



**"Please note that these files may not be up to date. However, the questions will help you understand the exam format and typical question patterns."**

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## Question: 1

You need a tool on a SAN Fabric that Will deliver protocol diagnostic, fabric configuration validation With SPOCK, and assess the health of physical ports with self-healing and fabric monitoring. It must perform end-to-end diagnostics while using predefined templates to reduce configuration errors. Which diagnostic tool should be used?

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

**Answer: A**

Explanation:

According to the HPE website, HPE InfoSight is a cloud-based AI platform that delivers global visibility and insights into the health, performance, and capacity of your HPE storage and servers. [It can also provide protocol diagnostics, configuration validation with SPOCK, and assess the health of physical ports with self-healing and fabric monitoring1. It can also perform end-to-end diagnostics while using predefined templates to reduce configuration errors1](#)

## Question: 2

your customer is using HPE Infosight in their environment containing ProLiant and MSA systems.

which product supports automatic case creation through InfoSight?

- A. ProLiant DL120 G7
- B. MSA 2062
- C. MSA2040
- D. proLiant DL560 Gen10

**Answer: D**

Explanation:

[According to the HPE website, HPE InfoSight supports automatic case creation for HPE ProLiant servers that are connected to HPE InfoSight through HPE Integrated Lights-Out \(iLO\) Amplifier Pack1. The ProLiant DL560 Gen10 is one of the supported servers that can benefit from this feature1.](#)

### Question: 3

your customer needs to capture, store, manage, and analyze a dataset that exceeds capacity of typical database software tools.

What storage technology should you propose to meet their needs?

- A. Block Storage
- B. Containers
- C. Big Data
- D. File Storage

**Answer: C**

Explanation:

[According to Simplilearn, big data storage is a new technology that allows you to store large amounts of data that exceed the capacity of typical database software tools<sup>1</sup>. Big data storage can handle various types of data, such as structured, unstructured, or semi-structured data, and provide fast and scalable access to it<sup>1</sup>.](#)

### Question: 4

What does an SSD wear Gauge define?

- A. Remaining lifetime for the SSD drive
- B. Type of technology used within the SSD drive
- C. Type of interface used for the SSD drive
- D. Maximum speed of the SSD drive

**Answer: A**

Explanation:

[According to HPE, SmartSSD Wear Gauge is a feature that provides an estimate of the remaining useful life of an SSD drive based on its usage patterns<sup>1</sup>. It can help you monitor the health and performance of your SSD drives and plan for replacement or upgrade when needed<sup>1</sup>.](#)

## Question: 5

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

## Answer: A

Explanation:

According to HPE, SMU is a web-based interface that enables you to configure, monitor, and manage storage devices. [It also provides performance monitoring and reporting for HPE MSA storage arrays1](#). With SMU, you can demonstrate the features and monitoring capabilities of the new MSA storage array to your customer.

## Question: 6

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

## Answer: C

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: 7

Your customer has multiple, remote sales offices with one HPE ProLiant server deployed per Site to run local IT services. They want to centralize the monitoring and lifecycle management of these servers using a cloud-based offering.

Which tool would demonstrate this functionality?

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

**Answer: B**

Explanation:

According to HPE, HPE InfoSight is a cloud-based AI platform that delivers global visibility and insights into the health, performance, and capacity of your HPE storage and servers. [It can also centralize the monitoring and lifecycle management of multiple HPE ProLiant servers deployed in remote sites using a single dashboard](#)<sup>1</sup>. With HPE InfoSight, you can demonstrate how to simplify and optimize your customer's IT operations from edge to cloud.

## Question: 8

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

**Answer:**

**B**

**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 blockbased storage to their main document management application.

**Question:**

**9**

**DRAG DROP**

Match the HPE storage products to their use case.

**Product**

HPE MSA2062

HPE SImplIMty

HPE StoreEver LTO-9 Ultrium 45000 External Tape Drive

HPE StoreOnce 3660 IU

**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

**Answer:**

**Explanation:**

[HPE MSA2062 -> Provides storage for two HPE ProLiant DL380 Gen10 servers in a branch office1](#)

[HPE SimpliVity -> Enterprise HCI with integrated compute storage and data protection2](#)

[HPE StoreEver LTO 9 Ultrium 45000 External Tape Drive -> Secures backup data with an air-gap](#)

## [separation3](#)

HPE StoreOnce 3660 -> Provides a disk-based backup functionality with efficient deduplication

### Question: 10

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

### Answer: A

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™ technology1. It is designed to deliver high performance, security, and scalability for diverse workloads such as virtualization, cloud computing, data analytics, and AI/ML1. The HPE ProLiant DL365 Gen11 server supports up to 64 cores, 4 TB of memory, 12 NVMe drives, and 8 PCIe Gen4 slots1. 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 reliability1.](#)

[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 EPYC™ 9004 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 reliability](#)<sup>4</sup>.

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: 11

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

**Answer: A**

Explanation:

[According to HPE, this license enables advanced features such as performance tiering and RAID tier affinity for HPE MSA 2060 storage arrays](#)<sup>1</sup>. [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 group](#)<sup>1</sup>.

### Question: 12

You are considering requirements for a database server.

What is the most important component to employ?

- A. File and Print software
- B. GPU accelerators
- C. Antivirus Software
- D. Fault-tolerant memory

**Answer: D**

Explanation:

[According to Database Design Resource, fault-tolerant memory is a type of memory that can detect and correct errors without affecting the performance or availability of the database server1. Fault-tolerant memory can help prevent data corruption and loss, which are critical issues for database servers1.](#)

### Question: 13

DRAG DROP

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

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

**Answer:**

Explanation:

[Containers solutions -> Simplify acquisition and deployment of complex systems1](#)

[Data Management and Analytics solutions -> Accelerate time to value from insights2](#)

[Hybrid Cloud solutions -> Unify operations and management3](#)

Transcoding & Visualization solutions -> Provide stability to scale anywhere

VDI solutions -> Improve user experience while managing costs

### Question: 14

you are preparing a proposal to refresh your customers existing OL380 GE and G7 servers With newer generations. Before making a decision, your customer needs to know if a refresh is worth the cost.

Which option show the value of the purchase to your customer?

- A. Solution sales Enablement Tool
- B. selective Storage presentation
- C. TCO/ROI Calculator
- D. Smart CID

**Answer: C**

Explanation:

[According to HPE, the TCO/ROI Calculator is a tool that helps you compare the total cost of ownership \(TCO\) and return on investment \(ROI\) of different server solutions<sup>1</sup>.](#) It can help you demonstrate how a server refresh can reduce costs, improve performance, and increase efficiency for your customer.

### Question: 15

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

**Answer: C**

Explanation:

HPE MSA 2060 Storage solution supports a mixture of 3.5 inch LFF and 2.5 inch SFF expansion enclosures for a maximum of 9 enclosures (10 total including the 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 generation<sup>1</sup>.](#)

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 2060<sup>2</sup>.](#) These features can enhance the performance, availability, and efficiency of the storage system.

## Question: 16

A customer who is new to HPE wants to refresh the hardware infrastructure for their VMware environment. Before meeting the customer, you need to perform an assessment to get a better of their environment

Which HPE tool should you use?

- A. OneView
- B. CloudPhysics
- C. GreenLake QuiCk Quote
- D. InfoSight

**Answer: B**

Explanation:

CloudPhysics is a tool that provides a comprehensive assessment of VMware environments and helps identify opportunities for optimization and modernization. CloudPhysics can also generate a ready- to-order bill of materials for HPE solutions based on the customer's workload requirements.

The other options do not seem to be suitable for performing an assessment of a VMware environment. OneView is a tool for managing HPE servers, storage, and networking<sup>2</sup>. GreenLake Quick Quote is a tool for creating quotes for HPE GreenLake services<sup>3</sup>. InfoSight is a tool for monitoring and managing HPE storage systems.

## Question: 17

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

**Answer: D**

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: 18

#### 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.

## Featured Applications

### Aruba Central

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viMem Ongnad n»  
tMtpMy t'n dftoytwnt  
\*nd rliaemarve nt  
Aruba »wed and »niek»

### GatStarled

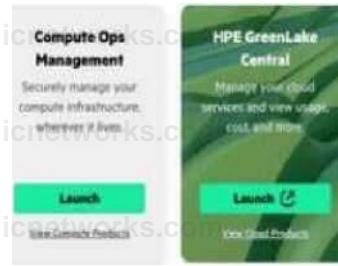
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### Data Service\*

Cloud Consoi\*  
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Cernow

### UMA

oaeMnmPoaaID



## Recommended for You



### Aruba networking

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Learn Mare

### Get the latest news about HPE GreenLake

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lubarrfeeMew

## Explanation:

### Quick Actions

#### Invite Users

Send a wjn a@ M la Mert tn vow tan team

land an b\*\*tvv

#### Assign User Access

Aan\*n acutum <e\*r# bwM tn toim le your team

AaricaMea

## Question: 19

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

Which HPE server family should you recommend?

