

2024 Updated Verified HPE0-V25 Downloadable Printable Exam Dumps [Q42-Q65]



2024 Updated Verified HPE0-V25 Downloadable Printable Exam Dumps
The Ultimate HP HPE0-V25 Dumps PDF Review

Q42. Review the exhibit.

Click where you can access intelligent provisioning.

System Utilities

HPE ProLiant DL360 Gen10

ILO IPv4: 15.194.45.181
ILO IPv6: FE80::B67A:F1FF:FECE:1114
User Default: OFF

Enter: Select
ESC: Exit
F1: Help
F7: Load Defaults
F10: Save
F12: Save and Exit

<http://www.hpe.com/qref/ProLiantGen10UEFI-Help>

- System Configuration
- One-Time Boot Menu
- Embedded Applications
- System Information
- System Health

Exit and resume system boot

Reboot the System

Select Language: English

Setup Browser Selection: Auto

Exit Changes Pending Reboot Required F7: Load Defaults F10: Save

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Explanation

F10 Save

Q43. Your customer needs to consolidate data and add additional block-based storage to their main document management application. They have five standalone servers with 10Gb networking. Which storage technology should you recommend?

- * Network File System
- * Storage Area
- * Direct Attached
- * Network Attached Storage

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 libraries. A SAN can help your customer consolidate data and add additional block-based storage to their main document management application.

Q44. Are HPE Pointnext Services focused solely on consulting and design services?

- * Yes
- * No

HPE Pointnext Services offers a wide range of services, including consulting, design, implementation, and support, all of which can be customized to meet the specific needs of each organization. The services are designed to help organizations optimize their IT environments and improve business outcomes.

Q45. You are preparing a proposal to refresh your customer's 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 shows the value of the purchase to your customer?

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

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

Q46. How does HPE SimpliVity help to reduce data center complexity?

- * By providing a unified interface for managing resources across multiple clouds
- * By implementing a software-defined networking solution
- * By using hyperconverged infrastructure to combine storage, compute, and virtualization
- * By providing a pay-per-use pricing model for cloud services

Hyperconverged infrastructure (HCI) is a technology that combines storage, compute, and virtualization into a single platform, simplifying data center operations and reducing complexity. HPE SimpliVity is an HCI solution that provides advanced data services, such as data deduplication and compression, to help organizations reduce costs and improve efficiency.

Q47. Is HPE ProLiant a server platform?

- * Yes
- * No

HPE ProLiant is a server platform that provides a range of server solutions for different use cases and workloads. It includes tower, rack, and blade servers that provide scalable performance and high availability for demanding workloads.

Q48. Which of the following is a key feature of HPE Nimble Storage?

- * Software-defined networking
- * Data deduplication
- * Containerization
- * Serverless computing

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

Q49. Which of the following is a characteristic of multi-tenancy in cloud computing?

- * Each tenant has their own dedicated hardware infrastructure.
- * Each tenant has their own dedicated software infrastructure.
- * Tenants share the same hardware infrastructure.
- * Tenants share the same software infrastructure.

In a multi-tenant environment, multiple customers (tenants) share the same hardware infrastructure, such as servers and storage devices. However, each tenant's data and applications are isolated and protected from other tenants through virtualization and other security measures.

Q50. How does HPE OneView simplify IT operations?

- * By automating manual tasks
- * By reducing hardware costs
- * By increasing network bandwidth

HPE OneView is a management platform that simplifies IT operations by automating manual tasks such as provisioning, monitoring, and updating infrastructure resources. It reduces the risk of human error and enables IT teams to be more agile and responsive to business needs.

Q51. 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

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.

Q52. Over the next two years, your customer Plans to expand from 25 to 75 employees. They currently have limited space in the server rack and will need to purchase additional servers as the business grows.

Which server type Should you recommend?

