Core Boosting as:

- Intel Xeon Gold 6148 Processor (20 core, 2.4 GHz, 27.5 MB L3 cache)
- Intel Xeon Gold 6154 Processor (18 core, 3.0 GHz, 24.75 MB L3 cache)
- Intel Xeon Gold 6152 Processor (22 core, 2.1 GHz, 30.25 MB L3 cache)
- Intel Xeon Platinum 8168 Processor (24 core, 2.7 GHz, 33 MB L3 cache)

Therefore, if your customer's DL380 Gen10 servers are running workloads on more active cores at higher clock frequencies, they can benefit from Core Boosting technology if they have one of these supported Intel processors.

**NEW QUESTION 14**

You need a tool on a SAN Fabric that will deliver protocol diagnostic, fabric configuration validation with SPOCK, and assess the health of physical ports with self-healing and fabric monitoring.

It must perform end-to-end diagnostics while using predefined templates to reduce configuration errors. Which diagnostic tool should be used?

- A. HPE InfoSight
- B. On-Line Diagnostics
- C. Off-Line Diagnostics
- D. Network Orchestrator

**Answer: A**

**Explanation:**

According to the HPE website, 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 provide protocol diagnostics, configuration validation with SPOCK, and assess the health of physical ports with self-healing and fabric monitoring<sup>1</sup>. It can also perform end-to-end diagnostics while using predefined templates to reduce configuration errors<sup>1</sup>.

**NEW QUESTION 15**

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 Memory<sup>2</sup>. This means that it can support a database of 5 TB to run in memory.

**NEW QUESTION 16**

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 19**

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 IP 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 performance<sup>12</sup>.
- The DL560 is a secure 2P 2U server delivering world-class compelling performance with the right balance of expandability and scalability<sup>12</sup>.

**NEW QUESTION 22**

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 workload<sup>12</sup>.

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 workload<sup>1</sup>.
- 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 optimized<sup>1</sup>.
- 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 optimized<sup>1</sup>.
- 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 25**