- A. DL385 Gen10 plus v2
- B. APollo 4510 Gen10 Plus V2
- C. DL560 Gen10
- D. DL345 Gen10 Plus

## Answer: C

## Explanation:

HPE ProLiant DL560 Gen10 Server is a high-density, 4P server with high performance, scalability and reliability. [It supports up to 6 TB of memory with 48 DIMM slots and up to 12 TB of memory with 96 DIMM slots when using HPE Persistent Memory2.](#) This means that it can support a database of 5 TB to run in memory.



## HOTSPOT

Review the exhibit.

Click where you can access intelligent provisioning.



**Answer:**

Explanation: F10 Save

### Question: 21

A customer needs Help setting up their bootable logical drive/volume, checking online drive firmware activation readiness, and managing device identification LEDs

What HPE tool should you recommend?

- A. smart storage Administrator
- B. Integrated Smart Update Tool
- C. HPE OneView
- D. Service pack for ProLiant

**Answer: A**

Explanation:

the HPE Smart Storage Administrator (SSA) is a web-based application that helps you configure, manage, diagnose, and monitor HPE ProLiant Smart Array Controllers and now other storage devices as well, such as host bus adapters (HBAs), HPE Storage controllers, and future devices such as SCSI Express drives, and SAS switch devices.

Some of the features of the HPE SSA include:

Creating a bootable logical drive

Checking online drive firmware activation readiness

**Managing device identification LEDs**

Configuring drive erase

Creating and managing arrays and logical drives

Viewing controller and drive status and health information

Updating controller firmware

## **Question: 22**

### **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.

iLO 5  
2.65 Feb 23 2022

- Home
- 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

00

Overview Security Dashboard Session List iLO Event Loo Integrated Management Log

Security Log

Active Health System Log Diagnostics

### Server

Product Name ProLiant DL360 Gen10  
Server Name hS17Lmw.eduneLhpe.com  
System ROM U32 V2.62 (03/08/2022)  
System ROM Date 03/08/2022  
Redundant System ROM U5 2 v2.50 (05/2 4/2021)  
Server Serial Number CZJ14100S7  
Product ID 867959 B21  
UUID 39373638-3935-5A43-4A31-34313030S337  
Remote Console HTML5\*3 .NET Java Web Start

### iLO

IP Address 15.194.45.181  
Unk-Local IPv6 Address FE80-B67A11FF1ECF:1114  
iLO Hostname hS18Lwsw.eduneLhpe.com  
iLOMkimUBimkfa Enabled  
iLO Shared Network Port Disabled  
iLO Virtual NIC Disabled  
iLO Firmware Vwton iLO Advanced 2.65 Feb 23 2022  
iLO Date/Time Fri Jul 2 11:24:21 2022

### Status

Sw Health LED 9 OK iLO Health iOK iLQ-Security • Risk  
iW Power IS OFF UID Indicator © UID OFF  
Trusted Platform Module Not Present microSD Flash Memory Card  
Not Present Connection to HPE Not registered AMS © Not available

## Answer:

### Explanation:

To set the email notification option, you need to go to the "Administration" tab and select the "Management" option. Then you need to enter the email address and SMTP server information in the "AlertMail" section and enable the "AlertMail" feature. You can also specify which events you want to receive emails for by selecting the appropriate severity level.

## Question: 23

What value does deploying workloads on HPE GreenLake provide? (Select two.)

- A. Pay for resources consumed
- B. Foundation Care support
- C. Capacity on demand licensing model
- D. capacity ahead Of demand
- E. Single-pane management interface with OneView for storage and server management

## Answer: AD

### Explanation:

HPE GreenLake is a cloud services platform that delivers on-demand capacity and planning, combining the agility and economics of the public cloud with the security and performance of on-premises IT. Some of the benefits of HPE GreenLake include:

Pay for resources consumed: HPE GreenLake offers a pay-per-use model that aligns costs with actual usage, reducing overprovisioning and improving cash flow. Customers can also scale up or down as needed and only pay for what they use.

Capacity ahead of demand: HPE GreenLake provides customers with buffer capacity that is ready to use in minutes, not months, enabling them to respond quickly to changing business needs.

Customers can also access a range of cloud services from HPE and partners through a self-service portal.

### Question: 24

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

## Answer: B

### 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: 25

You are explaining hardware health monitoring features of an HPE ProLiant DL380 Gen9 Plus server. You need to show how historical events can be viewed, including fan and power supply failures.

Where can this information be found?

- A. Integrated Management Log
- B. iLO Event
- C. HPE Data Ops Manager
- D. Data Services Cloud Console

**Answer: A**

Explanation:

Integrated Management Log (IML) is a feature that records hardware events such as fan and power supply failures on HPE ProLiant servers. The IML can be viewed through various methods, such as the iLO web interface, the iLO RESTful API, or the Smart Storage Administrator (SSA). The IML provides historical information about the server's hardware health and helps with troubleshooting and analysis.

## Question: 26

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

Which server series should they use?

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

**Answer: B**

Explanation:

## Question: 27

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.

	Definition
	Class of Raid Controller
	Controller Type (form factor)
	Number of SAS lanes
	Port Type
	Smart Array Series

**Answer:**

Explanation:

p: Class of Raid Controller

4: Number of SAS lanes

16: Smart Array Series

ie: Port Type

m: Controller Type (form factor)

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

p: The P stands for Performance class, which indicates that the controller has high performance and reliability for demanding workloads.

4: The 4 indicates that the controller has four SAS lanes per port, which means that it can support up to four SAS devices per port.

16: The 16 indicates that the controller belongs to the 16th generation of Smart Array controllers, which offer enhanced security, performance, and manageability.

ie: The ie stands for internal/external, which means that the controller has both internal and external ports. The internal ports connect to the drives inside the compute module, while the external ports

connect to the SAS Expander Card or external storage devices.

m: The m stands for mezzanine, which means that the controller is a mezzanine card that plugs into a dedicated slot on the compute module.

### Question: 28

your customer is looking for a reference architecture from HPE.

Which tool can translate their requirements a validated configuration?

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

**Answer: B**

Explanation:

Solution Sales Enablement Tool (SSET) is a tool that helps you design and validate HPE solutions based on reference architectures. The SSET can translate customer requirements into a validated configuration that meets their needs and budget. The SSET can also generate a bill of materials, a quote, and a proposal for the solution.

### Question: 29

You are troubleshooting a server issue and need to reference a log file for hardware and configuration changes.

When log file should you review?

- A. IML - Integrated Management Log
- B. ILO Event Log
- C. HPE OneView Activity Log
- D. AHS - Active Health system

**Answer: D**

Explanation:

Active Health System (AHS) is a feature that continuously monitors and records thousands of system parameters and diagnostic telemetry data on HPE ProLiant servers. The AHS log contains information such as hardware and configuration changes, health status, boot issues, and firmware updates. The AHS log can be used for

troubleshooting and analysis by HPE support or by the user.

### Question: 30

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

Which platform should you recommend?

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

### Answer: A

#### Explanation:

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

Kubernetes also supports containers with persistent storage by providing various options such as: Persistent Volumes: These are abstracted storage resources that can be provisioned by administrators and consumed by users without worrying about the underlying storage implementation.

Persistent Volume Claims: These are requests for storage by users that can be dynamically or statically bound to Persistent Volumes.

Storage Classes: These are ways to describe different kinds of storage offered by a cluster, such as SSD or HDD, performance or capacity, etc.

Volume Snapshots: These are point-in-time copies of Persistent Volumes that can be used for backup OR restoration purposes.

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

**Question: 31**

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

What information you provide? (Select two)

- A. customers can control costs Since advanced metering allows them to only pay tor what is used.
- B. The HPE GreenLake platform is always managed by HPE, reducing the need for internal IT staff.
- C. HPE active-ty monitors, manages, and deploys capacity ahead of demand so the customer can scale **With ease within an installed buffer**
- D. HPE GreenLake provides infinite scale to the customer at no additional cost with its scale up policy.
- E. HPF GreenLake provides a larger hardware portf01i0 than traditional HPE hardware solutions

**Answer: AC**

Explanation:

HPE GreenLake is a cloud services platform that delivers on-demand capacity and planning, combining the agility and economics of the public cloud with the security and performance of onpremises 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: 32

DRAG DROP

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

NAS

Answer Area

SAN

..... Block access using a FC protocol

' Block access using FCoE protocol

Sharing files over industry Gandara protocols such as NFSv4 or SMB

' ■ Block access using the iSCSI protocol

**Answer:**

Explanation:

NAS: c) Sharing files over industry standard protocols such as NFSv4 or SMB.