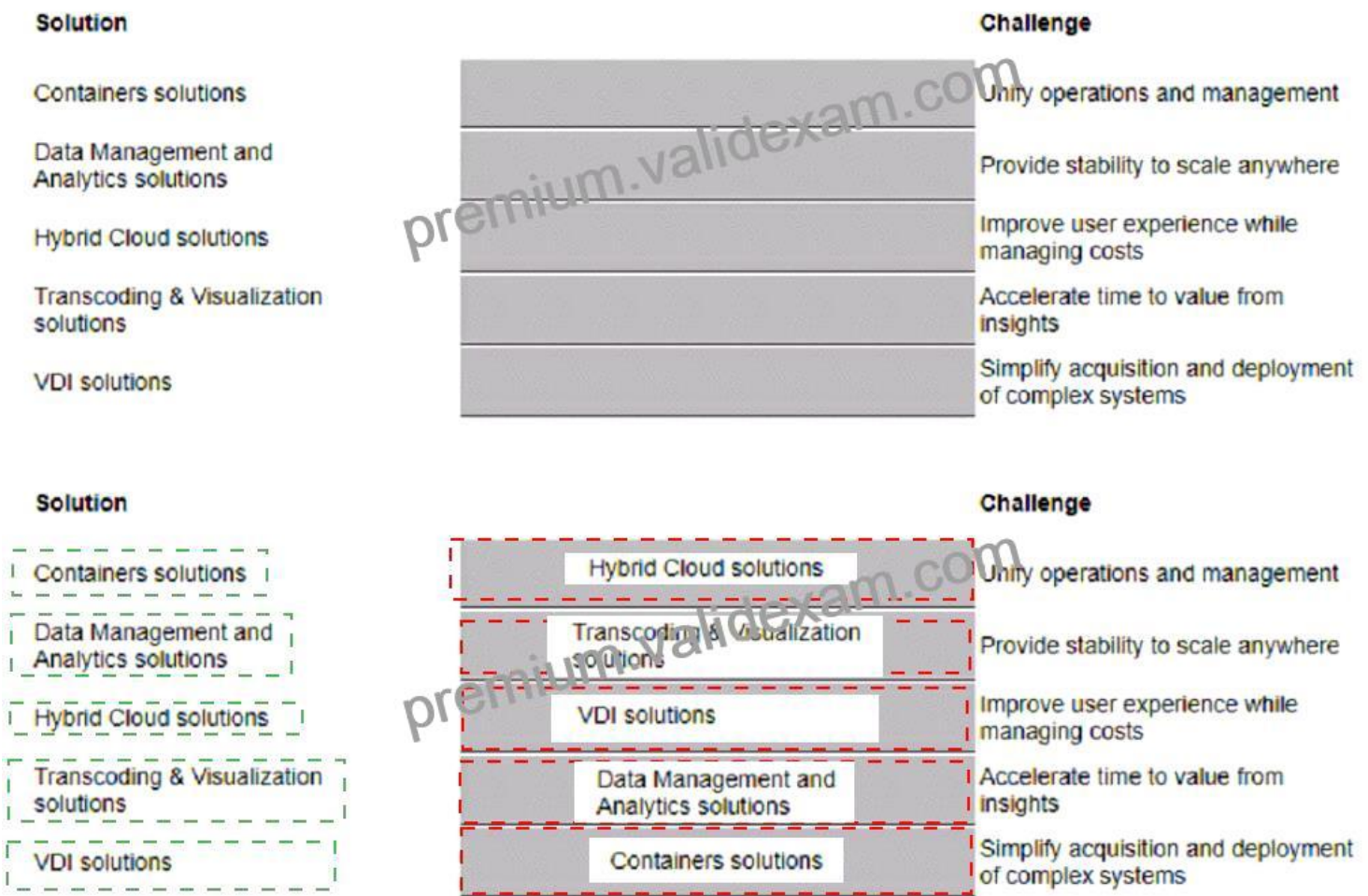
- * Synergy12000

- * ML 350
- * DL360
- * Apollo 4200

Explanation

This is because the HPE ProLiant DL360 Gen10 server is a rack server that delivers security, agility and flexibility without compromise. It supports the Intel Xeon Scalable processor with up to a 60% performance gain and 27% increase in cores, along with 2933MT/s HPE DDR4 SmartMemory supporting up to 3.0 TB with an increase in performance of up to 82%.¹ It also has a small footprint and can fit in a limited space.

Q53. Map the HPE platform and workload-oriented solutions with the customer's challenge.



Explanation

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

Q54. Which of the following is a key benefit of HPE Edgeline?

- * Reduced storage requirements through data deduplication
- * Improved scalability through serverless computing

- * Enhanced network performance through software-defined networking
- * Edge computing capabilities for processing data closer to the source

Edge computing is a computing approach that enables data processing to be done closer to the source of the data, rather than in a centralized data center. HPE Edgeline provides edge computing capabilities, which can help organizations to improve performance, reduce latency, and manage data more efficiently.