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

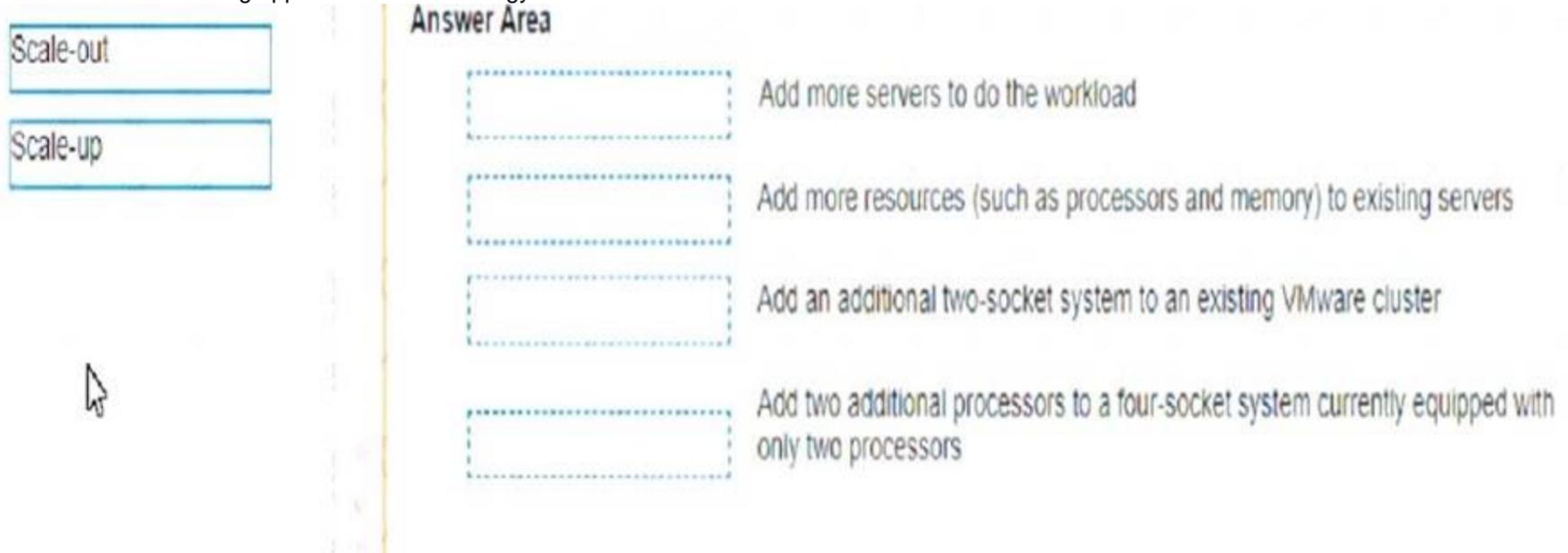
**Answer:** D

**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 30**

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 32**

Your customer wants a new server for 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 33**

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 36**

You connect to the compute ops Management (COM) through the Green lake Cloud Platform dashboard. The server you want to manage is missing. Click where you can add the server so it appears in the CoM.

**Featured Applications**

The screenshot shows the HPE GreenLake dashboard. Under 'Featured Applications', there are four cards: 'Aruba Central' (Network management system), 'Data Services Cloud Console' (Data Services Cloud Console), 'Compute Ops Management' (Securely manage your compute infrastructure), and 'HPE GreenLake Central' (Manage your cloud services and view usage, cost, and more). Each card has a 'Launch' or 'Get Started' button. Below these are 'HPE InfoSight' (AI-driven intelligence) and 'HPE GreenLake Developer Portal' (Integrate apps and services). To the right, the 'Recommended for You' section features 'HPE GreenLake for Aruba networking' (In-depth intelligence and insights on your network-as-a-service consumption) with a 'Learn More' button.

**Quick Actions**

The 'Quick Actions' section contains two main items: 'Invite Users' (Send a sign-up link to users so you can collaborate with your team) with a 'Send an Invite' button, and 'Assign User Access' (Assign a custom role or built-in roles to your team) with an 'Assign Roles' button. To the right, there is a 'Get the latest news about HPE GreenLake' section with a 'Subscribe Now' button.

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

**Featured Applications**

This is a detailed view of the 'Featured Applications' section. The 'Aruba Central' card is highlighted with a dashed black box around its 'Get Started' button. The other cards and the 'Recommended for You' section are also visible, matching the first screenshot.

**Quick Actions**

This is a detailed view of the 'Quick Actions' section, showing the 'Invite Users' and 'Assign User Access' buttons, and the 'Subscribe Now' button for the news section.

**NEW QUESTION 37**

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.

**Information - iLO Overview**

Navigation: Overview, Security Dashboard, Session List, iLO Event Log, Integrated Management Log, Security Log, Active Health System Log, Diagnostics

| Server               |                                      | iLO                        |                          |
|----------------------|--------------------------------------|----------------------------|--------------------------|
| Product Name         | ProLiant DL360 Gen10                 | IP Address                 | 15.194.45.181            |
| Server Name          | h5171.wswedunet.hpe.com              | Link-Local IPv6 Address    | FE80:B67A:F1FF:FECF:1114 |
| System ROM           | U32 v2.62 (03/08/2022)               | iLO Hostname               | h5181.wswedunet.hpe.com  |
| System ROM Date      | 03/08/2022                           | iLO Dedicated Network Port | Enabled                  |
| Redundant System ROM | U32 v2.50 (05/24/2021)               | iLO Shared Network Port    | Disabled                 |
| Server Serial Number | CZJ1410057                           | iLO Virtual NIC            | Disabled                 |
| Product ID           | 867959-B21                           | License Type               | iLO Advanced             |
| UUID                 | 39373638-3935-5A43-4A31-343130305337 | iLO Firmware Version       | 2.65 Feb 23 2022         |
| Remote Console       | HTML5, NET, Java, Web Start          | iLO Date/Time              | Fri Jul 22 11:24:21 2022 |