SAN: a) Block access using a FC protocol. or b) Block access using FCoE protocol or d) Block access using the iSCSI protocol.

According to the HPE website, NAS stands for Network Attached Storage and is a storage system that provides file-level access to data over a network. NAS devices use protocols such as NFSv4 or SMB to share files with clients. NAS devices typically have their own file system and operating system and can support multiple users and applications.

SAN stands for Storage Area Network and is a network that provides block-level access to data over a dedicated network. SAN devices use protocols such as FC, FCoE, or iSCSI to transfer blocks of data to servers. SAN devices do not have their own file system and rely on the servers to manage the data. SAN devices typically provide high performance and availability for mission-critical applications.

### Question: 33

DRAG DROP

Match the HPE server models With the appropriate specification.

Server

Specification

DL1

Flexible and affordable 15" deep server supporting the latest Intel XEON E processors

DL345

High-density, four-socket server with high performance, scalability and reliability, all in a 2U chassis for business critical computing performance  
Secure and cost effective 1P 2U server delivering flexible storage capacity, delivering a high core count, and a large memory footprint

DLS60

Secure 2 P 2U Server delivering world-class compelling performance with the right balance of expandability and scalability

### Answer:

Explanation:

[The DL20 Gen10 Plus is a flexible and affordable 15" deep server supporting the latest Intel XEON E processors12.](#)

[The DL180 Gen10 is a secure and cost effective 1P 2U server delivering flexible storage capacity, delivering a high core count, and a large memory footprint12.](#)

[The DL345 is a high-density, four-socket server with high performance, scalability and reliability, all in a 2U chassis for business-critical computing performance12.](#)

[The DL560 is a secure 2P 2U server delivering world-class compelling performance with the right balance of expandability and scalability12.](#)

### Question: 34

What is a feature Of the MSA 2060 storage array?

- A. Gains AI and machine learning operational through InfoSight
- B. Encryption can be enabled by adding 2 self-encrypted drives through Full Disk Encryptbn

C. Supports a mixture Of both SSD and HDDs within the same system

D. Deduplication and compression are non-intrusive and in-line

**Answer: C**

Explanation:

This is because the 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). [You can start small and scale as needed with any combination of SSDs, Enterprise SAS or MidLine SAS HDDs12.](#)

### Question: 35

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?

A. Synergy12000

B. ML 350

C. DL360

D. Apollo 4200

**Answer: C**

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 2933 MT/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.

### Question: 36

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

Which command should you use?

A. show LLDP neighbor-info

- B. traceroute
- C. snow startup-config
- D. config-router

**Answer: B**

**Explanation:**

This is because the traceroute command is a network diagnostic tool that traces the route of packets across an IP network. [It shows the path that packets take from the source device to the destination device and displays information such as the IP addresses of routers and switches along the path, the round-trip times of packets, and any packet loss or errors.](#) It can help troubleshoot a Layer 3 network routing issue by identifying where the packets are dropped or delayed.

**Question: 37**

DRAG DROP

Match each HPE tool with its business value.

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

**Answer:**

**Explanation:**

HPE Product Bulletin: Aides with the purchase, sale, and support of HPE solutions by providing **technical overviews and specifications.**

HPE CloudPhysics: Provides data-driven insights to improve IT performance, ROI, and data protection through **analysis of IT metadata.**

Solution Sales Enablement Tool: Provides curated information about HPE strategy and solutions as well as sales, marketing, and technical information aligned to specific solutions.

HPE Seismic: Accurately size and efficiently deliver world-class solutions on HPE GreenLake Lighthouse, which powers HPE GreenLake Cloud services and HPE infrastructure.

HPE Product Bulletin: <https://h20195.www2.hpe.com/v2/GetDocument.aspx?docname=c04123144>

HPE CloudPhysics: <https://www.hpe.com/us/en/storage/cloudphysics.html>

Solution Sales Enablement Tool: <https://sset.ext.hpe.com/>

HPE Seismic: <https://www.hpe.com/us/en/newsroom/blog-post/2021/02/hpe-reimagines-customer-and-partner-experience-with-software-and-data-driven-insights.html>

### Question: 38

you want to quickly 100k up the list price of an HPE hardware component.

Which pre-saves tool has a Quick Quote function?

- A. HPE smart CID
- B. HPE CloudPhysics
- C. HPE seismic
- D. HPE Product Bllletin

**Answer: D**

Explanation:

This tool has a Quick Quote function that allows you to quickly look up the list price of an HPE hardware component by entering the product number or selecting from a list of products. You can also add multiple products to a quote and export it to a file or email it to yourself or others.

### Question: 39

An RFP states that the database server requires two processors out must De available to scale to four inside a 2U chassis.

Which server would satisfy the customer requirements?

- A. DL560 Gen10 server
- B. TWO DL380 Gen 10 servers
- C. Two DL360 Gen10 servers
- D. DL580 Gen10 server

**Answer: A**

Explanation:

This is because the HPE ProLiant DL560 Gen10 server is a 2U rack server that supports up to four Intel Xeon Scalable processors with up to 48 cores per processor. It also supports up to 6 TB of memory and up to 12 LFF or 24 SFF

drives.<sup>1</sup> It can satisfy the customer requirements of having two processors and scaling to four inside a 2U chassis.

### Question: 40

A customer wants to create a 3TB boot partition on their HPE ProLiant DL360 Gen10 Plus server.

What setting must be enabled to allow this configuration?

- A. Secure Boot
- B. unlimited Extensible Firmware Interface (UEFI) Boot Mode
- C. Legacy BIOS Boot Mode
- D. Virtualization-Maximum performance

**Answer: B**

Explanation:

setting that must be enabled to allow a 3TB boot partition on their HPE ProLiant DL360 Gen10 Plus server is B. Unified Extensible Firmware Interface (UEFI) Boot Mode. This is because UEFI Boot Mode supports booting from disks larger than 2.2 TB by using the GUID Partition Table (GPT) format. [GPT allows for partitions of up to 9.4 ZB \(9.4 x 10<sup>21</sup> bytes\) in size.12](#)

### Question: 41

DRAG DROP

Your customer asks you to explain the benefits that the HPE GreenLake consumption model can provide.

Match the GreenLake benefits to their outcomes.

Benefit	Outcome
Managed by HPE and HPE Partners	Provides customers with a simple point-and-click automated provisioning
Pay-per-use	Provides financial flexibility for customers, freeing up capital and providing better control costs
Scale up and down	Manages capacity ahead of demand and allows customers to easily add resources when they are needed

Self-service

Allows customer IT employees to be more productive within an organization

## Answer:

### Explanation:

Managed by HPE and HPE Partners: Allows customer IT employees to be more productive within an **organization**

Pay-per-use: Provides financial flexibility for customers, frees up capital, and provides better control **COSTS**

Scale up and down: Manages capacity ahead of demand and allows customers to easily add **resources when they are needed**

Self-service: Provides customers with a simple point-and-click automated provisioning

[https://www.hpe.com/psnow/doc/a00029675enw?jumpid=in\\_lit-psnow-red](https://www.hpe.com/psnow/doc/a00029675enw?jumpid=in_lit-psnow-red)

<https://www.techtarget.com/searchdatacenter/feature/What-is-HPE-GreenLake-and-how-does-it-work>

<https://www.turn-keytechnologies.com/blog/article/how-hpe-greenlakes-consumption-model-is-transforming-networks/>

## Question: 42

When designing new server environments, you need to determine the maximum equipment wattage and thermal requirements at the unit (chassis) and rack level.

Which HPE tool should be used?

- A. HPE Infosight
- B. HPE Smart Storage Administrator
- C. HPE Power Advisor
- D. HPE OneView

## Answer: C

### Explanation:

This is a tool that helps you estimate power consumption and thermal output for HPE servers, storage, and networking products. You can use it to design new server environments or validate existing ones by selecting the products and configurations you want and generating a detailed report that shows the power and cooling requirements at the unit and rack level.

## Question: 43

A customer wants to set up a site-to-site replication using Fibre Channel to a Site that is 10 Kilometers away.

What cable must be used to achieve this?

