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Exam Code: HPE0-V27

Exam Name: HPE Edge-To-Cloud Solutions



Exam A

QUESTION 1

Your customer has the following concerns about your dHCI proposal:

The extended lead times for some parts of the solution do not meet their Project timelines.

They do not have sufficient IT resources to deploy a new solution.

They are struggling with the initial cost outlay.

Which solution addresses all three of their concerns?

- A. Use the HPE TCO and ROI calculator to develop a compelling business case that highlights the value proposition as well as essential financial metrics that are important to the customers.
- B. Use the HPE Assessment Foundry to find ways to lower the amount of storage needed. Use the results of the reports to use cheaper drives in the storage array. Also HPE Pointnext services for installation.
- C. Rebuild the solution in OCA, and look for opportunities in the tool to replace long lead time components with similar components that have shorter lead times. Also with your sales team to revise the cost of the solution to meet customer needs.
- D. Rebuild your solution using the HPE GreenLake Quick Quote tool. With HPE GreenLake, the solution can be delivered in as little as 14 days, GreenLake solution deployed by HPE, and the solution is billed monthly.

Correct Answer: D

Section:

Explanation:

The solution that addresses all three of the customer's concerns is D. Rebuild your solution using the HPE GreenLake Quick Quote tool. With HPE GreenLake, the solution can be delivered in as little as 14 days, GreenLake solution deployed by HPE, and the solution is billed monthly. This is because HPE GreenLake is a cloud service that delivers on-premises or edge solutions with a pay-per-use pricing model, flexible capacity, and fully managed services. HPE GreenLake offers the following benefits for the customer:

It reduces the lead time for the solution delivery, as HPE GreenLake can provide ready-to-ship solutions in 14 days or less, depending on the availability and complexity of the solution¹².

It lowers the IT resources required to deploy and manage the solution, as HPE GreenLake provides end-to-end services, including installation, configuration, monitoring, backup, patching, and tuning of the solution, freeing up the customer's IT staff to focus on value-added activities¹³.

It alleviates the initial cost outlay, as HPE GreenLake charges the customer only for the actual usage of the solution, avoiding upfront capital expenses and overprovisioning or underutilization of resources¹⁴.

The other options do not address all three of the customer's concerns because:

A) Use the HPE TCO and ROI calculator to develop a compelling business case that highlights the value proposition as well as essential financial metrics that are important to the customers. This option may help the customer understand the long-term benefits and savings of the solution, but it does not address the customer's immediate concerns of lead time, IT resources, and initial cost outlay. The customer may still face delays, complexity, and upfront expenses with the solution⁵.

B) Use the HPE Assessment Foundry to find ways to lower the amount of storage needed. Use the results of the reports to use cheaper drives in the storage array. Also HPE Pointnext services for installation. This option may help the customer optimize the storage capacity and performance of the solution, as well as simplify the installation process, but it does not address the customer's concerns of lead time and initial cost outlay. The customer may still face long delivery times for some components of the solution, and may have to pay a high upfront price for the solution and the services^{6,7}.

C) Rebuild the solution in OCA, and look for opportunities in the tool to replace long lead time components with similar components that have shorter lead times. Also with your sales team to revise the cost of the solution to meet customer needs. This option may help the customer reduce the lead time and the initial cost outlay of the solution, but it does not address the customer's concern of IT resources. The customer may still have to allocate significant IT resources to deploy and manage the solution, and may compromise on the quality or performance of the solution by replacing some components⁸.

HPE GreenLake -- Cloud Services for Your Entire Estate

HPE GreenLake Quick Quote

HPE GreenLake Management Services

HPE GreenLake Central

HPE TCO and ROI Calculator

HPE Assessment Foundry

HPE Pointnext Services

HPE One Config Advanced (OCA)

QUESTION 2

You are presenting an HPE GreenLake for private Cloud Enterprise solution to a CFO.

Which financial key performance indicator (KPI) can you show via GreenLake Central?

- A. ROI
- B. TCO
- C. Net present value
- D. Metered charges

Correct Answer: D

Section:

Explanation:

HPE GreenLake for Private Cloud Enterprise is a cloud service that delivers a fully managed private cloud experience for bare metal, containers, and virtual machines in your private environment¹. It offers a public cloud-like operating model with pay-per-use pricing, self-service provisioning, and consumption analytics¹.

