

# Practice Exam Questions



**Hewlett Packard**  
Enterprise



HPE0-V25

## HPE Hybrid Cloud Solutions



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## **Exam HPE0-V25**

**HPE Hybrid Cloud Solutions**

**Version: 3.0**

**[ Total Questions: 60 ]**

**Question No : 1**

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: C,E**

**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.

**Question No : 2**

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<sup>2</sup>.

**Question No : 3**

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<sup>2</sup> 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.

**Question No : 4**

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.

**Question No : 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>.

**Question No : 6**

your customer has a small office with five employees and needs a tower server for a File & print workload.

Which server series should they use?

- A. Apollo Series
- B. ML series
- C. Synergy Series
- D. DL series

**Answer: B**

**Question No : 7**

You are explaining hardware health monitoring features of an HPE ProLiant DL380 Gen9 Plus server. you need to show 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.

**Question No : 8**

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.

**Question No : 9 DRAG DROP**

Your customer asks you to explain the benefits that the HPE GreenLake consumption 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

**Answer:**

Benefit		Outcome
Managed by HPE and HPE Partners	Self-service	Provides customers with a simple point-and-click automated provisioning
Pay-per-use	Pay-per-use	Provides financial flexibility for customers, frees up capital, and provides better control costs
Scale up and down	Scale up and down	Manages capacity ahead of demand and allows customers to easily add resources when they are needed
Self-service	Managed by HPE and HPE Partners	Allows customer IT employees to be more productive within an organization

**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-transforming-networks/>



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: A,D**

**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.

**Question No : 11 DRAG DROP**

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 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 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>.

**Question No : 12**

your customer is looking for a reference architecture from HPE.

Which tool can translate their requirements a validated configuration?

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

**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.

**Question No : 13**

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**

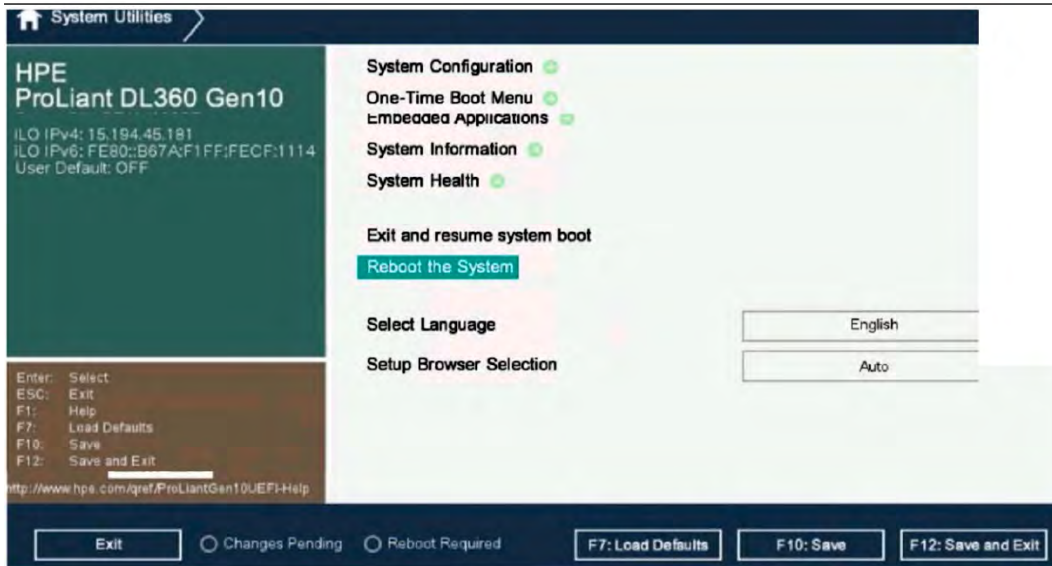
**Explanation:**

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.<sup>1</sup> It can help troubleshoot a Layer 3 network routing issue by identifying where the packets are dropped or delayed.

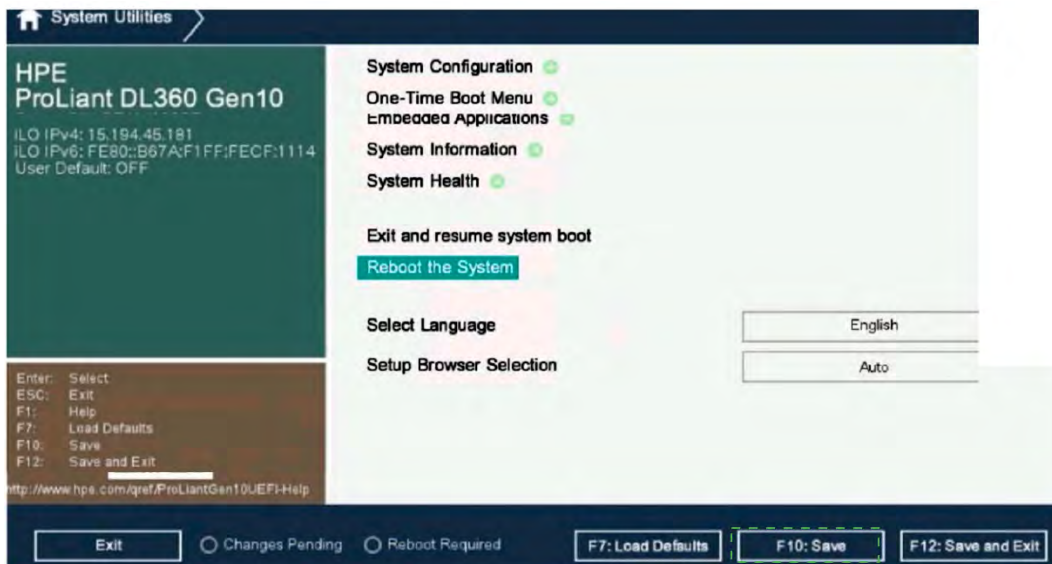
**Question No : 14 HOTSPOT**

Review the exhibit.

Click where you can access intelligent provisioning.



Answer:



### Question No : 15

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>.

**Question No : 16 DRAG DROP**

Match the correct scaling approach to each strategy

**Answer:**
**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.

**Question No : 17**

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 arrays<sup>1</sup>. With SMU, you can demonstrate the features and monitoring capabilities of the new MSA storage array to your customer.

**Question No : 18**

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 networking<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.

**Question No : 19**

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