- A. Single-mode fiber optic cable
- B. Flex fiber cable
- C. Multimode fiber optic cable
- D. Polymer optical fiber cable

**Answer: A**

Explanation:

[https://en.wikipedia.org/wiki/Fibre\\_Channel](https://en.wikipedia.org/wiki/Fibre_Channel)

<https://www.techtarget.com/searchnetworking/tutorial/Network-cable-history-and-fundamentals-Cabling-tips-for-network-professionals-lesson-1> [https://fibrenchannel.org/wp-](https://fibrenchannel.org/wp-content/uploads/2016/04/Fibre_Channel_Connectivity_White_Paper_04-06-16.pdf)

[content/uploads/2016/04/Fibre\\_Channel\\_Connectivity\\_White\\_Paper\\_04-06-16.pdf](https://fibrenchannel.org/wp-content/uploads/2016/04/Fibre_Channel_Connectivity_White_Paper_04-06-16.pdf)

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.](#)

### Question: 44

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

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

- A. support level
- B. power supply wattage
- C. storage capacity
- D. transfer rate
- E. form factor

**Answer: CE**

Explanation:

This is because a file and print workload requires a server that can store and share large amounts of data with multiple users and devices. Therefore, the server should have enough storage capacity to meet the current and future data needs of the customer. The form factor of the server also matters because it determines how much

space the server occupies and how easy it is to install and maintain. Depending on the customer's preferences and constraints, they may choose a tower, rack or blade server.

### Question: 45

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?

- A. Add the server to the existing ILO 5 Federation
- B. Apply the ILO 5 Advanced License
- C. Connect the server to an HPE Remote Support Host Server
- D. Enable the Remote Console within iLO 5

### Answer: C

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

### Question: 46

What benefit does using HPE GreenLake central provide for customers?

- A. It provides aggregated usage across on-premises and cloud deployments in AWS and Microsoft Azure.
- B. It provides One-Click provisioning through a pre-packaged application store with curated, prebuilt images for a wide range of applications.
- C. It can run real-time assessments and offer insights about potential exposure to failures and external attacks.

D. It can analyze different workloads the customer is running and provide guidance on the best server for the workload.

### Answer: A

Explanation:

This is because HPE GreenLake Central is an online portal that enables customers to manage and optimize their hybrid cloud environments. It provides a unified view of the costs, capacity, consumption and compliance of their on-premises GreenLake systems and their public cloud platforms such as AWS and Azure. [It also offers insights and recommendations to help customers improve their IT performance, ROI and data protection.](#)

### Question: 47

DRAG DROP

Match the RAID level to the number of drive failures an array can handle without losing data. (Each option may be used once, more than once, or not at all.)

any single drive

any two drives

**Answer Area**

	RAID 1
	RAID 1 ADM
	RAID 5
	RAID 6

**Answer:**

**Explanation:**

RAID 1: any single drive

RAID 1 ADM: any two drives RAID 5: any single drive RAID 6: any two drives

RAID 1: This is a level of RAID that uses mirroring to create an exact copy of data on two or more disks. It can tolerate the failure of any single drive without losing data, as long as the other drive is still functional.

RAID 1 ADM: This is a level of RAID that uses advanced data mirroring to create two copies of data on three disks. It can tolerate the failure of any two drives without losing data, as long as the third drive is still functional.

RAID 5: This is a level of RAID that uses striping with parity to distribute data and parity information across three or more disks. It can tolerate the failure of any single drive without losing data, as long as the other drives can reconstruct the data from the parity information.

RAID 6: This is a level of RAID that uses striping with double parity to distribute data and two sets of parity information across four or more disks. It can tolerate the failure of any two drives without losing data, as long as the other drives can reconstruct the data from the double parity information.

**Question: 48**

DRAG DROP

Match each HPE product With the customer requirements it meets.

**Product**

**Requirements**

MSA 2062

A hospital wants to store air-gapped copies of their medical imaging to protect against ransomware attacks and natural disasters

MSL2024

A customer needs a low cost entry-level storage appliance with automatic tiering for their Fibre Channel environment

StoreEasy 1560

A small software development company needs a solution for their growing file shares in their Microsoft environment

StoreOnce VSA

Customer wants to backup and quickly recover their Hyper-v environment in a remote site with an option to backup to the cloud

**Answer:**

**Explanation:**

MSA 2062: A customer needs a low cost entry-level storage appliance with automatic tiering for their Fibre Channel environment

MSL2024: A hospital wants to store air-gapped copies of their medical imaging to protect against ransomware attacks and natural disasters

StoreEasy 1560: A small software development company needs a solution for their growing file shares in their Microsoft environment

StoreOnce VSA: Customer wants to backup and quickly recover their Hyper-V environment in a remote site with an option to backup to the cloud

This is because:

MSA 2062: This is a flash-enabled storage appliance that supports Fibre Channel, iSCSI and SAS connectivity. It offers automatic tiering that optimizes performance and cost by moving data between SSDs and HDDs based on usage patterns.

MSL2024: This is a tape library that supports up to 24 LTO tape cartridges and one or two tape drives. It provides offline data protection and long-term retention for compliance and disaster recovery purposes. It can also create air-gapped copies of data that are isolated from network threats such as ransomware.

StoreEasy 1560: This is a file storage appliance that supports SMB, NFS and FTP protocols. It is optimized for Microsoft environments and integrates with Active Directory, BitLocker encryption, Windows Storage Server and Windows Server Backup. It can scale up to 16 TB of internal capacity and 280 TB of external capacity.

StoreOnce VSA: This is a virtual storage appliance that provides backup and recovery for virtualized environments. It supports Hyper-V, VMware and KVM hypervisors and integrates with backup applications such as HPE Data Protector and Veeam. It can also deduplicate data and replicate it to another StoreOnce system or to the cloud.

**Question: 49**

DRAG DROP

Match the correct scaling approach to each strategy

Scale-out
Scale-up

**Answer Area**

Add more servers to do the workload

Add more resources (such as processors and memory) to existing servers

Add an additional two socket system to an existing VMware cluster

Add two additional processors to a four-socket system currently equipped with only two processors

**Answer:**

**Explanation:**

Scale-out: Add more servers to do the workload

Scale-up: Add more resources (such as processors and memory) to existing servers

Scale-out: Add an additional two-socket system to an existing VMware Cluster

Scale-up: Add two additional processors to a four-socket system currently equipped with only two processors

This is because:

Scale-out: This is a scaling approach that involves adding more servers or nodes to a system to increase its capacity and performance. It is also known as horizontal scaling. It can help distribute the workload across multiple servers and improve availability and fault tolerance.

Scale-up: This is a scaling approach that involves adding more resources (such as processors, memory, storage or network) to an existing server or node to increase its capacity and performance. It is also known as vertical scaling. It can help improve the performance of a single server and reduce the complexity of managing multiple servers.

**Question: 50**

Your customer has a large DL380 Gen10 and DL385 Gen10 Plus server farm. They only have a small staff monitoring and managing these servers. You need to recommend a management service that Will allow them to free up resources and automate management.

What HPE management service should they use?

- A. HPE GreenLake Compute Ops Manager
- B. HPE CloudPhysics
- C. iLO5 Lifecycle Management
- D. HPE InfoSight

**Answer: A**

**Explanation:**

This is because HPE GreenLake Compute Ops Management is a cloud-based service that provides a unified and automated way to monitor, manage and update servers remotely through a web console.

It can help customers free up resources and automate management tasks such as firmware updates, compliance checks, server health monitoring and troubleshooting. [It can also support servers across different locations and platforms, whether on premises, at the edge or in the cloud.](#)

### Question: 51

DRAG DROP

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

Capacity of one drive      Capacity of two drives

Zero overhead from capacity prospective

**Answer Area**

	RAID 1
	RAID 0
	RAID 5
	RAID 6

**Answer:**

Explanation:

RAID 0: This level has zero overhead from capacity perspective, as it uses all the available disk space for data storage without any redundancy or parity. [However, it also has no fault tolerance and if one disk fails, all data is lost12.](#)

RAID 1: This level has capacity of one drive as overhead, as it uses disk mirroring to create an exact copy of data on two or more disks. [This provides high reliability and fault tolerance, but reduces the usable disk space by half12.](#)

RAID 5: This level has capacity of one drive as overhead, as it uses disk striping with parity to distribute data and parity blocks across three or more disks. [This provides a balance between performance and reliability, as it can tolerate one disk failure without losing data12.](#)

RAID 6: This level has capacity of two drives as overhead, as it uses disk striping with double parity to distribute data and two parity blocks across four or more disks. [This provides higher reliability and fault tolerance than RAID 5, as it can tolerate two disk failures without losing data12.](#)

### Question: 52

DRAG DROP

Match the preconfigured HPE workload Profile With Its definition.