One of the financial key performance indicators (KPIs) that you can show via GreenLake Central, the online portal for managing and optimizing your HPE GreenLake services, is metered charges. Metered charges are the actual costs incurred by your usage of the HPE GreenLake for Private Cloud Enterprise service, based on the resources you consume and the service level agreement you choose². Metered charges are calculated and billed monthly, and you can view them in real time via GreenLake Central².

Metered charges are an important financial KPI for a CFO, as they reflect the value and efficiency of the HPE GreenLake for Private Cloud Enterprise service. By showing metered charges via GreenLake Central, you can demonstrate how the service aligns the costs with the outcomes, reduces the upfront capital expenditure, and optimizes the cash flow of the business³. You can also compare the metered charges with the budgeted charges, which are the estimated costs based on the initial capacity and service level agreement, to show the variance and savings achieved by the service².

The other options, such as ROI, TCO, and net present value, are not financial KPIs that you can show via GreenLake Central. ROI (return on investment) is a ratio that measures the profitability of an investment relative to its cost⁴. TCO (total cost of ownership) is a measure of the direct and indirect costs associated with acquiring and operating an asset or a service over its lifetime⁵. Net present value is a measure of the current value of a future stream of cash flows, discounted by a certain interest rate⁶. These are all useful financial metrics for evaluating the HPE GreenLake for Private Cloud Enterprise service, but they are not directly available or calculated via GreenLake Central. They require additional data and analysis from other sources, such as financial statements, market research, or industry benchmarks.

1: HPE GreenLake for Private Cloud Enterprise

2: HPE GreenLake for Private Cloud Enterprise: Scaling and orchestrating modern applications for the enterprise

3: HPE GreenLake: The cloud that comes to you

4: Return on Investment (ROI) Definition

5: Total Cost of Ownership (TCO) Definition

6: Net Present Value (NPV) Definition

QUESTION 3

Your customer has asked for various UEFI BIOS settings to be preconfigured at the Factory in their new servers. How do you submit the request for these changes to HPE?

- A. Add the required settings in the Customer Intent Document.
- B. Add the required settings in the Order Checklist.
- C. Export the configuration to an XML file, open in Word and add the required settings.
- D. Export the configuration to an OCA file, open in Word and add the required settings.

Correct Answer: A

Section:

Explanation:

The Customer Intent Document (CID) is a document that captures the customer's requirements and expectations for their HPE solution. It includes information such as the customer's business objectives, technical specifications, desired outcomes, and any special requests. The CID is used by HPE to design, configure, and deliver the solution that meets the customer's needs. One of the sections in the CID is the BIOS Settings section, where the customer can specify the UEFI BIOS settings that they want to be preconfigured at the factory in their new servers. The customer can choose from the predefined workload profiles or customize the settings according to their preferences. The CID is submitted to HPE along with the order for the solution. Reference:

HPE Edge-to-Cloud Solutions - Self-Directed Lab, page 10

BIOS Settings - Hewlett Packard Enterprise

QUESTION 4

A customer has significant growth of large, high-priority data-sets in their datacenter. The data is highly sensitive. What solution should be implemented and why?

- A. Traditional, as it is the easiest solution to implement and scale for data growth.
- B. Cloud, as it is the simplest solution and simplicity is best for security large data-sets.
- C. Hybrid solutions, as they are most common in secure, high-priority implementations.
- D. Traditional, as it can be completely isolated from potential external threats.

Correct Answer: C

Section:

Explanation:

A hybrid solution combines the best of both traditional and cloud models, allowing the customer to leverage the benefits of cloud services such as scalability, agility, and cost-efficiency, while maintaining control and security over their sensitive data in their own data center or colocation facility. HPE GreenLake is a hybrid cloud platform that delivers a cloud experience wherever the customer's apps and data live, with flexible and predictable pay-as-you-go pricing. HPE GreenLake also provides a unified and secure edge-to-cloud platform that connects and harnesses data across edge, data center, and public clouds, enabling data-driven insights and actions. HPE GreenLake can help the customer address their data growth and security challenges by providing them with a tailored solution that meets their specific needs and use cases. Reference: <https://www.hpe.com/us/en/solutions/edge-to-cloud.html>
<https://www.hpe.com/us/en/hpe-edge-to-cloud-transformation-program.html>
<https://hpepress.hpe.com/product/Edge%20to%20Cloud%20Solutions%20Engineered%20Experiences%20to%20Unlock%20Your%20Full%20Potential-eBook-19332>

QUESTION 5

A customer wants to implement a solution that doesn't limit any future operational expenditures. Which type of solution should you choose and why?

