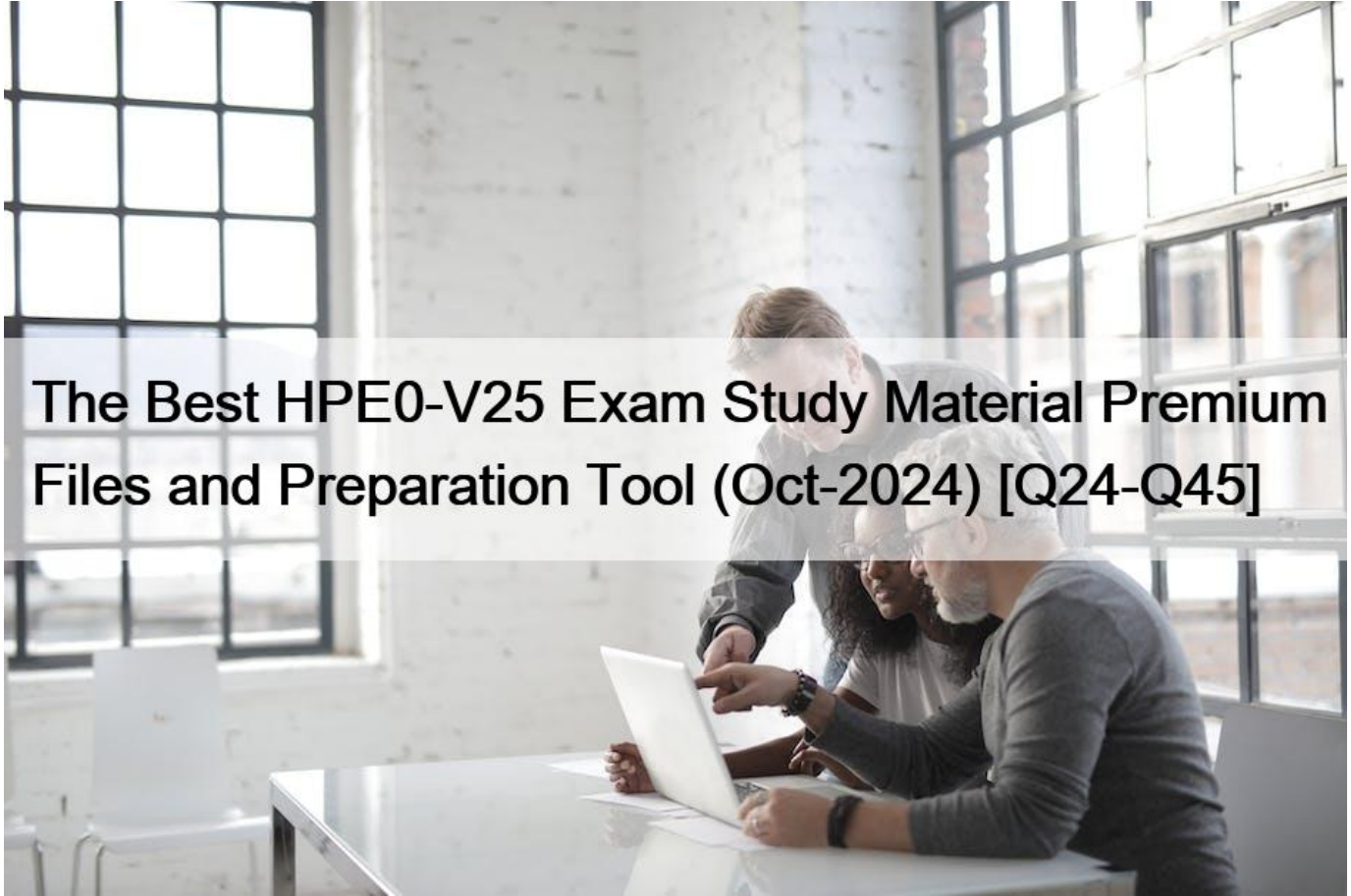


The Best HPE0-V25 Exam Study Material Premium Files and Preparation Tool (Oct-2024) [Q24-Q45]



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Passing the HP HPE0-V25 exam is essential for IT professionals who want to demonstrate their expertise in the field of hybrid cloud solutions. It is also a valuable credential for employers who are looking for skilled IT professionals to lead their cloud computing initiatives.