Profile\*

General  
power  
efficient  
compute

10  
throughput

Graphics  
processing  
virtualization  
—Max  
Performance

Definition

This is a default out-of-the-box profile that uses the most common performance settings seen across most application workloads

This profile setting will ensure that all available virtualization technologies are enabled and configured for maximum performance

It is intended for configurations that depend on maximum throughput between IO and memory

This profile is intended for configurations that use GPUs and depend on maximum bandwidth between IO and memory

## Answer:

### Explanation:

HPE workload profile is one of the HPE Intelligent System Tuning (IST) features and allows you to tune the resources in your HPE ProLiant server by choosing a preconfigured workload profile. [The server will automatically configure the BIOS settings to match the selected workload12.](#)

According to the information I found on the web, here is how you can match the preconfigured HPE workload profile with its definition:

General power efficient compute: This is a default out-of-the-box profile that uses the most common performance settings seen across most application workloads. It also enables power management settings that have minimal impact to overall performance. [This profile is recommended for customers that do not typically tune their BIOS for their workload1.](#)

IO throughput: This profile is intended for configurations that depend on maximum throughput between IO and memory. It disables power management settings that are known to have impact on maximum achievable bandwidth. [It also applies settings that benefit NUMA awareness, as best throughput is achieved when the workload is also NUMA aware and optimized1.](#)

Graphics processing: This profile is intended for configurations that use GPUs and depend on maximum bandwidth between IO and memory. It disables power management settings that are known to have impact on maximum achievable bandwidth. [It also applies settings that benefit NUMA awareness, as best throughput is achieved when the workload is also NUMA aware and optimized1.](#)

Virtualization —Max Performance: This profile setting will ensure that all available virtualization technologies are enabled and configured for maximum performance. It disables power management settings in favor of delivering maximum performance. [Certain virtualization technologies can have possible performance impacts to nonvirtualized environments and can be disabled in other profiles](#)

## Question: 53

Which combination of HPE solutions can provide data validation on MSL3040 and LTO-9 cartridges?

- A. HPE Command View for Tape Libraries and HPE TapeAssure Advanced
- B. Library and Tape Tools and HPF StoreEver TapeAssure Advanced Software
- C. HPE Command View for Tape Libraries and HPE StoreEver Data Verification

D. HPE Command View for Tape Libraries and Library and Tape Tools

**Answer: B**

Explanation:

Library and Tape Tools and HPF StoreEver TapeAssure Advanced Software: This combination is correct, as Library and Tape Tools (L&TT) is a diagnostic tool that allows you to perform firmware upgrades, run tests, and verify data on tape devices. [HPE StoreEver TapeAssure Advanced Software is a software that provides data integrity, performance, health, and utilization reports for tape drives and cartridges, and it works with L&TT to perform data verification2](#).

**Question: 54**

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

A. Veeam Backup & Replication

B. VMware Site Recovery Manager

C. HPE Peer Persistence

D. HPE RapidDR

**Answer: D**

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 virtualization1](#).

## Question: 55

Your customer needs to accelerate the performance Of their DL380 Gen10 servers running workloads on more active cores at higher Clock frequencies. The customer wants to know if Core Boosting will help.

What advice Should you provide?

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

**Answer: C**

**Explanation:**

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

However, Core Boosting option is only supported in ProLiant Gen10 servers with certain Intel processors<sup>1</sup>. The HPE ProLiant DL380 Gen10 server data sheet<sup>2</sup> lists the supported processors for Core Boosting as:

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

Intel Xeon Platinum 8168 Processor (24 core, 2.7 GHz, 33 MB L3 cache)

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

## Question: 56

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

**Answer: D**

**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 website<sup>1</sup>. The tool requires an active warranty or support contract for the array.

**Question: 57**

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

**Answer: B**

**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: 58

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

**Answer: B**

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: 59

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

**Answer: C**

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: 60

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

**Answer: A**

**Explanation:**

HPE Cloudphysics is a cloud-based assessment tool that helps customers plan and optimize their VMware vSphere environments. The tool can collect data from the customer's existing environment, such as configuration, performance, capacity, and utilization, and provide insights and recommendations for migrating to HPE SimpliVity. The tool can also compare the costs and benefits of different migration scenarios and generate a detailed report with a bill of materials.

Topic 2, Exam Pool B

**Question: 61**

DRAG DROP

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

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

**Answer:**

**Explanation:**

RAID 60 with two parity groups: Capacity of four drives

RAID 50 with two parity groups: Capacity of four drives

RAID 10 with four drives: Capacity of two drives

RAID 1 ADM with three drives: Capacity of two drives

RAID 60 with two parity groups:

RAID 60 is a combination of RAID 6 and RAID 0. It uses double parity (RAID 6) for fault tolerance and striping (RAID 0) for performance.

With two parity groups, it means there are two sets of RAID 6 arrays, and each set needs two parity drives.

Therefore, the capacity overhead would be the equivalent of four drives used for parity.

RAID 50 with two parity groups:

RAID 50 is a combination of RAID 5 and RAID 0. It uses single parity (RAID 5) for fault tolerance and striping (RAID 0) for performance.

With two parity groups, it means there are two sets of RAID 5 arrays, and each set needs one parity drive.

Therefore, the capacity overhead would be the equivalent of two drives, but considering both groups, it would be four drives.

RAID 10 with four drives:

RAID 10 is a combination of RAID 1 and RAID 0. It mirrors data (RAID 1) and stripes it (RAID 0).

For four drives, RAID 10 effectively uses two drives for data and two drives for mirrored copies.

Therefore, the capacity overhead is the equivalent of two drives.

RAID 1 ADM with three drives:

RAID 1 ADM (Advanced Data Mirroring) typically involves three drives where each piece of data is mirrored across all three drives.

Thus, the capacity overhead is the equivalent of two drives being used for mirroring.

## Question: 62

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

**Answer: C**

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 utilization<sup>123</sup>.](#)

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: 63

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

**Answer: BE**

#### 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.

##### Reference:

HPE Intelligent Provisioning

HPE Server BIOS Configuration Guide

### Question: 64

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

**Answer: B**

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.

Reference:

HPE MSL2024 Tape Library

### **Question: 65**

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

**Answer: B**

**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.

**Reference:**

WWN-based Zoning

**Question: 66**

DRAG DROP

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

**Feature**

Enterprise-grade security and control

KubeDirector

One-click provisioning

Persistent container storage integration

**Business Value**

Fully managed, pre-integrated, scale-out, edge-ready solution based on HPE Data Fabric

Prepackaged application store with curated and prebuilt images for a wide range of applications

Enables the deployment of non-cloud native, legacy distributed independent software vendor (ISV) stateful applications

Deliver integrations with enterprise authentication services and support for high availability, fault tolerance, and resiliency for mission-critical enterprise applications

**Answer:**

**Explanation:**

Enterprise-grade security and control:

Business Value: Deliver integrations with enterprise authentication services and support for high availability, fault tolerance, and resiliency for mission-critical enterprise applications.

KubeDirector:

Business Value: Prepackaged application store with curated and prebuilt images for a wide range of applications.

One-click provisioning:

Business Value: Enables the deployment of non-cloud native, legacy distributed independent software vendor (ISV) stateful applications.

Persistent container storage integration:

Business Value: Fully managed, pre-integrated, scale-out, edge-ready solution based on HPE Data Fabric.

Enterprise-grade security and control: This feature ensures that the platform integrates well with enterprise-level authentication services and provides necessary high availability, fault tolerance, and resiliency required for mission-critical applications.

KubeDirector: Provides a prepackaged application store that simplifies the deployment of a wide range of applications by providing curated and prebuilt images.

One-click provisioning: Makes it easier to deploy legacy and non-cloud-native applications, especially those from independent software vendors, without the need for extensive manual

configuration.

Persistent container storage integration: Supports a fully managed and scalable storage solution that is integrated with the HPE Data Fabric, making it suitable for edge deployments.

### Question: 67

Your customer wants to check the remaining life for solid-state drives in their DL345 Gen0 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

**Answer: B**

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.

Reference:

[HPE Smart Storage Administrator User Guide](#)

### Question: 68

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

**Answer: B**

**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.

**Reference:**

HPE SmartCache Overview

### **Question: 69**

Your customer is very concerned about protecting data on their DL380 server. Even though a large storage capacity is critical, the customer values fault tolerance over write performance.

Which RAID solution should you recommend?