| Status                    |                |
|---------------------------|----------------|
| Server Health             | OK             |
| Health LED                | OK             |
| iLO Health                | OK             |
| iLO Security              | Risk           |
| Server Power              | OFF            |
| UID Indicator             | UID OFF        |
| Trusted Platform Module   | Not Present    |
| microSD Flash Memory Card | Not Present    |
| Connection to HPE         | Not registered |
| AMS                       | Not available  |

- 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 42**

Your customer needs help 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

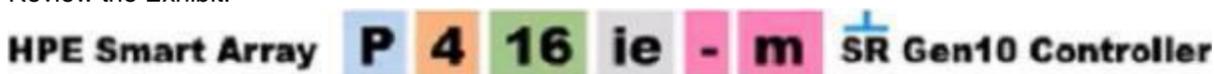
**Explanation:**

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.

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

**NEW QUESTION 47**

Review the Exhibit:



Match the definition to each colored boxed acronym from the image.

**Answer Area**

| Box  | Definition                    |
|------|-------------------------------|
| "p"  | Class of Raid Controller      |
| "4"  | Controller Type (form factor) |
| "16" | Number of SAS lanes           |
| "ie" | Port Type                     |
| "m"  | Smart Array Series            |

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

p: Class of Raid Controller 4: Number of SAS lanes 16: Smart Array Series

ie: Port Type

m: Controller Type (form factor)

HPE Smart Array P416ie-m SR Gen10 Controller is a flexible Smart Array controller that provides enterprise-class storage performance, increased internal scalability with SAS Expander Card, and data protection for HPE Synergy Compute Modules. The controller has these features:

- > p: The P stands for Performance class, which indicates that the controller has high performance and reliability for demanding workloads.
- > 4: The 4 indicates that the controller has four SAS lanes per port, which means that it can support up to four SAS devices per port.
- > 16: The 16 indicates that the controller belongs to the 16th generation of Smart Array controllers, which offer enhanced security, performance, and manageability.
- > ie: The ie stands for internal/external, which means that the controller has both internal and external ports. The internal ports connect to the drives inside the compute module, while the external ports connect to the SAS Expander Card or external storage devices.
- > m: The m stands for mezzanine, which means that the controller is a mezzanine card that plugs into a dedicated slot on the compute module.

**NEW QUESTION 51**

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 55**

A customer needs an open-source container orchestration system that supports cloud-native applications and provides support for containers with persistent storage at the same time.

Which platform should you recommend?

- A. Kubernetes
- B. openstack Neutron
- C. Hadoop
- D. Hortonworks Data Platform

**Answer:** A

**Explanation:**

Kubernetes is an open-source system for automating deployment, scaling, and management of containerized applications. It groups containers that make up an application into logical units for easy management and discovery. Kubernetes supports cloud-native applications that are designed to run on distributed and dynamic environments.

