

Exam Code: HPE0-V25

Exam Name: HPE Hybrid Cloud Solutions



Exam A

QUESTION 1

You need to provide a record of historical events that occurred on the server. Which HPE tool should you use?

- A. Intelligent Provisioning
- B. RESTful Interface Tool
- C. SSD Wear Gauge
- D. Integrated Management Log

Correct Answer: D

Section:

Explanation:

Integrated Management Log (IML): The Integrated Management Log provides a detailed record of historical events that have occurred on the server. It includes hardware events, system changes, and other significant occurrences, helping administrators to diagnose issues and understand the server's history.

HPE Integrated Management Log

QUESTION 2

What is required to use remote management in a HPE ProLiant MicroServer Gen10 Plus Server?

- A. Datacenter Care support
- B. iLO Standard license
- C. HPE InfoSight
- D. iLO Enablement Kit

Correct Answer: D

Section:

Explanation:

iLO Enablement Kit: The HPE ProLiant MicroServer Gen10 Plus does not come with integrated Lights-Out (iLO) functionality by default. To enable remote management capabilities, you need to install the iLO Enablement Kit, which provides the necessary hardware and licenses for iLO functionality.

HPE ProLiant MicroServer Gen10 Plus User Guide

QUESTION 3

A customer is running a VDI environment. A large number of cores and memory capacity are required to support software applications running on virtual machines. Which server will minimize licensing, optimize cost, and meets these requirements?

- A. DL325
- B. DL385
- C. SY480
- D. DL360

Correct Answer: A

Section:

Explanation:

DL325: The HPE ProLiant DL325 is a single-socket server that offers a high number of cores and memory capacity, making it well-suited for virtual desktop infrastructure (VDI) environments. It minimizes licensing costs by



using a single processor while providing the necessary performance and scalability.
HPE ProLiant DL325 Gen10

QUESTION 4

You are preparing a proposal to refresh your customer's existing DL380 G6 and G7 servers with newer generations. Before making a decision, your customer needs to know if a refresh is worth the cost. Which option will show the value of the purchase to your customer?

- A. Solution Sales Enablement Tool
- B. Selective Storage Presentation
- C. Smart CID
- D. TCO/ROI Calculator

Correct Answer: D

Section:

Explanation:

TCO/ROI Calculator: The Total Cost of Ownership (TCO) and Return on Investment (ROI) calculator provides a detailed financial analysis that compares the costs and benefits of maintaining existing servers versus investing in new hardware. It helps customers understand the long-term value and potential savings of upgrading to newer server generations.

HPE TCO/ROI Calculator

QUESTION 5

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



Correct Answer: C

Section:

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 tools¹. Big data storage can handle various types of data, such as structured, unstructured, or semi-structured data, and provide fast and scalable access to it¹.

QUESTION 6

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

Correct Answer: A

Section:

Explanation:

QUESTION 7

Your customer is interested in the new MSA storage array and asks for a demo of the features and monitoring capabilities. Which tool should you use?

- A. HPE Storage Management Utility (SMU)
- B. HPE Data Services Cloud console (DSCC)
- C. HPE StoreServ Management console (SSMC)
- D. HPE InfoSight

Correct Answer: A

Section:

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 arrays¹. With SMU, you can demonstrate the features and monitoring capabilities of the new MSA storage array to your customer.

QUESTION 8

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?

- A. HPE InfoSight
- B. HPE GreenLake central
- C. HPE GreenLake Data Services Cloud Console
- D. HPE Compute Ops Management

Correct Answer: B

Section:

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.

QUESTION 9

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

Correct Answer: A

Section:

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 10

DRAG DROP

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

Select and Place:

Capacity of four drives	Capacity of two drives	

Answer Area

	RAID 60 with two parity groups
	RAID 50 with two parity groups
	RAID 10 with four drives
	RAID 1 ADM with three drives

Correct Answer:

Capacity of four drives	Capacity of two drives	
Capacity of four drives	Capacity of four drives	
Capacity of two drives		
Capacity of two drives		

Answer Area

Capacity of four drives	RAID 60 with two parity groups
Capacity of four drives	RAID 50 with two parity groups
Capacity of two drives	RAID 10 with four drives
Capacity of two drives	RAID 1 ADM with three drives

Section:

Explanation:

QUESTION 11

your customer wants to update the firmware for multiple HPE proLiant MicroServer Gen10 Plus servers. Which tool must be used?

- A. HPE Composer
- B. HPE Data Services Cloud console
- C. HPE ILO 5
- D. HPE GreenLake central

Correct Answer: C

Section:

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.

QUESTION 12

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

Correct Answer: D

Section:

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 dashboard¹. With HPE InfoSight, you can demonstrate how to simplify and optimize your customer's IT operations from edge to cloud.

QUESTION 13

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?

- A. Network File System
- B. Storage Area
- C. Direct Attached
- D. Network Attached Storage

Correct Answer: B

Section:

Explanation:

According to IBM, a SAN is a dedicated network that provides access to consolidated, block-level data storage¹. 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.

QUESTION 14

DRAG DROP

Match the HPE storage products to their use case.

Select and Place:



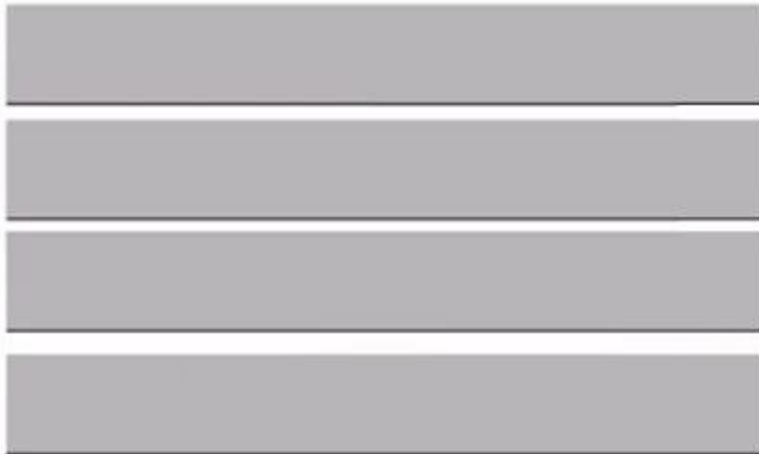
Product

HPE MSA2062

HPE SimpliVity

HPE StoreEver LTO-9 Ultrium 45000 External Tape Drive

HPE StoreOnce 3660



Use Case

Provides storage for two HPE ProLiant DL380 Gen10 servers in a branch office

Secures backup data with an air-gap separation

Enterprise HCI with integrated compute, storage, and data protection

Provides a disk-based backup functionality with efficient deduplication

Correct Answer:

Product

HPE MSA2062

HPE StoreEver LTO-9 Ultrium 45000 External Tape Drive

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Use Case

Provides storage for two HPE ProLiant DL380 Gen10 servers in a branch office

Secures backup data with an air-gap separation

Enterprise HCI with integrated compute, storage, and data protection

Provides a disk-based backup functionality with efficient deduplication

Section:

Explanation:

QUESTION 15

your customer has standardized on the AMD platform and asks for a new IJ server. Which server should you recommend?

- A. DL365
- B. DL360
- C. DL385
- D. DL560

Correct Answer: A

Section:

Explanation:

The HPE ProLiant DL365 Gen11 server is a 1U, single-processor server powered by the AMD EPYC 9004 Series processor with AMD 3D V-Cache technology. It is designed to deliver high performance, security, and scalability for diverse workloads such as virtualization, cloud computing, data analytics, and AI/ML. The HPE ProLiant DL365 Gen11 server supports up to 64 cores, 4 TB of memory, 12 NVMe drives, and 8 PCIe Gen4 slots. It also features the HPE iLO 5 controller, HPE Smart Array controllers, HPE SmartMemory, and HPE Silicon Root of Trust for enhanced management, security, and reliability. The HPE ProLiant DL360 Gen11 server is a 1U, dual-processor server

powered by the Intel Xeon Scalable processor family². It is designed to deliver performance, security, and flexibility for diverse workloads such as virtualization, cloud computing, database, and AI/ML². The HPE ProLiant DL360 Gen11 server supports up to 40 cores, 3.2 TB of memory, 10 NVMe drives, and 6 PCIe Gen4 slots². It also features the HPE iLO 5 controller, HPE Smart Array controllers, HPE SmartMemory, and HPE Silicon Root of Trust for enhanced management, security, and reliability². The HPE ProLiant DL385 Gen11 server is a 2U, dual-processor server powered by the AMD EPYC9004 Series processor with AMD 3D V-Cache technology³. It is designed to deliver high performance, security, and scalability for diverse workloads such as virtualization, cloud computing, data analytics, and AI/ML³. The HPE ProLiant DL385 Gen11 server supports up to 128 cores, 8 TB of memory, 24 NVMe drives, and 16 PCIe Gen4 slots³. It also features the HPE iLO 5 controller, HPE Smart Array controllers, HPE SmartMemory, and HPE Silicon Root of Trust for enhanced management, security, and reliability³. The HPE ProLiant DL560 Gen11 server is a 2U, four-processor server powered by the Intel Xeon Platinum processor family⁴. It is designed to deliver performance, security, and scalability for mission-critical workloads such as database, ERP, CRM, and AI/ML⁴. The HPE ProLiant DL560 Gen11 server supports up to 112 cores, 12 TB of memory, 12 NVMe drives, and 12 PCIe Gen4 slots⁴. It also features the HPE iLO 5 controller, HPE Smart Array controllers, HPE SmartMemory with Persistent Memory support (up to 6 TB), and HPE Silicon Root of Trust for enhanced management, security, and reliability⁴. Therefore, if the customer has standardized on the AMD platform and asks for a new 1U server, the best option would be the HPE ProLiant DL365 Gen11 server, which offers the highest core count (64), memory capacity (4 TB), and NVMe drive support (12) among the single-processor servers powered by AMD EPYC processors. The other servers either use Intel processors or have a larger form factor (2U).

QUESTION 16

your customer has an existing MSA 2060 with 20 SAS drives. They want to enhance the performance by adding SSD drives in the four remaining slots. What mandatory option must be sold with the four SSD drives?

- A. HPE Advanced Data services suite license
- B. HPE PointNext Advisory & professional services
- C. HPE MSA Health Check Tool
- D. HPE Data Services Cloud Console subscription

Correct Answer: A

Section:

Explanation:

According to HPE, this license enables advanced features such as performance tiering and RAID tier affinity for HPE MSA 2060 storage arrays¹. These features can help enhance the performance of SSD drives by automatically moving hot data to faster drives and keeping data on the same RAID group¹.

QUESTION 17

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

Correct Answer: D

Section:

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 server¹. Fault-tolerant memory can help prevent data corruption and loss, which are critical issues for database servers¹.

QUESTION 18

DRAG DROP

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

Select and Place:

Solution

Containers solutions

Data Management and Analytics solutions

Hybrid Cloud solutions

Transcoding & Visualization solutions

VDI solutions

Challenge

Unify operations and management

Provide stability to scale anywhere

Improve user experience while managing costs

Accelerate time to value from insights

Simplify acquisition and deployment of complex systems

Correct Answer:

Solution

Hybrid Cloud solutions	
Transcoding & Visualization solutions	
VDI solutions	
Data Management and Analytics solutions	
Containers solutions	

Challenge

Unify operations and management

Provide stability to scale anywhere

Improve user experience while managing costs

Accelerate time to value from insights

Simplify acquisition and deployment of complex systems

Section:

Explanation:

QUESTION 19

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

Correct Answer: C

Section:

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 solutions¹. It can help you demonstrate how a server refresh can reduce costs, improve performance, and increase efficiency for your customer.

QUESTION 20

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 LTU
- B. HPE MSA 1060
- C. HPF MSA 2060 with Advanced Data service (ADS) suite LTU
- D. HPE MSA 2060

Correct Answer: C

Section:

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 array). This means that it can accommodate the four existing expansion enclosures from the previous solution that have different disk sizes.