A. RAID 1

B. RAID 6

C. RAID 0

D. RAID 5

**Answer: B**

**Explanation:**

RAID 6: RAID 6 provides fault tolerance by using double parity, allowing the system to withstand two simultaneous drive failures. It offers higher fault tolerance compared to RAID 5, which only tolerates a single drive failure.

Although RAID 6 has a write performance penalty due to the additional parity calculations, it provides a good balance between capacity and high fault tolerance, which is critical for the customer.

Reference:

RAID 6 Overview

## Question: 70

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?

- A. HPE GreenLake Intent Based Provisioning
- B. HPE GreenLake for Compute Ops Management
- C. HPE GreenLake Central
- D. HPE GreenLake Data Ops Manager

**Answer: C**

Explanation:

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

## Question: 71

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?

- A. HPE ProLiant DL380 Gen10 Plus

B. HPE ProLiant MicroServer Gen10 Plus

C. HPE StoreOnce 3660

D. HPE StoreOnce VSA

**Answer: B**

**Explanation:**

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

## **Question: 72**

A customer is running HPE Intelligent Provisioning v3.70 on their DL380 Gen10 Plus server. They request an update to the latest version available. How should you complete the upgrade?

A. Download the 'Intelligent Provisioning Recovery Media' ISO from the HPE Support websites. Boot from ISO and install

B. Within InfoSight, select the Server - Choose Upgrades - Intelligent Provisioning - Install to start the upgrade process

C. Select the 'Upgrade' link within the iLO 5 web interface 'Life Cycle Management' section

D. Download the 'Intelligent Provisioning Recovery Media' ISO from HPE InfoSight for Servers. Boot from ISO and install

**Answer: A**

**Explanation:**

Intelligent Provisioning Recovery Media: To upgrade HPE Intelligent Provisioning, you need to download the latest version of the Intelligent Provisioning Recovery Media ISO from the HPE Support website. Once downloaded, you should boot from the ISO and follow the instructions to install the latest version. This method ensures that the update process is conducted smoothly and without relying on additional software or tools.

Reference:

HPE Intelligent Provisioning

### Question: 73

Your customer wants a secure, cost effective single socket server with 24 drive slots to run workloads. Which server meets these requirements?

- A. HPE ProLiant DL325 Gen10 Plus v2 server
- B. HPE ProLiant DL345 Gen10 Plus server
- C. HPE ProLiant DL365 Gen10 Plus server
- D. HPE ProLiant ML110 Gen10 server

**Answer: B**

Explanation:

HPE ProLiant DL345 Gen10 Plus server: This server is designed to provide a high level of security and cost-effectiveness, with support for a single socket configuration and up to 24 drive slots. It meets the requirements for running various workloads with ample storage capacity and robust performance.

Reference:

HPE ProLiant DL345 Gen10 Plus

### Question: 74

Your customer is running a DL385 server with a large in-memory database in a highly secure environment. They need to ensure that their new solution will protect against attacks on the main memory while maintaining high performance from the servers.

What memory technology should you recommend?

- A. AMD Infinity Guard
- B. Smart Array SR Secure Encryption
- C. Software Guard Extensions
- D. AES-128 bidirectional encryption

**Answer: A**

**Explanation:**

AMD Infinity Guard: AMD Infinity Guard is a suite of advanced security features built into AMD processors, including Secure Memory Encryption (SME) and Secure Encrypted Virtualization (SEV). These technologies help protect against attacks on main memory by encrypting the data and ensuring the security of virtualized environments, while maintaining high performance.

Reference:

AMD Infinity Guard

## Question:

75

Place the HPE Simplified IT for User Illustration in the correct order.

Steps

Order

### Choose

Services for your 3 customer's workloads, in just 1 click

### Install

Experts install and configure on site

### Order

Arrival in as little as 14 days

### Go

Launch within minutes of connecting to the network



**Answer:**

Explanation:

Choose: Services for your customer's workloads in just a few clicks.

Order: Arrival in as little as 14 days.

Install: Experts install and configure on site.

Go: Launch within minutes of connecting to the network.

Choose: The first step involves selecting the appropriate services for the customer's workloads through an easy, user-friendly interface.

Order: Once the services are chosen, the next step is to place the order, which promises delivery within a short time frame of 14 days.

Install: Upon arrival, experts will install and configure the services on-site to ensure everything is set up correctly.

Go: After installation and configuration, the services are ready to be launched, often within minutes of connecting to the network, making the process seamless and efficient.

## Question: 76

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

**Answer: AC**

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.

Reference:

[HPE Seismic](#)

### Question: 77

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

**Answer: D**

#### 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.

#### Reference:

HPE Library and Tape Tools

### Question: 78

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.

**Answer: D**

**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.

**Reference:**

HPE GreenLake Benefits

## **Question: 79**

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

**Answer:**

**D**

**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.

**Reference:**

HPE Integrated Management Log

## **Question: 80**

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

**Answer: D**

**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.

Reference:

HPE ProLiant MicroServer Gen10 Plus User Guide

### Question: 81

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

**Answer: A**

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.

Reference:

HPE ProLiant DL325 Gen10

### Question: 82

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 CIDs

D. TCO/ROI Calculator

**Answer: D**

**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.

**Reference:**

HPE TCO/ROI Calculator

### **Question: 83**

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

**Answer: C**

**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.

Reference:

HPE MSA 1060 Storage

### Question: 84

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
- D. TCP ofload
- E. multi-path load balancing

**Answer: D**

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.

Reference:

HPE Multi-pathing Software

### Question: 85

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

**Answer: B**

**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.

**Reference:**

HPE Storage Management Utility

### **Question: 86**

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

**Answer: C**

**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.

**Reference:**

HPE SAN Design Reference Guide

**Question: 87**

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

**Answer: A**

**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.

**Reference:**

HPE StoreEasy Management Console

**Question: 88**

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

**Answer: B**

**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.

**Reference:**

HPE StoreEasy 1660 Storage

**Question: 89**

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

**Answer: C**

**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.

**Reference:**

HPE OneView Licensing

**Question: 90**

What benefit does an as-a-service deployment model provide? (Select two.)

Higher throughput between hosts and storage

- A. Faster performing disk storage
- B. Reduce the risk of under-provisioning
- C. Cost-savings related to over-provisioning
- D. Larger memory capacities

**Answer: CD**

**Explanation:**

Reduce the risk of under-provisioning:

As-a-service models allow for scalable resource allocation, meaning you can adjust your resources as demand changes.

This flexibility helps ensure that you have sufficient resources to meet your needs without the risk of under-provisioning.

Cost-savings related to over-provisioning:

With an as-a-service model, you only pay for the resources you actually use. This reduces the need to over-provision and pay for unused capacity, leading to significant cost savings and better financial efficiency.

**Reference:**

Benefits of As-a-Service Models

## Question: 91

A customer wants a new server for a database workload.

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

- A. processor speed
- B. support level
- C. amount of memory installed
- D. form factor
- E. power supply wattage

**Answer: AC**

Explanation:

Understanding the Requirements:

The customer needs a new server specifically for a database workload.

Database workloads typically require high performance and adequate memory to handle large amounts of data efficiently.

Factors to Consider:

A . Processor Speed: The speed of the processor is crucial for database performance. Faster processors can handle more transactions per second and process queries more quickly.

B . Support Level: While important for ongoing maintenance and troubleshooting, it is not directly related to the performance of the database workload.

C . Amount of Memory Installed: Memory (RAM) is critical for database operations. More memory allows for larger caches, faster query responses, and better overall performance.

D . Form Factor: Important for physical deployment considerations (e.g., rack vs. tower), but not a primary factor for database performance.

E . Power Supply Wattage: Ensuring sufficient power is essential, but it is generally a baseline requirement rather than a primary performance factor.

Why Processor Speed and Amount of Memory Installed are the Correct Answers:

Processor Speed: Directly affects the computational power available to process database transactions and queries.

Amount of Memory Installed: Directly impacts the ability of the server to store and access data quickly, enhancing database performance by reducing the need to access slower disk storage.

Reference:

Best Practices for Database Performance: Database Performance Tuning

Understanding Server Hardware for Databases: Server Hardware Guide

These considerations ensure that the server is equipped to handle the demands of a database workload, providing the necessary performance and responsiveness.

## Question: 92

Your customer received a Customer Advisory for its HPE Tape Library MSL2024 with a critical firmware update.

Which tool should be used to update the library?

- A. HPE OneView
- B. HPE Command View for Tape Libraries
- C. HPE Data Services Cloud Console
- D. HPE StoreEver TapeAssure Advanced

**Answer: B**

Explanation:

HPE Command View for Tape Libraries: This is the recommended tool for managing and updating HPE tape libraries, including the MSL2024. It provides a comprehensive interface for firmware updates, diagnostics, and management tasks specific to tape libraries.