- A. A hybrid solution because moving workloads into the cloud always reduce total cost.
- B. A hybrid solution as the expenditure model is simple.
- C. A Cloud solution with a pay-per-use model with on-demand scaling of resources.
- D. A traditional solution works best because it takes no capital expenditure to deploy.



Correct Answer: C

Section:

Explanation:

A cloud solution with a pay-per-use model allows the customer to pay only for the resources they consume, such as compute, storage, network, or software services¹.
A cloud solution with a pay-per-use model also enables the customer to scale up or down their resources on-demand, depending on their workload and performance needs¹.
A cloud solution with a pay-per-use model can help the customer reduce their operational expenditures (OPEX) by eliminating the need for upfront capital investments, maintenance costs, and overprovisioning of resources¹.
A hybrid solution, which combines cloud and on-premises resources, may not always reduce the total cost of ownership, as it depends on the workload characteristics, the cloud pricing model, and the integration and management complexity².
A hybrid solution may also have a more complicated expenditure model, as it involves both OPEX and CAPEX, and requires careful planning and optimization of the resource allocation and utilization².
A traditional solution, which relies on on-premises hardware and software, requires a high capital expenditure (CAPEX) to deploy, as well as ongoing maintenance, upgrade, and support costs³.
A traditional solution also limits the customer's flexibility and agility, as they have to deal with fixed and finite resources, and longer provisioning and deployment cycles³.
The references are:
1:Cloud Computing Pricing Models²:Hybrid Cloud Cost Optimization³:Cloud vs On-Premise Software Comparison

QUESTION 6

Which tool is available to help you to engage with the customer to present the economic impact of an HPE GreenLake solutions?

- A. HPE GreenLake Estimator
- B. HPE Assessment Foundry
- C. HPE GreenLake Quick Quote

D. HPE GreenLake Central

Correct Answer: A

Section:

Explanation:

The HPE GreenLake Estimator is a tool that helps you to generate pricing estimates for various HPE GreenLake cloud services and workloads, based on your customer's specific needs and parameters. The tool allows you to define your workload, review suggested configurations, fine-tune your specifications, and receive an email with your estimate. The tool also provides you with a comparison of the total cost of ownership (TCO) between HPE GreenLake and traditional IT models, as well as the potential savings and benefits of choosing HPE GreenLake. The HPE GreenLake Estimator is a useful tool to engage with your customer and present the economic impact of an HPE GreenLake solution, as well as to initiate the process of creating a formal quote. Reference: <https://paths.ext.hpe.com/c/hpe-greenlake-for-backup-and-recovery-cost-estimator?x=pd4vnk>
https://www.hpe.com/psnow/resources/ebooks/a00092451en_us_v36/Pricing-estimates-and-quotes-for-services.html
<https://www.servercomputeworks.com/pricing.asp>

QUESTION 7

What is the correct method to calculate incremental cash flow?

- A. Subtract projected decrease in revenue or increase in costs from the initial investment.
- B. Divide the increase in revenue by the time needed to offset the IT investment.
- C. Multiply the increase in revenue by the time needed to offset the IT investment.
- D. Subtract projected increase in revenue or decrease in costs from the initial investment.