The HPE MSA 2060 also delivers up to 395,000 IOPS, which is up to 80% faster than its prior generation¹. This would be beneficial for a customer who wants to fully populate the controller enclosure with SSD drives, which are faster than HDD drives.

The Advanced Data service (ADS) suite LTU is a license that enables features such as snapshot, replication, performance tiering, virtual disk groups, and thin provisioning on the HPE MSA 2060². These features can enhance the performance, availability, and efficiency of the storage system.

QUESTION 21

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

Correct Answer: B

Section:

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 networking². GreenLake Quick Quote is a tool for creating quotes for HPE GreenLake services³. InfoSight is a tool for monitoring and managing HPE storage systems.

QUESTION 22

Which new feature is provided by the Storage Management utility v4?

- A. autonomic
- B. automatic file classification
- C. automatic installation of new recommended firmware versions
- D. easy switching of active firmware versions

Correct Answer: D

Section:

Explanation:

one of the topics covered in the module 4 of the Implementing HPE MSA Storage Solutions course is "Explain the firmware update process on MSA". This suggests that the firmware update is a maintenance task that can be performed with the Storage Management utility v4.

QUESTION 23

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

Correct Answer: B

Section:

QUESTION 24

DRAG DROP

Review the Exhibit:

HPE Smart Array **P 4 16 ie - m** SR Gen10 Controller

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

Select and Place:

Box

"P"

"4"

"16"

"ie"

"m"

Definition

Class of Raid Controller

Controller Type (form factor)

Number of SAS lanes

Port Type

Smart Array Series

Correct Answer:

Box

		Definition
"P"		Class of Raid Controller
"m"		Controller Type (form factor)
"4"		Number of SAS lanes
"le"		Port Type
"16"		Smart Array Series

Section:**Explanation:****QUESTION 25**

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

Correct Answer: B**Section:****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 26

You are troubleshooting a server issue and need to reference a log file tor 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

Correct Answer: D**Section:****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.

QUESTION 27

A customer needs an open-source container orchestration system that supports cloud-native applications and also 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

Correct Answer: A

Section:

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.

QUESTION 28

you need to explain how the HPE GreenLake platform can help your customer's business become more agile. What information do you provide? (Select two)

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

Correct Answer: A, C

Section:

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.

QUESTION 29

DRAG DROP

Match the protocol to a fundamental approach for storing data. (Each option may be used once, more than once, or not at all.)

Select and Place:

NAS	Answer Area <input type="checkbox"/> Block access using a FC protocol. <input type="checkbox"/> Block access using FCoE protocol. <input type="checkbox"/> Sharing files over industry standard protocols such as NFSv4 or SMB. <input type="checkbox"/> Block access using the iSCSI protocol.
SAN	

Correct Answer:

NAS	Answer Area <input checked="" type="checkbox"/> SAN Block access using a FC protocol. <input checked="" type="checkbox"/> SAN Block access using FCoE protocol. <input type="checkbox"/> NAS Sharing files over industry standard protocols such as NFSv4 or SMB. <input type="checkbox"/> SAN Block access using the iSCSI protocol.
SAN	

Section:

Explanation:



QUESTION 30

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.

Correct Answer: A

Section:

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

QUESTION 31

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?

- A. HPE SMU v4 Health check
- B. HPE InfoSight
- C. HPE OneView Standard
- D. HPE MSA Health Check Tool

Correct Answer: D

Section:

Explanation:

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 website¹. The tool requires an active warranty or support contract for the array.

QUESTION 32

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

Which server should you recommend?

- A. DL560
- B. DL380
- C. DL110
- D. DL20

Correct Answer: B

Section:

Explanation:

HPE ProLiant DL380 Gen10 server is a versatile 2U rack server that delivers world-class performance and security for a wide range of workloads. The server supports up to two Intel Xeon Scalable processors with up to 28 cores per processor and up to 3 TB of memory. The server also offers a range of management, expansion, and security features, such as:

HPE iLO 5 software for remote management and monitoring

HPE Smart Array controllers for RAID configuration and data protection

HPE SmartMemory for enhanced performance and reliability

HPE Flexible Slot power supplies for efficiency and redundancy

HPE FlexibleLOM adapters for network connectivity options

HPE Persistent Memory for fast data access and analytics

HPE Secure Boot and Secure Start for firmware validation and protection



QUESTION 33

Your customer has run out of storage on their Virtual environment.

How does migrating to HPE GreenLake help this customer?

- A. by implementing a reserve level to ensure there is always storage available
- B. by enabling the customer to use an installed buffer and only pay for what they use
- C. by automatically ordering more storage when capacity levels reach 90%
- D. by allowing the customer to over-provision their storage

Correct Answer: B

Section:

Explanation:

HPE GreenLake for storage is a storage-as-a-service solution that provides a cloud-like experience for on-premises storage. The solution offers:

Workload-optimized data services for file, block, backup, and disaster recovery

A cloud-based management console for simplified operations and provisioning

A consumption-based model that aligns costs with usage

A buffer capacity that is installed but not activated until needed

A pay-per-use billing that only charges for the capacity used above the reserve level

By migrating to HPE GreenLake for storage, the customer can avoid running out of storage on their virtual environment by using the buffer capacity as needed and only paying for what they use. The customer can also benefit from the flexibility, scalability, and performance of the storage services offered by HPE GreenLake.

QUESTION 34

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?

- A. HPE Superdome Flex platform
- B. HPE Ezmeral Container platform
- C. HPE GreenLake platform
- D. HPE Apollo Systems

Correct Answer: C

Section:

Explanation:

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.

QUESTION 35

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. HPE dHCI Sizer

Correct Answer: A

Section:

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 36

HOTSPOT

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.