Q24. your customer runs a small datacenter ana their storage requirements change on a month-to-month basis. They want to easily monitor their Cloud costs/usage and grow their resources.

Which self-service platform will fill their requirements?

- * HPE InfoSight
- * HPE GreenLake central
- * HPE GreenLake Data Services Cloud Console
- * HPE Compute Ops Management

Explanation

HPE GreenLake Central is a self-service platform that gives customers a consistent cloud experience for all their applications and data, across edges, colocations, and data centers. Some of the features of HPE GreenLake Central include:

- * Easily monitor cloud costs and usage: HPE GreenLake Central provides customers with visibility and control over their cloud spending and consumption across hybrid environments. Customers can view their usage and costs by service, location, application, or business unit. They can also set budgets, alerts, and policies to optimize their cloud resources and expenses.
- * Grow resources as needed: HPE GreenLake Central enables customers to scale up or down their cloud services and resources as their business needs change. Customers can access a catalog of cloud services from HPE and partners through a self-service portal and order them with a few clicks. They can also leverage buffer capacity that is ready to use in minutes, not months.

Q25. A customer is setting up a remote office that has 4TB of shared storage and 5 Windows clients along with basic networking services. What cost-effective solution should you recommend?

- * HPE ProLiant DL380 Gen10 Plus
- * HPE ProLiant MicroServer Gen10 Plus
- * HPE StoreOnce 3660
- * HPE StoreOnce VSA

HPE ProLiant MicroServer Gen10 Plus: This server is designed for small and remote offices. It offers sufficient storage capacity and is cost-effective for small-scale deployments. It supports essential networking services and is suitable for environments with limited IT resources. The MicroServer Gen10 Plus is a compact and economical choice that provides the necessary performance and features for a small office setup.

Reference:

HPE ProLiant MicroServer Gen10 Plus

Q26. You are explaining hardware health monitoring features of an HPE ProLiant DL380 Gen10 Plus server. You need to show how historical events can be viewed, including fan and power supply failures.

Where can this information be found?

- * Integrated Management Log
- * iLO Event
- * HPE Data Ops Manager
- * Data Services Cloud Console

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.

Q27. An HPE ProLiant DL380 Gen10 Plus server had a power supply issue, and it failed to alert the customer and create a case with HPE support.

What additional step is required to activate this feature?

- * Add the server to the existing iLO 5 Federation
- * Apply the iLO 5 Advanced License
- * Connect the server to an HPE Remote Support Host Server
- * Enable the Remote Console within iLO 5

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

Q28. your customer wants to update the firmware for multiple HPE proLiant MicroServer Gen10 Plus servers.

Which tool must be used?

- * HPE Composer
- * HPE Data Services Cloud console
- * HPE iLO 5
- * HPE GreenLake central

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 world¹. It also provides firmware update capabilities for HPE ProLiant MicroServer Gen10 Plus servers². With iLO 5, you can demonstrate how to update the firmware for multiple servers easily and securely.

Q29. 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.

iLO 5
2.65 Feb 23 2022

- Information
- System Information
- Firmware & OS Software
- iLO Federation
- Remote Console & Media
- Power & Thermal
- Performance
- iLO Dedicated Network Port
- iLO Shared Network Port
- Remote Support
- Administration
- Security
- Management
- Lifecycle Management

Information - iLO Overview

- Overview
- Security Dashboard
- Session List
- iLO Event Log
- Integrated
- Active Health System Log
- Diagnostics

Server

Product Name	ProLiant DL360 Gen10
Server Name	h5171.wsw.edunet.hpe.com
System ROM	U32 v2.62 (03/08/2022)
System ROM Date	03/08/2022
Redundant System ROM	U32 v2.50 (05/24/2021)
Server Serial Number	EJ141007
Product ID	867959-B21
UUID	89313678-3175-5A43-4A31-343130305337
Remote Console	HTML5 .NET Java Web Start

iLO

IP Address
Link-Local IPv6
iLO Home IP
iLO Dedicated IP
iLO Shared Net
iLO Virtual NIC
License Type
iLO Firmware V
iLO Date/Time