Correct Answer: D

Section:

Explanation:

Incremental cash flow is the difference between the cash flow of a project with the investment and the cash flow of the same project without the investment. It represents the net change in cash flow that results from making the investment. The correct method to calculate incremental cash flow is to subtract projected increase in revenue or decrease in costs from the initial investment. This method captures the additional cash inflows and outflows that are attributable to the investment, and excludes any cash flows that are unrelated to the investment. Incremental cash flow can help you evaluate the profitability and feasibility of an IT investment by comparing it to the required rate of return or the payback period. Reference: HPE Edge-to-Cloud Solutions - Self-Directed Lab, HPE Edge-to-Cloud Solutions - Official Certification Study Guide, Incremental Cash Flow Definition, How to Calculate Incremental Cash Flow

QUESTION 8

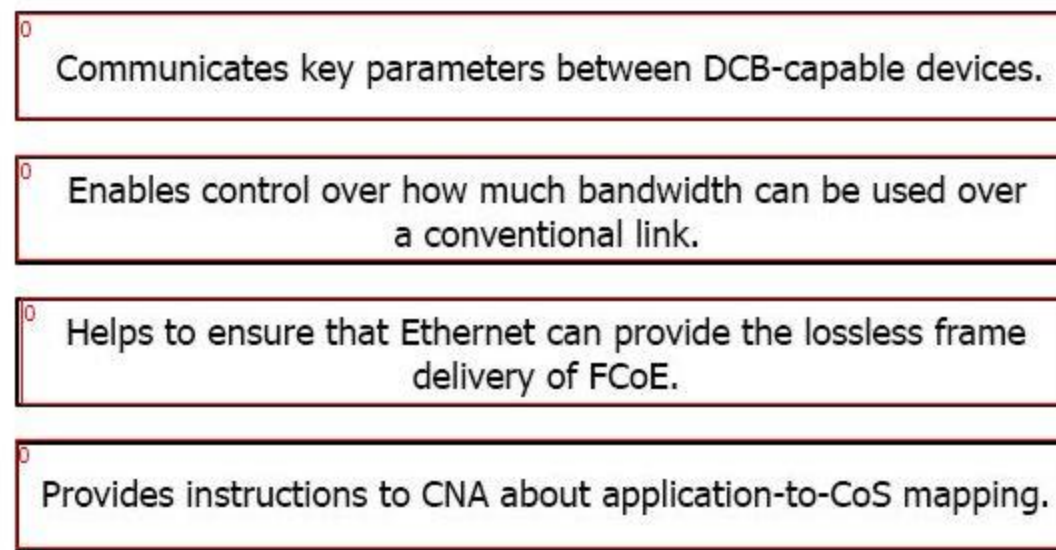
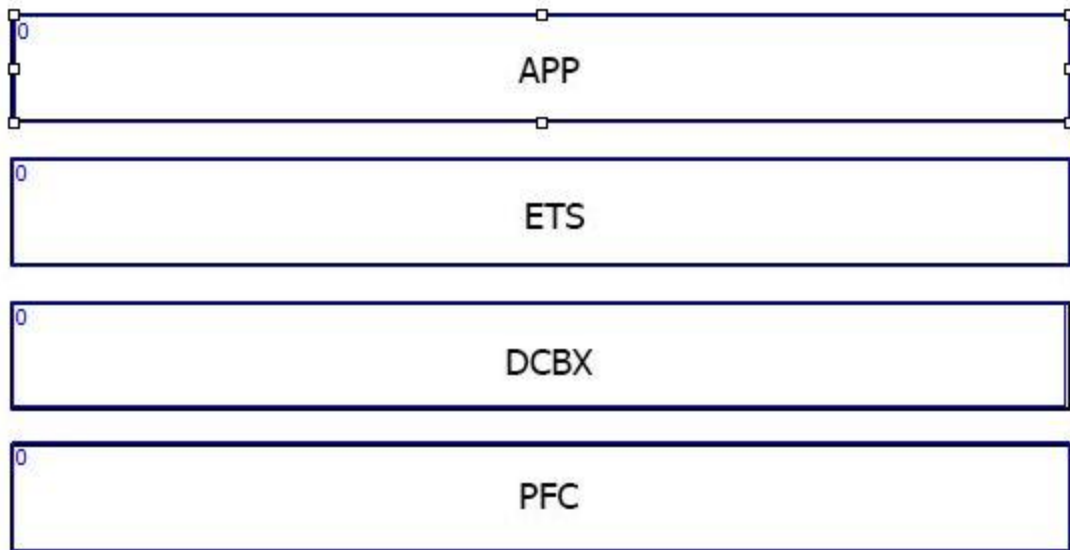
DRAG DROP

Match each Data Center Bridging (DCB) protocol component with its description.

