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Question 1

Question Type: MultipleChoice

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

Options:

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 2

Question Type: MultipleChoice

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.)

Options:

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

Answer:

C, E

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 3

Question Type: MultipleChoice

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

Options:

- 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 4

Question Type: MultipleChoice

How do you access the SSD Wear Gauge report?

Options:

- 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 5

Question Type: MultipleChoice

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?

Options:

- 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 6

Question Type: MultipleChoice

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?

Options:

- 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 7

Question Type: MultipleChoice

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?

Options:

- 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 8

Question Type: MultipleChoice

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

Options:

- 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:

B, D

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 9

Question Type: MultipleChoice

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?

Options:

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 10

Question Type: MultipleChoice

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

Options:

- 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

Question 11

Question Type: MultipleChoice

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?

Options:

- 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 12

Question Type: MultipleChoice

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?

Options:

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.

HPE SimpliVity

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