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

The screenshot displays the HPE iLO 5 web interface. On the left, a dark sidebar contains a menu with the following items: Information, System Information, Firmware & OS Software, iLO Federation, Remote Console & Media, Power & Thermal, Performance, iLO Dedicated Network Port, iLO Shared Network Port, Remote Support, Administration (highlighted with a red box), Security, Management (highlighted with a red box), and Lifecycle Management. The main content area is titled "Information - iLO Overview" and features a navigation bar with tabs for Overview, Security Dashboard, Session List, iLO Event Log, and Integrated. Below the navigation bar, there are two sub-sections: "Server" and "iLO". The "Server" section lists various attributes such as Product Name (ProLiant DL360 Gen10), Server Name (h5171.wsw.edunet.hpe.com), System ROM (U32 v2.62 (03/08/2022)), System ROM Date (03/08/2022), Redundant System ROM (U32 v2.50 (05/24/2011)), Server Serial Number (EJ141007), Product ID (867959-B21), and UUID (39313678-3175-5A43-4A31-343130305337). The "iLO" section lists attributes like IP Address, Link-Local IPv6, iLO Home in a, iLO Dedicated N, iLO Shared Net, iLO Virtual NIC, License Type, iLO Firmware V, and iLO Date/Time. A "Status" section at the bottom provides a summary of system health: 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), and AMS (Not available).

Q30. How does HPE Aruba help organizations improve their network security?

- * By providing advanced analytics and machine learning capabilities
- * By offering a range of network security solutions, including firewalls and intrusion prevention systems
- * By providing cloud-based network security solutions

HPE Aruba offers a range of network security solutions, including firewalls, intrusion prevention systems, and secure access solutions. These solutions enable organizations to improve their network security by providing advanced threat detection and

prevention capabilities, as well as secure access to network resources. HPE Aruba also provides advanced analytics and machine learning capabilities, making it easier for organizations to detect and respond to security threats in real-time.

Q31. How does HPE Ezmeral Container Platform help organizations deploy and manage containerized applications?

- * By providing a unified control plane for managing containers across multiple environments
- * By providing advanced analytics and machine learning capabilities
- * By providing a high-performance storage solution

HPE Ezmeral Container Platform is a container management platform that provides organizations with a unified control plane for managing containers across multiple environments, including on-premises, cloud, and edge. It enables organizations to deploy and manage containerized applications at scale, providing real-time monitoring and management capabilities, as well as support for automation and orchestration. HPE Ezmeral Container Platform also provides advanced security and compliance capabilities, making it easier for organizations to secure their containerized applications.

Q32. Your customer runs a small datacenter and their storage requirements change on a month-to-month basis. They want to easily monitor their Cloud costs/usage and grow their resources.

Which self-service platform will fill their requirements?

- * HPE InfoSight
- * HPE GreenLake central
- * HPE GreenLake Data Services Cloud Console
- * HPE Compute Ops Management

HPE GreenLake Central is a self-service platform that gives customers a consistent cloud experience for all their applications and data, across edges, colocations, and data centers. Some of the features of HPE GreenLake Central include:

• Easily monitor cloud costs and usage: HPE GreenLake Central provides customers with visibility and control over their cloud spending and consumption across hybrid environments. Customers can view their usage and costs by service, location, application, or business unit. They can also set budgets, alerts, and policies to optimize their cloud resources and expenses.

• Grow resources as needed: HPE GreenLake Central enables customers to scale up or down their cloud services and resources as their business needs change. Customers can access a catalog of cloud services from HPE and partners through a self-service portal and order them with a few clicks. They can also leverage buffer capacity that is ready to use in minutes, not months.

Q33. Your customer needs help troubleshooting a Layer 3 network routing issue.

Which command should you use?

- * show LLDP neighbor-info
- * traceroute
- * show startup-config
- * config-router

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.

Q34. Your customer needs a server a maximum Of two processors that will provide high performance, manageability, expansion, and security.

Which server should you recommend?

- * DL560

- * DL380
- * DL110
- * DL20

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

Q35. you need to explain how the HPE GreenLake platform can help your customers business become more agile.

What information you provide? (Select two)

- * customers can control costs Since advanced metering allows them to only pay for what is used.
- * The HPE GreenLake platform is always managed by HPE, reducing the need for internal IT staff.
- * HPE actively monitors, manages, and deploys capacity ahead of demand so the customer can scale With ease within an installed buffer
- * HPE GreenLake provides infinite scale to the customer at no additional cost with its scale up policy.
- * HPE GreenLake provides a larger hardware portfolio than traditional HPE hardware solutions

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.