Hot Area:



Featured Applications

Aruba Central Network management system designed to simplify the deployment and maintenance of Aruba wired and wireless infrastructure at scale. Get Started View Networking Products	Data Services Cloud Console Data Services Cloud Console Launch View Storage Products	Compute Ops Management Securely manage your compute infrastructure, wherever it lives. Launch View Compute Products	HPE GreenLake Central Manage your cloud services and view usage, cost, and more. Launch View Cloud Products
HPE InfoSight AI-driven intelligence across servers, storage, virtual machines and more. Launch	HPE GreenLake Developer Portal Integrate apps and services. Launch		

Quick Actions

Invite Users Send a sign-up link to users so you can collaborate with your team. Send an Invite	Assign User Access Assign a custom role or built-in roles to your team. Assign Roles
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Recommended for You



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Answer Area:

Featured Applications

Aruba Central Network management system designed to simplify the deployment and maintenance of Aruba wired and wireless infrastructure at scale. Get Started View Networking Products	Data Services Cloud Console Data Services Cloud Console Launch View Storage Products	Compute Ops Management Securely manage your compute infrastructure, wherever it lives. Launch View Compute Products	HPE GreenLake Central Manage your cloud services and view usage, cost, and more. Launch View Cloud Products
HPE InfoSight AI-driven intelligence across servers, storage, virtual machines and more. Launch	HPE GreenLake Developer Portal Integrate apps and services. Launch		

Quick Actions

Invite Users Send a sign-up link to users so you can collaborate with your team. Send an Invite	Assign User Access Assign a custom role or built-in roles to your team. Assign Roles
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Section:

Explanation:

QUESTION 37

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

Correct Answer: C

Section:

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.

QUESTION 38

HOTSPOT

Review the exhibit.

Click where you can access intelligent provisioning.

Hot Area:



System Utilities

HPE ProLiant DL360 Gen10

ILO IPv4: 15.194.45.181
ILO IPv6: FE80::B67A:F1FF:FE0F:1114
User Default: OFF

- 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

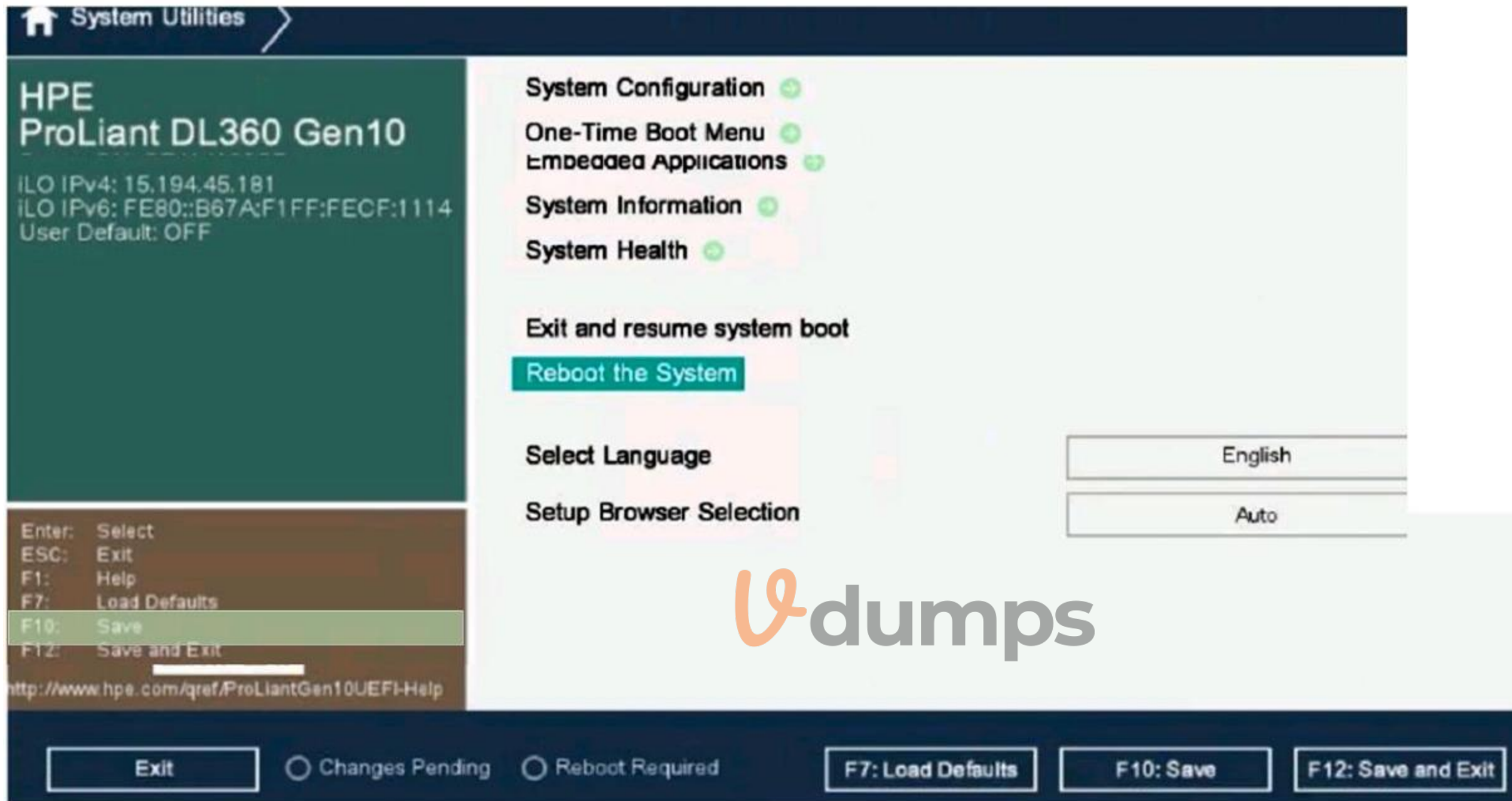
Enter: Select
ESC: Exit
F1: Help
F7: Load Defaults
F10: Save
F12: Save and Exit

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

Exit Changes Pending Reboot Required F7: Load Defaults F10: Save F12: Save and Exit



Answer Area:



Section:

Explanation:

QUESTION 39

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

Correct Answer: A

Section:

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

QUESTION 40

HOTSPOT

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.