Q55. 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?

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

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.

Q56. 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.

The screenshot displays the HPE GreenLake Cloud Platform dashboard. It features several key sections:

- Featured Applications:** A row of four application tiles: 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 tile includes a description, a 'Launch' button, and a link to view related products.
- Recommended for You:** A section titled 'HPE GreenLake for Aruba networking' with the subtitle 'In-depth intelligence and insights on your network-as-a-service consumption.' It includes a 'Learn More' button.
- Quick Actions:** A section with two action items: 'Invite Users' (Send a sign-up link to users so you can collaborate with your team) and 'Assign User Access' (Assign a custom role or built-in roles to your team). Both have corresponding buttons.

Featured Applications

The screenshot displays the HPE GreenLake user interface. It features several application cards under the 'Featured Applications' section: '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). Below these are 'HPE InfoSight' (AI-driven intelligence) and 'HPE GreenLake Developer Portal' (Integrate apps and services). A 'Quick Actions' section includes 'Invite Users' (Send a sign-up link) and 'Assign User Access' (Assign a custom role). On the right, there is a 'Recommended for You' section for 'Aruba networking' and a 'Get the latest news about HPE GreenLake' section with a 'Subscribe Now' button.

Q57. 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?

- * Single-mode fiber optic cable
- * Flex fiber cable
- * Multimode fiber optic cable
- * Polymer optical fiber cable

Explanation

* https://en.wikipedia.org/wiki/Fibre_Channel

* <https://www.techtarget.com/searchnetworking/tutorial/Network-cable-history-and-fundamentals-Cabling-t>

* https://fibrenchannel.org/wp-content/uploads/2016/04/Fibre_Channel_Connectivity_White_Paper_04-06-16 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.

Q58. An HPE ProLiant DL380 Gen10 Plus server has 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

Explanation

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

Q59. Is HPE GreenLake a hybrid cloud offering?

- * Yes
- * No

HPE GreenLake is a hybrid cloud offering that provides organizations with a flexible and cost-effective approach to IT resource provisioning. It enables organizations to consume IT resources on a pay-per-use basis, whether those resources are located on-premises, in the cloud, or at the edge. HPE GreenLake supports a range of cloud services, including infrastructure-as-a-service (IaaS), platform-as-a-service (PaaS), and software-as-a-service (SaaS).

Q60. What is HPE Ezmeral?

- * A container management platform
- * A hybrid cloud management tool
- * A network security solution

HPE Ezmeral is a container management platform that enables organizations to deploy, manage, and scale containerized applications. It provides a unified control plane for managing containers across multiple environments, including on-premises, cloud, and edge. HPE Ezmeral also provides advanced analytics and machine learning capabilities, making it easier for organizations to extract insights from their containerized applications.

Q61. Which license is needed in an HPE SimpliVity environment where automated disaster recovery capabilities are required?

- * Veeam Backup & Replication
- * VMware Site Recovery Manager
- * HPE Peer Persistence
- * HPE RapidDR

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 virtualization

Q62. 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?

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

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

. 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.

Q63. Are HPE ProLiant servers designed for high-performance computing workloads?

- * Yes
- * No

HPE ProLiant servers are designed to deliver high performance, scalability, and reliability, making them an ideal choice for high-performance computing workloads. They provide advanced computing capabilities, including support for high-performance processors, high-speed networking, and large-scale memory configurations. HPE ProLiant servers also provide advanced management capabilities, making it easier for organizations to deploy and manage their servers at scale.

Q64. Which of the following is NOT a HPE hybrid cloud solution?

- * HPE OneView
- * HPE Helion
- * HPE Synergy
- * HPE SimpliVity

HPE OneView is a management tool designed to simplify the management of HPE infrastructure, including servers, storage, and networking. While it can be used in conjunction with HPE hybrid cloud solutions, it is not a hybrid cloud solution itself.

Q65. Which HPE product can be used to deploy and manage hybrid cloud solutions?

- * HPE Helion
- * HPE ProLiant
- * HPE Nimble Storage
- * HPE 3PAR StoreServ

HPE Helion is the HPE product that can be used to deploy and manage hybrid cloud solutions. HPE Helion is a suite of cloud products and services that enables organizations to build, manage, and consume cloud services across multiple cloud environments, including public, private, and hybrid clouds.

HPE Helion provides a range of services such as infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS), as well as management and security services for hybrid cloud environments.

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