Reference:

HPE Command View for Tape Libraries

### Question: 93

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

**Answer: D**

ML Series: The HPE ProLiant ML series servers are designed as tower servers, making them ideal for small offices. They offer the necessary performance and scalability for File & Print workloads while being easy to manage and deploy in a small office environment.

Reference:

HPE ProLiant ML Series

### Question: 94

Your customer has a three tier server, storage, and networking infrastructure for their virtualized environment that needs to be refreshed. They have a very small IT team, and their business portfolio is expanding with a very predictable workload. Their growth requirements depend heavily on cash flow.

You need to provide a solution that will enable them to upgrade their capacity and performance in a linear way.

What HPE solution should you suggest?

- A. HPE GreenLake for Block Storage
- B. HPE SimpliVity

C. HPEdHCI

D. HPE DL Servers & Primera Storage

**Answer: B**

**Explanation:**

HPE SimpliVity: This is an ideal solution for small IT teams as it integrates compute, storage, and networking into a single hyper-converged infrastructure (HCI) platform. It simplifies management

and scales linearly, making it suitable for environments with predictable workloads and growth requirements that depend on cash flow.

**Reference:**

HPE SimpliVity

### **Question: 95**

Your customer needs to deploy 25 virtual machines and wants a pre-integrated solution that includes compute, storage, and data protection. What is the best platform for your customer?

A. HPE Apollo server portfolio

B. HPE SimpliVity platform

C. HPE Ezmeral Container platform

D. HPE Synergy platform

**Answer: B**

**Explanation:**

HPE SimpliVity platform: This hyper-converged infrastructure solution provides a pre-integrated package that includes compute, storage, and data protection. It is optimized for virtual machine deployments and offers simplified management, making it the best choice for deploying 25 VMs with integrated data protection.

**Reference:**

HPE SimpliVity

**Question: 96**

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

**Answer: B**

**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: 97

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

**Answer: D**

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 cloudnative 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: 98

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

## **Answer: A**

### **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

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## Question: 99

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

**Answer: C**

### 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: 100

How does HPE GreenLake platform benefit customers? (Select two.)

- A. Manages entirely through HPE OneView services to allocate the correct industry and portfolio experts for the required task
- B. Allows a simple point-and-click automated provisioning via a self-service portal
- C. Provides management through CloudPhysics for infrastructure projects
- D. Enables customers to manage capacity ahead of demand
- E. Provides a dedicated backup service at no cost for all HPE GreenLake workloads to provide data protection across the platform

**Answer: BD**

Explanation:

Understanding the Benefits of HPE GreenLake:

HPE GreenLake is an as-a-service offering that provides a flexible, pay-per-use model for IT resources.

It aims to simplify IT management and provide a cloud-like experience on-premises.

Option Analysis:

- A . Manages entirely through HPE OneView services: HPE OneView is a management tool for infrastructure automation, but it is not specifically a core feature of GreenLake.
- B . Allows a simple point-and-click automated provisioning via a self-service portal: This is a key feature of HPE GreenLake, providing ease of use and quick resource provisioning.
- C . Provides management through CloudPhysics: CloudPhysics is a different tool focused on analytics and planning, not specifically a part of GreenLake.
- D . Enables customers to manage capacity ahead of demand: HPE GreenLake offers capacity management to anticipate and scale resources as needed.
- E . Provides a dedicated backup service at no cost for all HPE GreenLake workloads: While GreenLake offers various services, dedicated backup service at no cost is not a standard offering across all workloads.

Why B and D are the Correct Answers:

- B . Automated Provisioning: The self-service portal in HPE GreenLake allows users to provision resources quickly and efficiently, improving operational agility.
- D . Capacity Management: HPE GreenLake provides tools to monitor and manage capacity, ensuring that resources are available ahead of demand, preventing over-provisioning or under-provisioning.

Reference:

HPE GreenLake Overview: [HPE GreenLake](#)

GreenLake Benefits: [GreenLake Benefits](#)

## Question: 101

A customer's infrastructure includes HPE StoreOnce and HPE ProLiant devices. They need an HPE solution that includes cloud-based machine learning, health and performance monitoring that can be used to make proactive decisions.

What should you recommend?

- A. HPE GreenLake Central
- B. HPE iLO Amplifier
- C. HPE InfoSight

D. HPE OneView

**Answer: C**

**Explanation:**

**Understanding the Requirements:**

The customer needs a solution for cloud-based machine learning, health and performance monitoring.

The solution should assist in making proactive decisions regarding infrastructure.

**Solution Options:**

A . HPE GreenLake Central: A management platform for HPE GreenLake, but it is not specifically designed for proactive infrastructure monitoring through machine learning.

B . HPE iLO Amplifier: Primarily used for firmware updates and health monitoring of HPE servers, but lacks comprehensive machine learning capabilities.

C . HPE InfoSight: A cloud-based AI platform for proactive monitoring, performance optimization, and predictive analytics for HPE infrastructure.

D . HPE OneView: Infrastructure management software, but does not provide the same level of predictive analytics and proactive monitoring as InfoSight.

**Why HPE InfoSight (C) is the Best Fit:**

**Proactive Monitoring:** HPE InfoSight uses AI to predict and prevent issues before they impact operations.

**Machine Learning:** Continuously learns from the telemetry data collected across the installed base, providing insights and recommendations.

**Comprehensive Coverage:** Monitors the health and performance of HPE StoreOnce, ProLiant, and other devices, making it ideal for the customer's mixed environment.

**Reference:**

HPE InfoSight Overview: HPE InfoSight

Benefits of HPE InfoSight: Why HPE InfoSight?

## Question: 102

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

**Answer: B**

### 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: 103**

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

**Answer: C**

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.

Reference:

HPE IML Documentation: Integrated Management Log (IML)

Server Management Guide: HPE ProLiant Server Management

### Question: 104

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

**Answer: D**

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.

Reference:

HPE Smart Storage Administrator: Smart Storage Administrator (SSA)

HPE SSD Wear Gauge: HPE SSD Management

## Question: 105

What is the GreenLake as-a-Service "Buffer"?

- A. Capacity that is installed by HPE for management and logs
- B. Capacity that is installed and reserved by the system in the event of failure
- C. Capacity that is installed by HPE and is available for consumption when required
- D. Capacity that is reserved by GreenLake Central for HPE upgrades and firmware updates

**Answer: C**

Explanation:

Understanding the Concept:

The "Buffer" in HPE GreenLake refers to additional capacity provided within the as-a-service model.

Buffer Options:

- A . Capacity for Management and Logs: While necessary, this is not specifically referred to as the "Buffer."
- B . Reserved Capacity for Failure: Critical but not the primary purpose of the "Buffer" in the GreenLake context.
- C . Capacity Available for Consumption: This aligns with the "Buffer" concept in GreenLake, where extra capacity is pre-installed and can be used as demand increases.
- D . Reserved for Upgrades and Updates: Not specifically referred to as the "Buffer."

Why C is the Correct Answer:

On-Demand Availability: The buffer capacity is pre-installed and immediately available, allowing customers to scale quickly without waiting for additional infrastructure to be provisioned.

Flexibility: It ensures that there is always enough capacity to handle unexpected increases in demand.

Reference:

HPE GreenLake Overview: [HPE GreenLake](#)

Understanding HPE GreenLake Buffer Capacity: [HPE GreenLake Buffer](#)

## Question: 106

Your customer has a ProLiant DL380 Gen10 server. They have a health issue with one of the server's power supplies, and they want to download an Active Health System log on to create a support case.

How can they get the Active Health System Log? (Select two.)

- A. Service Pack for ProLiant
- B. Smart Update Manager
- C. iLO web interface
- D. iLO Repository
- E. cURL Utility

**Answer: CE**

Explanation:

Understanding the Requirements:

The customer needs to download an Active Health System (AHS) log for a ProLiant DL380 Gen10 server to create a support case.

Log Access Options:

- A. Service Pack for ProLiant: Used for firmware and driver updates but not specifically for downloading AHS logs.
- B. Smart Update Manager: Similar to Service Pack, used for updates, not AHS log extraction.

C . iLO Web Interface: Provides direct access to AHS logs via the server's integrated lights-out management interface.

D . iLO Repository: A repository for firmware and software updates, not for extracting logs.

E . cURL Utility: Can be used to script and automate the download of AHS logs via the iLO RESTful API.

Why C and E are the Correct Answers:

C . iLO Web Interface: The iLO web interface provides an easy, GUI-based method to download the AHS log.