Hot Area:





iLO 5

2.65 Feb 23 2022



Information - iLO Overview



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

Overview

Security Dashboard

Session List

iLO Event Log

Integrated Management Log

Security Log

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 CZJ14100S7
Product ID 867959-B21
UUID 39373638-3935-5A43-4A31-343130305337
Remote Console [HTML5](#) [.NET](#) [Java Web Start](#)

iLO

IP Address 15.194.45.181
Link-Local IPv6 Address FE80::B67A:F1FF:FECF:1114
iLO Hostname h5181.wsw.edunet.hpe.com
iLO Dedicated Network Port Enabled
iLO Shared Network Port Disabled
iLO Virtual NIC Disabled
License Type iLO Advanced
iLO Firmware Version 2.65 Feb 23 2022
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 AMS Not registered
 Not available

Answer Area:





iLO 5

2.65 Feb 23 2022



Information - iLO Overview



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

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Session List

iLO Event Log

Integrated Management Log

Security Log

Active Health System Log

Diagnostics

Server

Product Name ProLiant DL360 Gen10
Server Name h5171.wsw.edunet.hpe.com
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Server Serial Number CZJ14100S7
Product ID 867959-B21
UUID 39373638-3935-5A43-4A31-343130305337
Remote Console [HTML5](#) [.NET](#) [Java Web Start](#)

iLO

IP Address 15.194.45.181
Link-Local IPv6 Address FE80::B67A:F1FF:FECE:1114
iLO Hostname h5181.wsw.edunet.hpe.com
iLO Dedicated Network Port Enabled
iLO Shared Network Port Disabled
iLO Virtual NIC Disabled
License Type iLO Advanced
iLO Firmware Version 2.65 Feb 23 2022
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 AMS Not registered
AMS Not available

Section:

Explanation:

QUESTION 41

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

Correct Answer: A, D

Section:

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 42

Your customer needs a File & Print server that will maximize disk capacity. Fault Tolerance is not required. Which RAID Level should you recommend?

- A. RAID 5
- B. RAID 6
- C. RAID 0
- D. RAID 1

Correct Answer: C

Section:

Explanation:

RAID 0 is the best choice for maximizing disk capacity because it stripes data across all the drives in the array, effectively combining their capacities into one larger, faster storage unit. Since RAID 0 does not provide any redundancy or fault tolerance, it uses 100% of the disk space for storage, making it the most efficient in terms of capacity utilization¹²³.

However, it's important to note that RAID 0 does not offer any protection against drive failures. If one drive fails, all data on the RAID 0 array could be lost. Therefore, while RAID 0 maximizes disk capacity, it should only be used when fault tolerance is not a concern, and data is backed up regularly or is non-critical

QUESTION 43

Which procedures are recommended as part of the HPE server deployment process? (Select two.)

- A. Create a support case on HPE InfoSight
- B. Configuring the system BIOS
- C. Performing a One-touch deployment using the Aruba CX Mobile App
- D. Register the server to the Data Service Cloud Console
- E. Using HPE Intelligent Provisioning for storage configuration and OS deployment

Correct Answer: B, E

Section:

Explanation:

Configuring the system BIOS:

Configuring the system BIOS is a crucial step in the server deployment process. It involves setting up hardware configurations, boot order, enabling or disabling hardware components, and configuring power management settings to optimize server performance and reliability.

Using HPE Intelligent Provisioning for storage configuration and OS deployment:

HPE Intelligent Provisioning is a tool that simplifies server setup, providing a guided installation process for storage configuration and operating system deployment. This tool helps ensure that servers are deployed correctly and efficiently with minimal user intervention.

HPE Intelligent Provisioning

HPE Server BIOS Configuration Guide

QUESTION 44

Due to recent ransomware attacks, your customer wants an air-gapped system to archive their 400TB of client data and store it for 10 years. Which product is the most cost-effective solution for their archiving needs?

- A. StoreEasy 1660
- B. MSL2024
- C. MSL6480
- D. MSA 2062

Correct Answer: B

Section:

Explanation:

MSL2024:

The HPE MSL2024 Tape Library is designed for small to medium-sized businesses that need affordable, reliable data protection and long-term archiving. It offers scalability and can handle the archiving needs of 400TB of data with the appropriate number of tape cartridges.

Tape storage is an effective method for air-gapped systems because tapes can be physically separated from the network, providing protection against ransomware and other cyber threats.

HPE MSL2024 Tape Library

QUESTION 45

Your customer purchased a ProLiant server that will be connected to a Primera A650 array. They configured World Wide Name (WWN)-based zoning between the two devices on a Storage Area Network (SAN) fabric. What advantage does this zoning type provide?

- A. Zones can be defined using the switch Domain ID and port number to uniquely identify zone members
- B. Retaining the zoning definition even when the device is moved to a different port or switch in the fabric
- C. Zoning is auto-configured which makes the devices connected to the fabric plug-and-play
- D. Ease of configuration and the zoning definition remains intact even if an HBA or target controller is replaced

Correct Answer: B

Section:

Explanation:

WWN-based zoning:

WWN-based zoning uses the World Wide Name of devices to define zones in the SAN fabric. The WWN is a unique identifier assigned to each device.

The primary advantage of WWN-based zoning is that it retains the zoning definition even if the device is moved to a different port or switch in the fabric. This makes it highly flexible and easier to manage changes in the SAN environment without needing to reconfigure zones.

WWN-based Zoning

QUESTION 46

DRAG DROP

Match the feature of the HPE Ezmeral Container Platform to its business value.

Select and Place:

Feature		Business Value
Enterprise-grade security and control		Fully managed, pre-integrated, scale-out, edge-ready solution based on HPE Data Fabric
KubeDirector		Prepackaged application store with curated and prebuilt images for a wide range of applications
One-click provisioning		Enables the deployment of non-cloud native, legacy distributed independent software vendor (ISV) stateful applications
Persistent container storage integration		Deliver integrations with enterprise authentication services and support for high availability, fault tolerance, and resiliency for mission-critical enterprise applications

Correct Answer:



Feature		Business Value
Persistent container storage integration		Fully managed, pre-integrated, scale-out, edge-ready solution based on HPE Data Fabric
KubeDirector		Prepackaged application store with curated and prebuilt images for a wide range of applications
One-click provisioning		Enables the deployment of non-cloud native, legacy distributed independent software vendor (ISV) stateful applications
Enterprise-grade security and control		Deliver integrations with enterprise authentication services and support for high availability, fault tolerance, and resiliency for mission-critical enterprise applications

Section:

Explanation:

QUESTION 47

Your customer wants to check the remaining life for solid-state drives in their DL345 Gen10 Plus server. What can you use to find this information?