Select and Place:

DCB protocol component

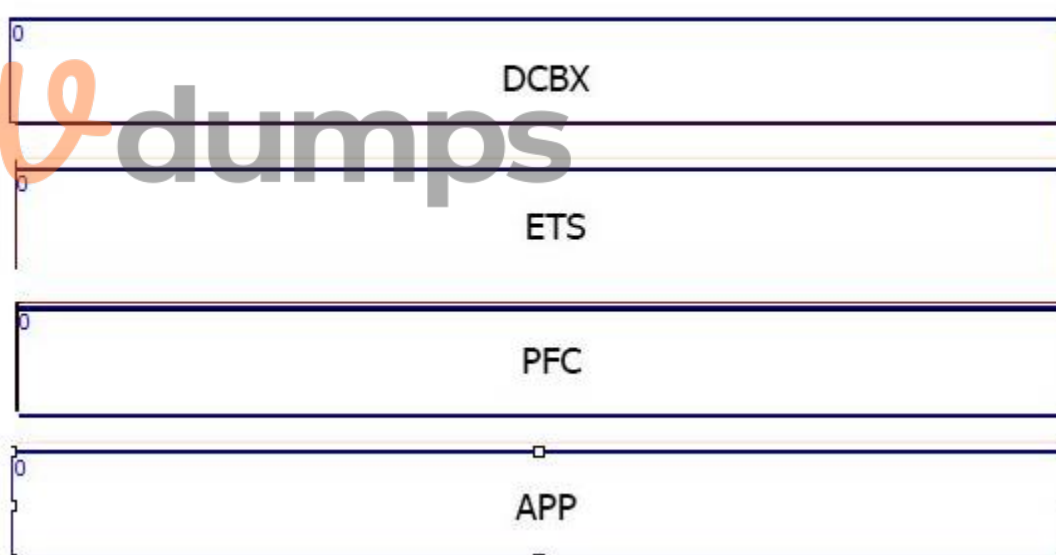
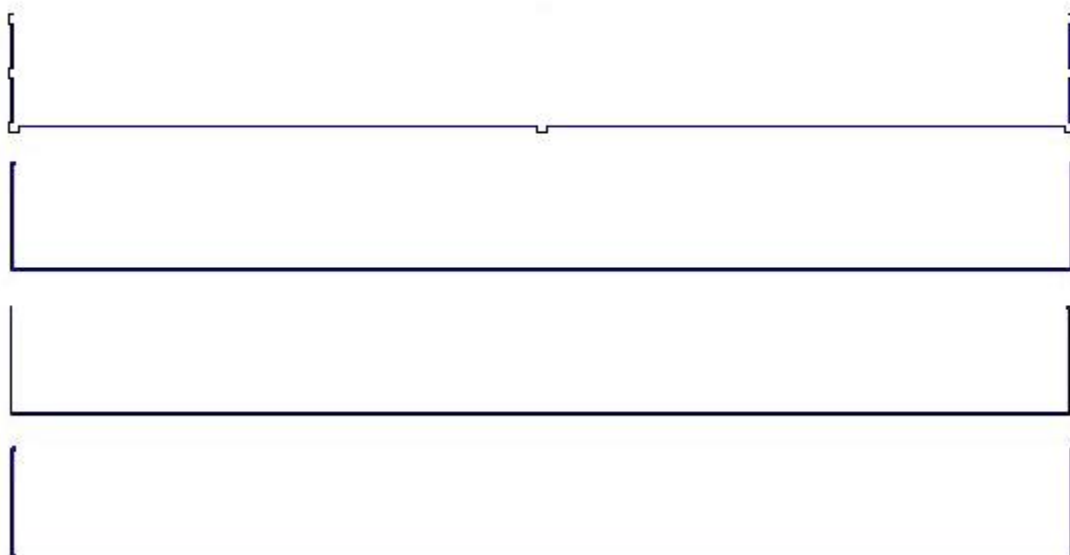
Description



Correct Answer:

DCB protocol component

Description



Section:

Explanation:

QUESTION 9

You are presenting an HPE GreenLake for Private Cloud Enterprise proposal. Which of the following statements is true?