Q36. Which of the following is a key benefit of HPE SimpliVity?

- * Reduced storage requirements through data deduplication
- * Improved network performance through software-defined networking
- * Increased flexibility through containerization
- * Improved scalability through serverless computing

Data deduplication is a technique used to reduce storage requirements by identifying and eliminating duplicate data. HPE SimpliVity features data deduplication as a key benefit, which can result in significant cost savings and improved storage efficiency.

Q37. Your customer needs the flexibility of an HPE GreenLake solution that can report on the usage, spending and capacity planning of their workloads Which tool will provide this information?

- * HPE GreenLake Intent Based Provisioning
- * HPE GreenLake for Compute Ops Management
- * HPE GreenLake Central
- * HPE GreenLake Data Ops Manager

HPE GreenLake Central: HPE GreenLake Central is a management tool designed to provide a unified view of the usage, spending, and capacity planning across all workloads managed under HPE GreenLake. It offers comprehensive reporting and analytics, making it ideal for managing and optimizing hybrid IT environments.

Reference:

HPE GreenLake Central

Q38. your customer requires a server that can support a database Of 5TB to run in memory.

Which HPE server family should you recommend?

- * DL385 Gen10 plus v2
- * APollo 4510 Gen10 Plus V2
- * DL560 Gen10
- * DL345 Gen10 Plus

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.

Q39. A customer with a new HPE MSA 2060 Gen6 array wants to ensure that best practices were followed when they installed and set it up.

Which HPE product will meet the customer requirements?

- * HPE SMU v4 Health check
- * HPE InfoSight
- * HPE OneView Standard
- * HPE MSA Health Check Tool

HPE MSA Health Check Tool is a web-based tool that provides a comprehensive health check of an HPE MSA 1060/2060/2062 storage array. The tool analyzes the array configuration, performance, and logs and provides a detailed report with recommendations based on HPE best practices. The tool can also generate a support ticket if any issues are detected. The HPE MSA Health Check Tool is available for download from the HPE Support Center website. The tool requires an active warranty or support contract for the array.

Q40. How does HPE OneView help organizations manage their infrastructure?

- * By providing a centralized management interface
- * By automating server provisioning
- * By optimizing storage performance

HPE OneView is a management platform that helps organizations manage their infrastructure resources from a single, centralized interface. It provides a unified view of infrastructure resources across the data center, enabling organizations to monitor and manage their infrastructure more efficiently. HPE OneView also supports automation and orchestration, making it easier for organizations to provision and manage their infrastructure resources at scale.

Q41. 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?

- * HPE Superdome Flex platform
- * HPE Ezmeral Container platform
- * HPE GreenLake platform
- * HPE Apollo Systems

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.

Q42. Your customer wants a new server for a File & print workload.

What are the most important factors to consider? (Select two.)

- * support level
- * power supply wattage
- * storage capacity
- * transfer rate
- * form factor

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.

Q43. 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.

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Network management system designed to simplify the deployment and maintenance of Aruba wired and wireless infrastructure at scale
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Q44. You need to provide a centralized platform for TapeAssure Advanced reporting and Data Verification analysis. Remote management, diagnostics, and configuration for all MSL devices are also required.

What HPE utility should you use?

- * HPE StoreOnce
- * Command View for Tape Libraries
- * Smart Storage Administrator
- * Library and Tape Tools

Library and Tape Tools (L&TT): HPE Library and Tape Tools is a diagnostic and management utility designed for tape storage products. It provides a centralized platform for TapeAssure Advanced reporting, data verification analysis, remote management, diagnostics, and configuration for all MSL (Modular Smart Libraries) devices.

Reference:

HPE Library and Tape Tools

Q45. 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?

- * Solution sales Enablement Tool
- * selective Storage presentation
- * TCO/ROI Calculator
- * Smart CID

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. It can help you demonstrate how a server refresh can reduce costs, improve performance, and increase efficiency for your customer.

HPE0-V25 certification exam is designed to validate the skills and knowledge of IT professionals who specialize in hybrid cloud solutions. HPE Hybrid Cloud Solutions certification is offered by HP and focuses on the latest technologies and best practices for implementing hybrid cloud solutions. HPE0-V25 exam covers a broad range of topics, including cloud computing, virtualization, storage, networking, and security.

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