- A. Integrated Management Log
- B. Smart Storage Administrator
- C. storage Management Utility
- D. GreenLake Data Ops Manager

Correct Answer: B

Section:

Explanation:

Smart Storage Administrator (SSA): HPE Smart Storage Administrator is a tool that provides a comprehensive interface for configuring and managing HPE Smart Array controllers and attached storage. It includes features for monitoring the health and remaining life of solid-state drives (SSDs), making it the best choice for this requirement.

[HPE Smart Storage Administrator User Guide](#)

QUESTION 48

A customer has a large database stored on a DL380 server that is configured with a large RAID 6 set. What can the customer install that will directly improve the existing storage performance bottleneck?

- A. Physical Memory
- B. SmartCache
- C. GPU accelerator
- D. Second CPU

Correct Answer: B

Section:

Explanation:

SmartCache: HPE SmartCache is a controller-based caching solution that caches the most frequently accessed data ('hot' data) onto lower latency SSDs to improve the performance of read-intensive applications like databases. This is particularly effective for large RAID sets where disk I/O performance can be a bottleneck.

[HPE SmartCache Overview](#)

QUESTION 49

You are preparing a presentation to explain the benefits of HPE GreenLake Cloud Services. Where would you find these presentation slides? (Select two.)

- A. HPE Solution Sales Enablement Tool
- B. HPE Products and Solutions Now
- C. HPE Seismic
- D. HPE CloudPhysics
- E. HPE Product Bulletin

Correct Answer: A, C

Section:

Explanation:

HPE Seismic:

HPE Seismic is a platform that provides a wealth of sales and marketing collateral, including presentation slides, brochures, and other materials that can be used to explain and promote HPE GreenLake Cloud Services.

HPE Solution Sales Enablement Tool:

This tool offers various resources designed to help sales teams effectively communicate the value propositions and benefits of HPE solutions, including GreenLake Cloud Services. It is an excellent resource for finding ready-to-use presentation materials.

[HPE Seismic](#)

[HPE Solution Sales Enablement Tool](#)

QUESTION 50

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?

- A. HPE StoreOnce
- B. Command View for Tape Libraries
- C. Smart Storage Administrator
- D. Library and Tape Tools

Correct Answer: D

Section:

Explanation:

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.

HPE Library and Tape Tools

QUESTION 51

You need to describe the benefits of HPE GreenLake to your customer. What details should you provide?

- A. HPE GreenLake enables the customer to be managed by HPE, HPE Partners, and other 3rd party vendors through its open management policy.
- B. HPE GreenLake allows customers to manage their accounts point-and-click automated provisioning from a mobile application.
- C. HPE GreenLake provides infinite scale to the customer at no additional cost with its scale up policy.
- D. HPE GreenLake can increase financial flexibility, free up capital, and provide better cost control through its Pay-per-Use policy.

Correct Answer: D

Section:

Explanation:

Pay-per-Use policy: HPE GreenLake offers a consumption-based IT model that provides significant financial benefits. It increases financial flexibility by aligning costs with actual usage, frees up capital that can be invested elsewhere, and offers better cost control by reducing upfront expenses and providing predictable monthly payments based on consumption.

HPE GreenLake Benefits

QUESTION 52

You need to connect a new HPE MSA 1060 storage array to your customer's existing 1GB network. Which network adapter should be installed in this array?

- A. 10GBSFP+
- B. 10/25 QFP
- C. 10GBase-T
- D. 10/25SFP28

Correct Answer: C

Section:

Explanation:

10GBase-T: This network adapter is backward compatible with 1GB networks, allowing the HPE MSA 1060 storage array to connect to the existing infrastructure. While it supports higher speeds (10Gbps), it can auto-negotiate to work with 1Gbps networks, ensuring compatibility with the customer's current setup.

HPE MSA 1060 Storage

QUESTION 53

Your customer has installed multiple Host Bus Adapters in their server.
What feature is now available to be configured?

- A. increased ethernet frame size
- B. data encryption
- C. TCP offload
- D. multi-path load balancing

Correct Answer: D

Section:

Explanation:

Multi-path load balancing: With multiple Host Bus Adapters (HBAs) installed in the server, the system can now configure multi-pathing. This feature allows the server to use multiple paths to access storage, which improves redundancy, fault tolerance, and load balancing, leading to better performance and reliability.

HPE Multi-pathing Software

QUESTION 54

Which new feature does the Storage Management Utility v4 provide?

- A. automatic file classification
- B. automatic notification of new recommended firmware versions
- C. automated installation of firmware
- D. autonomic tiering

Correct Answer: B

Section:

Explanation:

Utility v4 includes the capability to automatically notify administrators about new recommended firmware versions. This feature helps ensure that storage systems are kept up-to-date with the latest firmware, enhancing performance, security, and reliability.

HPE Storage Management Utility



QUESTION 55

Your customer has a new SAN storage array, and they are concerned that data corruption might occur when servers using different operating systems access the same data. You need to ensure that only designated host servers have access to their own logical drives. Which SAN technique should be used?

- A. Inter-Switch traffic delivery
- B. IEEE Structured Addresses
- C. Selective Storage Presentation
- D. Multipath load balancing

Correct Answer: C

Section:

Explanation:

Selective Storage Presentation (SSP): This SAN technique ensures that only designated host servers can access specific logical drives, thereby preventing data corruption that could occur when servers using different operating systems access the same data. SSP provides a way to control which servers can see and access particular storage volumes.

HPE SAN Design Reference Guide

QUESTION 56

Which management tool helps HPE customers simplify the management of HPE ProLiant-based NAS solutions?