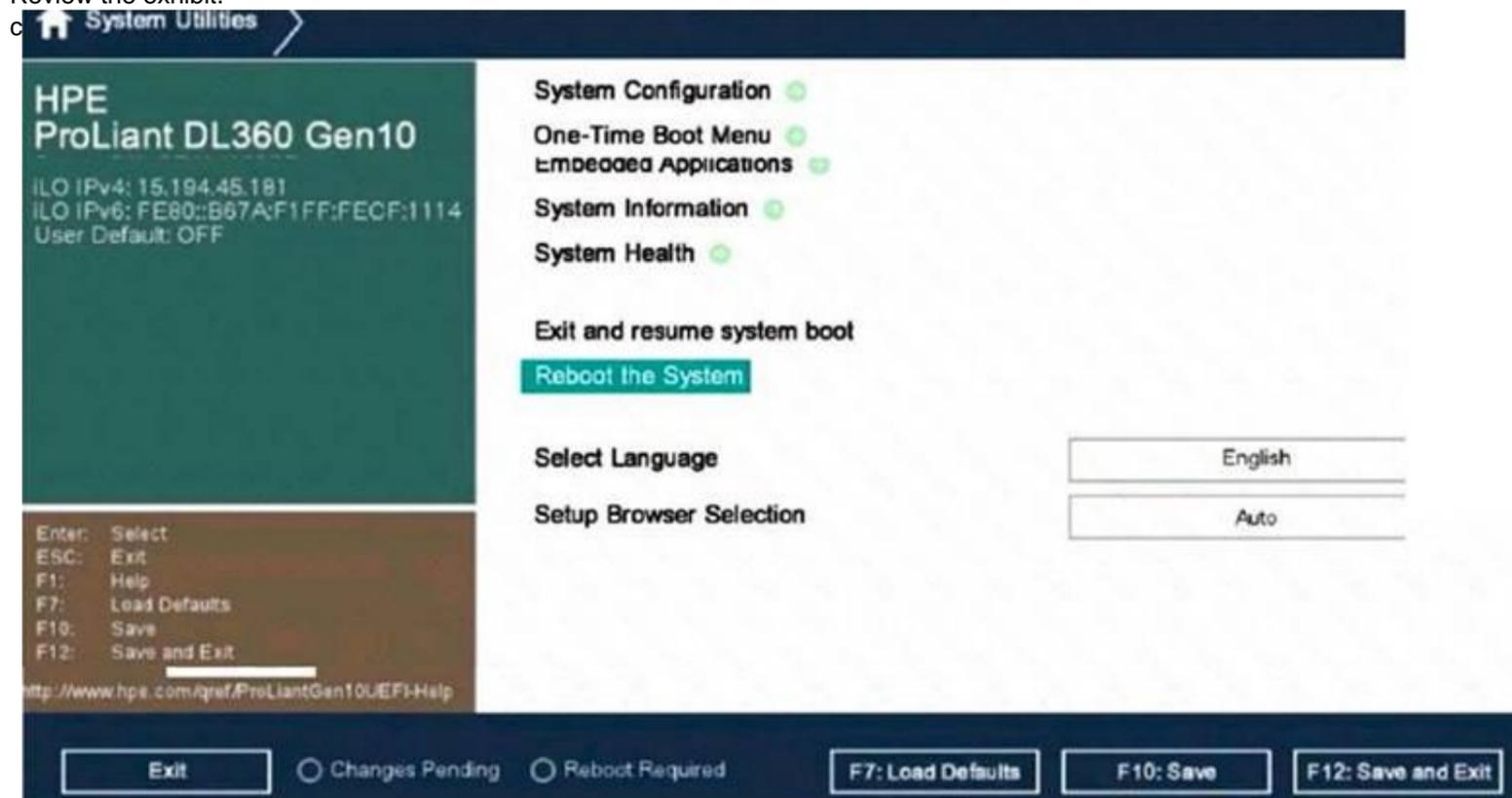
Kubernetes also supports containers with persistent storage by providing various options such as:

- > Persistent Volumes: These are abstracted storage resources that can be provisioned by administrators and consumed by users without worrying about the underlying storage implementation.
- > Persistent Volume Claims: These are requests for storage by users that can be dynamically or statically bound to Persistent Volumes.
- > Storage Classes: These are ways to describe different kinds of storage offered by a cluster, such as SSD or HDD, performance or capacity, etc.
- > Volume Snapshots: These are point-in-time copies of Persistent Volumes that can be used for backup or restoration purposes.

➤ Container Storage Interface: This is a standard interface that allows Kubernetes to communicate with various storage vendors and plugins.

**NEW QUESTION 56**

Review the exhibit.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
F10 Save

**NEW QUESTION 59**

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 63**

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 68**

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## Relate Links

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