E . cURL Utility: Allows for automated and script-based retrieval of AHS logs, useful for integrating into support workflows.

Reference:

HPE iLO User Guide: [HPE iLO User Guide](#)

Using cURL with iLO: [iLO RESTful API Documentation](#)

### Question: 107

A customer needs new switches that are stackable, Layer 2, and provide PoE. Which switch should you recommend?

A. CX 6400

B. CX6100

C. CX 6200F

D. CX 6300

**Answer: D**

Explanation:

Understanding the Requirements:

The customer needs stackable switches that support Layer 2 functionality and Power over Ethernet (PoE).

Switch Options:

A . CX 6400: High-end modular switch series, offering Layer 3 functionality but might be overkill for just Layer 2 and PoE requirements.

B . CX 6100: Entry-level switch series, may not offer the full stackable capabilities and PoE required.

C . CX 6200F: This specific model is not typically associated with PoE and stackable capabilities needed.

D . CX 6300: Stackable, Layer 2 switch with PoE support, making it a suitable choice.

#### Why CX 6300 (D) is the Best Fit:

Stackability: The CX 6300 series supports stacking, allowing for scalable network deployments.

PoE Support: Provides Power over Ethernet, essential for powering devices like IP cameras and phones.

Layer 2 Functionality: Meets the requirement for Layer 2 network capabilities, making it a well- rounded choice.

#### Reference:

Aruba CX 6300 Series Switches: Aruba CX 6300

HPE Switch Selection Guide: HPE Networking Switches

### Question: 108

You need to recommend a RAID level for an MSA 2072 storage array that will ensure best performance and maximum resiliency for your customer.

Which RAID level is best?

- A. MSA-DP+
- B. Triple+ Parity
- C. RAID 0
- D. RAID 6

**Answer: A**

### Question: 109

After a server motherboard has been replaced, what should you check before the engineer leaves? (Select two.)

- A. Boot drives are formatted for new deployment
- B. Validate firmware has been upgraded/downgraded to server baseline
- C. ILO license entitlement is transferred
- D. Fiber Channel WWID are updated in zone DB
- E. Operating system patches are installed

**Answer: B, C**

**Question: 110**

You received a Customer Advisory from HPE stating that a critical firmware update is needed on an HPE Proliant Gen11 server. You need to deploy the necessary firmware, drivers, and tools on this server.

- A. HPE iLO Enablement Pack
- B. HPE InfoSight
- C. HPE Smart Update Manager (SUM)
- D. HPE GreenLake Compute Ops Manager

**Answer: C**

**Question: 111**

Your customer wants to deploy HPE StoreOnce VS A. Which hypervisors are supported? (Select two.)

- A. RHEV
- B. XEN
- C. Hyper-V
- D. KVM
- E. vSphere

**Answer: C, E**

**Question: 112**

Your customer accidentally disabled ILO functionality during a proof of concept. During your next customer visit, which tool should be used to activate it?

- A. UEFI System Utilities
- B. HPE InfoSight
- C. iLO Web interface
- D. HPEOneView

**Answer: A**

**Question: 113**

A customer needs to run, manage, and optimize their entire hybrid cloud environment using an intuitive, self-service portal. Which HPE tool should be used?

- A. HPEOneview
- B. HPE iLO

- C. HPE GreenLake Central
- D. HPE GreenLake Cloud Console

**Answer: D**

**Question: 114**

Where can you Find online cloud based management and analytics for HPE Alletra?

- A. CloudPhysics
- B. Integrated Quoter
- C. Compute Ops Management
- D. Data Ops Manager

**Answer: D**

**Question: 115**

You need to respond to a request for a new VMware visualization platform. The customer is 100% virtualized and wants a solution that provides integrated backup along with an online monitoring capability.

Which HPE storage product is the best fit for this requirement?

- A. HPE Nimble dHCI
- B. HPE Alletra 6000
- C. HPE SimpliVity
- D. HPE MSA Gen7

**Answer: C**

**Question: 116**

You need to design a server, storage and networking solution for your customer who is migrating to a new data center. The new data center enforces environmental limitations on a per rack basis.

Which tool should you use to confirm the solution is under enforced limits?

- A. One Config Simple
- B. HPE Smart CID
- C. NinjaSTARS
- D. HPE Power Advisor

**Answer: D**

**Question: 117**

Your customer is currently using a legacy network infrastructure and a 3rd party tool for network troubleshooting. They want to migrate to the AOS-CX platform. Your customer also wants the option to monitor and troubleshoot at the access layer. What should you demonstrate?

- A. Aruba Network Analytics Engine
- B. Aruba NetEdit
- C. HPEOneView
- D. OpenFlow

**Answer: A**

**Question: 118**

Which components make up a CloudPhysics assessment? (Select two.)

- A. Storage Assessment Foundry web-based platform for analysis of collected data
- B. SAFcollector.exe Collector as a Data Collector
- C. A data collector virtual appliance
- D. The cp.exe application deployed across virtual machines as a data collector
- E. A cloud-based SaaS platform that presents actionable insights through a web browser

**Answer: B, E**

**Question: 119**

You want to show the feature of Intelligent System Tuning that enhances the IT administrative experience by tuning the BIOS settings to optimize performance, power, latency, memory, and other variables following best practices.

Which feature provides this functionality?

- A. Core Boosting
- B. Jitter Smoothing
- C. Workload profiles
- D. Intelligent Provisioning

**Answer: C**

**Question: 120**

Your customer has a newly installed CX6300 switch with multiple hosts connected that need to communicate. Which

mandatory action needs to be performed?

- A. Every switch needs to have a hostname and management IP address assigned before it will allow communication on its ports.
- B. The switch needs to be registered with HPE Aruba Central before communications are possible.
- C. A 'No Shutdown' command needs to be performed on ports where the hosts are connected.
- D. A VLAN needs to be configured on each port of that switch to enable communications.

**Answer: C**

### **Question: 121**

You are explaining the benefits of hybrid cloud implementation to your customer. Which two key benefits does this solution provide? (Select two.)

- A. Integrate across data sets and business groups
- B. Complete removal of local firewalls
- C. Zero hardware expenditures
- D. Ability to unify operations and management
- E. Lower cost per GB of local storage

**Answer: A, D**

### **Question: 122**

Your customer requests a hardware platform that supports an in-house developed application. High- performance local storage and low latency are also required. Which drive technology meets these requirements?

- A. NVMe
- B. 12G SAS
- C. SATA 6G
- D. 15K SAS

**Answer: A**

### **Question: 123**

Your customer wants an on-premises storage solution to store backup data from their existing IT infrastructure in an efficient way. They want to use an existing physical host in their environment that has enough local 'free' capacity. Which HPE solution should you recommend?

- A. HPE StoreOnce 5260
- B. HPE CloudBank
- C. HPE SimpliVity

D. HPE StoreOnce VSA

**Answer: D**

### Question: 124

Your customer has an MSA2070 that requires 512 Snapshots per system. Which license is required to provide this feature?

- A. HPE iLO Advanced
- B. HPE Catalyst license
- C. HPE OneView Advanced
- D. HPE Advanced Data Services

**Answer: D**

### Question: 125

Your customer wants to move their in-house programming activities to a more agile style of development. You need to recommend a platform for a DevOps approach to application development.

Which workload meets this requirement?

- A. Visualization
- B. Containers
- C. AI/ML
- D. VDI

**Answer: C**

### Question: 126

You configure an Aruba CX6200 switch to meet your customer's requirement. you want to save all your settings and make sure that your configuration stays during a reboot of the switch.

Which two commands are valid for saving your current configuration to the switch's flash memory? (Select two.)

- A. Switch # copy startup-config running-config
- B. Switch # save
- C. Switch # copy current-config sftp
- D. Switch # write memory
- E. Switch # copy running-config startup-config

**Answer: D, E**

**Question: 127**

Your customer has a limited budget and needs to deploy a remote workforce solution. You need to select a GreenLake service that meets these requirements. Which service should you recommend?

- A. HPE GreenLake for High Performance Compute
- B. HPE GreenLake for Containers
- C. HPE GreenLake for Compute
- D. HPE GreenLake for Virtual Desktop

**Answer: D**

**Question: 128**

Your customer wants an HPE Aruba core networking solution that is

- stackable
- provides 1/10/25/50GbE uplinks
- supports HPF Smart Rate to work with the existing Aruba WIFI network

Which HPE Aruba switching family meets these requirements?

- A. Aruba CX 6100
- B. Aruba CX 6300
- C. Aruba 5100 z12
- D. Aruba CX 8325 v2

**Answer: D**