- A. HPE StoreEasy Management Console
- B. HPE GreenLake Compute Ops Manager
- C. HPE Storage Management Utility v4
- D. HPEOneView

Correct Answer: A

Section:

Explanation:

HPE StoreEasy Management Console: This tool is designed specifically for managing HPE StoreEasy NAS solutions. It provides a user-friendly interface for managing storage, shares, quotas, and other NAS-specific features, making it easier for customers to manage their HPE ProLiant-based NAS solutions.

HPE StoreEasy Management Console

QUESTION 57

Your customer wants to install a Veeam Backup & Replication Server along with a new local Veeam Data Repository in a single Windows Server appliance. Which HPE solution is the best option for this customer?

- A. HPE SimpliVity
- B. HPE StoreEasy 1660
- C. HPE StoreOnce 3660
- D. HPE MSA 2060 Gen6

Correct Answer: B

Section:

Explanation:

HPE StoreEasy 1660: This is a network-attached storage (NAS) solution that is ideal for hosting a Veeam Backup & Replication Server along with a Veeam Data Repository. It provides a single, easy-to-manage platform for file and application storage, making it suitable for small to medium-sized businesses that need to consolidate backup and replication tasks in a Windows Server environment.

HPE StoreEasy 1660 Storage

QUESTION 58

Your customer needs to add a new server to the HPE OneView management console.

What is required to ensure the server can be managed by HPE OneView?

- A. OneView Standard license
- B. Most current firmware installed on the server
- C. OneView Advanced license
- D. 10Gb Network

Correct Answer: C

Section:

Explanation:

OneView Advanced license: To manage servers with HPE OneView, particularly for advanced features such as server profile management, firmware updates, and monitoring, an HPE OneView Advanced license is required. This license unlocks the full capabilities of HPE OneView for comprehensive server management.

HPE OneView Licensing

QUESTION 59

Your customer wants to convert their current legacy application to a cloud-native application. The new application needs to run a web-based user interface closer to end users in the public cloud environment and keep critical data on-premises.



Which deployment model should be used?

- A. Cloud service on-premises
- B. Hybrid Cloud
- C. Public Cloud only
- D. Traditional IT on-premises only

Correct Answer: B

Section:

Explanation:

* Understanding the Requirements:

The customer wants to modernize a legacy application into a cloud-native application.

The new application must have a web-based user interface (UI) that runs closer to end users.

Critical data must be kept on-premises for security, compliance, or performance reasons.

* Deployment Model Options:

Cloud Service On-Premises (A): This typically refers to running cloud-like services in an on-premises data center, which doesn't satisfy the requirement of running the UI closer to end users in the public cloud.

Hybrid Cloud (B): This model integrates both public cloud and on-premises resources, allowing the UI to run in the public cloud for proximity to end users, while critical data remains on-premises.

Public Cloud Only (C): This would mean hosting everything in the public cloud, which does not meet the requirement of keeping critical data on-premises.

Traditional IT On-Premises Only (D): This would keep all components on-premises, not leveraging the benefits of the public cloud for the web-based UI.

* Why Hybrid Cloud (B) is the Best Fit:

Flexibility and Proximity: A hybrid cloud allows the deployment of the web-based UI in the public cloud, ensuring low latency and high performance for end users.

Data Sovereignty and Compliance: Critical data can remain on-premises, satisfying security and compliance needs.

Best of Both Worlds: It combines the scalability and flexibility of the public cloud with the control and security of on-premises infrastructure.

*

Reference:

HPE's Hybrid Cloud Solutions: HPE Hybrid Cloud Solutions

Benefits of Hybrid Cloud: What is Hybrid Cloud?



QUESTION 60

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. Hortonworks Data Platform
- B. Hadoop
- C. OpenStack Neutron
- D. Kubernetes

Correct Answer: D

Section:

Explanation:

* Understanding the Requirements:

The customer needs an open-source container orchestration system.

It must support cloud-native applications.

It should provide support for containers with persistent storage.

* Platform Options:

Hortonworks Data Platform (A): This is primarily focused on big data and Hadoop-based applications, not on container orchestration.

Hadoop (B): Hadoop is an open-source framework for distributed storage and processing of big data, not a container orchestration system.

OpenStack Neutron (C): Neutron is the networking component of OpenStack, which is not designed for container orchestration.

Kubernetes (D): Kubernetes is an open-source container orchestration platform that supports cloud-native applications and persistent storage.

* Why Kubernetes (D) is the Best Fit:

Cloud-Native Support: Kubernetes is designed to manage containerized applications across clusters of hosts, providing deployment, scaling, and operations of application containers.

Persistent Storage: Kubernetes supports persistent storage through Persistent Volumes (PVs) and Persistent Volume Claims (PVCs), integrating with various storage backends.

Community and Ecosystem: Kubernetes has a vast open-source community and ecosystem, offering extensive support and resources for cloud-native applications.

*

Reference:

Kubernetes Documentation: Kubernetes Persistent Volumes

Kubernetes Overview: Kubernetes - What is Kubernetes?

QUESTION 61

What tool should be used to input customer intent documents (CID) requirements?

- A. One Config Advanced (OCA)
- B. HPE NinjaSTARS
- C. Solution Sales Enablement Tool (SSET)
- D. HPE Storage STaTS Tool

Correct Answer: A

Section:

Explanation:

* Understanding the Requirements:

The tool should be used to input customer intent documents (CID) requirements.

* Tool Options:

One Config Advanced (OCA) (A): A comprehensive configuration tool designed by HPE to help partners and customers configure and quote HPE products and solutions.

HPE NinjaSTARS (B): A competitive intelligence tool focused on providing technical comparison data, not primarily for CID input.

Solution Sales Enablement Tool (SSET) (C): An enablement tool for sales teams to create solution proposals, but not specifically for CID input.

HPE Storage STaTS Tool (D): A tool designed for storage sizing and TCO analysis, not for CID input.

* Why One Config Advanced (A) is the Best Fit:

Purpose-Built: OCA is specifically designed for configuring and quoting HPE products, allowing the input of detailed customer requirements.

Comprehensive Configuration: OCA provides a structured way to capture customer intent documents, ensuring all requirements are met in the proposed solution.

Integration with HPE Systems: Directly integrates with HPE's backend systems for accurate and up-to-date configuration and pricing information.

*

Reference:

HPE One Config Advanced: HPE OCA Overview

HPE Configuration Tools: HPE Partner Ready Portal

QUESTION 62

Your customer needs a server that will support a new Big Data analytics solution. The customer requires parallel processing and a server that will use high core counts and memory capacity.

Which server should you recommend?

- A. DL325
- B. SY480
- C. DL385
- D. DL380

Correct Answer: C

Section:

Explanation:

* Understanding the Requirements:

The customer needs a server to support a new Big Data analytics solution.

The solution requires parallel processing capabilities.

High core counts and memory capacity are critical requirements.

* Server Options:

DL325 (A): A single-socket server designed for virtualization and I/O intensive workloads. While capable, it might not meet the high core and memory demands for Big Data analytics as effectively as other options.

SY480 (B): A blade server designed for high-density environments, but it might not offer the same level of core and memory capacity as other rack-mounted options for Big Data analytics.

DL385 (C): A dual-socket server optimized for high core counts and memory capacity, making it suitable for Big Data analytics and parallel processing workloads.

DL380 (D): A versatile dual-socket server with a balance of performance and expandability, but the DL385 is specifically designed to maximize core count and memory capacity.

* Why DL385 (C) is the Best Fit:

High Core Count: The DL385 Gen10 Plus server supports AMD EPYC processors, which offer high core counts, ideal for parallel processing required in Big Data analytics.

Memory Capacity: It supports up to 4TB of memory, ensuring the capacity needed for large-scale data processing tasks.

Optimized for Performance: The DL385 is designed for demanding workloads, providing the necessary performance for Big Data analytics.

*

Reference:

HPE DL385 Gen10 Plus Server: [HPE DL385 Gen10 Plus](#)

Big Data Analytics Solutions: [HPE Big Data Solutions](#)

Comparison of HPE Servers: [HPE ProLiant Servers](#)

QUESTION 63

You connect to the Compute Ops Management (CoM) through the GreenLake Cloud Platform dashboard. The server you want to manage is missing. Where should the server be added so it appears in the CoM?

- A. Compute Ops Management - Server Groups
- B. GreenLake Cloud Platform - Onboard Devices
- C. Compute Ops Management - Servers
- D. GreenLake Cloud Platform - Manage Subscriptions



Correct Answer: B

Section:

Explanation:

* Understanding the Scenario:

You are accessing Compute Ops Management (CoM) through the GreenLake Cloud Platform dashboard.

A specific server is not appearing in the CoM, indicating it needs to be added.

* Steps to Add the Server:

A . Compute Ops Management - Server Groups: This option manages existing groups of servers but does not handle the initial onboarding.

B . GreenLake Cloud Platform - Onboard Devices: This is the process to add new devices (servers) to the GreenLake Cloud Platform, ensuring they appear in the CoM.

C . Compute Ops Management - Servers: Used to manage servers already onboarded to the platform.

D . GreenLake Cloud Platform - Manage Subscriptions: Related to managing service subscriptions rather than onboarding devices.

* Why B is the Correct Answer:

Onboarding Process: The server needs to be onboarded to the GreenLake Cloud Platform for it to be visible and manageable in the Compute Ops Management interface.

Correct Procedure: Onboarding devices is the initial step required to integrate new hardware into the platform's management tools.

*

Reference:

HPE GreenLake Onboarding Guide: [HPE GreenLake Onboarding](#)

Compute Ops Management Documentation: [HPE Compute Ops Management](#)

QUESTION 64

You are troubleshooting a server and reviewing alerts at the server level, including the NIC link loss, temperature, and automatic shutdown actions. Which log file should you review?

- A. HPE OneView Activity Log

- B. Security Log
- C. IML-Integrated Management Log
- D. iLO Event Log

Correct Answer: C

Section:

Explanation:

* Understanding the Requirements:

The task is to troubleshoot a server by reviewing alerts related to NIC link loss, temperature issues, and automatic shutdown actions.

* Log File Options:

A . HPE OneView Activity Log: Tracks configuration changes and activities within HPE OneView, but not detailed hardware alerts.

B . Security Log: Typically tracks security-related events, such as login attempts and access violations.

C . IML-Integrated Management Log: Records detailed hardware-related events including NIC issues, temperature alerts, and shutdowns.

D . iLO Event Log: Captures events related to the Integrated Lights-Out (iLO) management processor, including some hardware alerts but not as comprehensive as the IML.

* Why IML-Integrated Management Log (C) is the Best Fit:

Comprehensive Hardware Events: The IML logs detailed information on hardware events such as NIC link loss, temperature issues, and shutdowns, which are crucial for troubleshooting.

Direct Relevance: The IML is specifically designed to capture and provide insights into the types of alerts mentioned in the question.

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Reference:

HPE IML Documentation: Integrated Management Log (IML)

Server Management Guide: HPE ProLiant Server Management

QUESTION 65

How do you access the SSD Wear Gauge report?

- A. OneView for Servers
- B. OneView for storage
- C. HPE Infosight portal
- D. Smart Storage Administrator

Correct Answer: D

Section:

Explanation:

* Understanding the Requirements:

The task is to access the SSD Wear Gauge report.

* Access Options:

A . OneView for Servers: Primarily used for managing server infrastructure but not specifically for SSD wear information.

B . OneView for Storage: Used for managing storage systems but does not provide detailed SSD wear information.

C . HPE InfoSight Portal: Provides predictive analytics and insights but not direct access to SSD wear reports.

D . Smart Storage Administrator: A tool specifically designed to manage HPE storage solutions, including SSD wear monitoring.

* Why Smart Storage Administrator (D) is the Best Fit:

Specialized Tool: HPE Smart Storage Administrator (SSA) provides detailed information on storage health, including SSD wear gauges.

Direct Access: It allows direct access to SSD wear metrics, enabling proactive maintenance and management of SSDs.

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Reference:

HPE Smart Storage Administrator: Smart Storage Administrator (SSA)

HPE SSD Wear Gauge: HPE SSD Management