- A. It only supports containerized workloads.
- B. It only supports virtualization workloads.
- C. It can support both containerized and virtualization workloads at the same time.
- D. It can support either containerized or virtualization workloads, but not at the same time.

Correct Answer: C

Section:

Explanation:

HPE GreenLake for Private Cloud Enterprise is a fully managed cloud service that delivers a consistent cloud experience across bare metal, containers, and virtual machines (VMs) in the customer's private environment. It supports both containerized and virtualization workloads at the same time, enabling customers to run any application or mission-critical workload on the platform of their choice. It also provides self-service access, automation, consumption analytics, and enterprise-grade SLAs for the entire lifecycle of the service¹²³. Reference:

HPE GreenLake for Private Cloud Enterprise

HPE GreenLake Advances Hybrid Cloud Experience with Modern Private Cloud and New Cloud Services

Addressing hybrid cloud application challenges using HPE GreenLake for Private Cloud Enterprise

QUESTION 10

Due to legal restriction to some geographies, which feature is excluded from HPE StoreOnce demonstration license?

- A. Catalyst Store
- B. Trusted Platform Module
- C. encryption
- D. federated management

Correct Answer: C

Section:

Explanation:

HPE StoreOnce demonstration license is a temporary license that enables StoreOnce Catalyst and Replication features for 90 days. However, due to legal restrictions in some countries, the encryption feature is excluded from the demonstration license. Encryption is a feature that protects data at rest on StoreOnce systems by using AES-256 encryption algorithm. To use encryption, a separate license must be purchased and applied to the StoreOnce system. Encryption is not available in the following countries: Belarus, Burma, China, Cuba, Iran, North Korea, Sudan, Syria, and Venezuela. Reference: Licensing problems | HPE StoreOnce 2xxx - 5xxx System User Guide for StoreOnce software version 3.18.x, HPE StoreOnce Networking Licenses | HPE Store US

QUESTION 11

Your customer needs to deploy compute infrastructure in a harsh environment with inlet temperatures exceeding ASHRAE Class4, up to 55 degrees C. Which HPE compute offering should you recommend?

- A. HPE Apollo 6500 Gen10 Plus
- B. HPE ProLiant DL380 Den10 Plus
- C. HPE Edgeline 8000
- D. HPE ProLiant DL380 Gen10 Plus Carrier Grade

Correct Answer: C

Section:

Explanation:

HPE Edgeline 8000 is a ruggedized and modular edge system that delivers high performance, availability, and scalability for compute-intensive workloads in harsh environments. HPE Edgeline 8000 supports up to 16 blades with Intel Xeon Scalable processors, up to 1.5TB of memory per blade, and up to 48TB of storage per system. HPE Edgeline 8000 also offers integrated networking, security, and management features, as well as optional GPU and FPGA acceleration. HPE Edgeline 8000 can operate in temperatures ranging from -10C to 55C, exceeding the ASHRAE Class4 standard¹². Reference: HPE Edgeline 8000 | HPE Store US, HPE Edgeline 8000 - Data Sheet

QUESTION 12

You are presenting a new HPE SimpliVity solution to a potential customer. They want to see the easy management and integration into other HPE management options. Which tool can you or your customer use?

- A. HPE SAN Desing Reference Guide
- B. HPE Demonstration Portal

- C. HPE Product Bulletin
- D. HPE Assessment Foundry

Correct Answer: B

Section:

Explanation:

The HPE Demonstration Portal is a tool that allows you or your customer to access and experience various HPE solutions, including HPE SimpliVity, in a live or simulated environment. You can use the portal to demonstrate the easy management and integration of HPE SimpliVity into other HPE management options, such as HPE OneView, HPE InfoSight, and HPE Cloud Volumes Backup. The portal also provides resources such as videos, guides, and scripts to help you prepare and deliver effective demonstrations. Reference: HPE Demonstration Portal, HPE SimpliVity Hyperconverged, HPE SimpliVity System Administration, Using HPE SimpliVity Solutions, HPE SimpliVity Developer Portal

QUESTION 13

Compared to OCA, which additional datacenter characteristic is required to configure a solution in SSET?

- A. KW per rack
- B. Country
- C. Input voltage
- D. Input phase

Correct Answer: C

Section:

Explanation:

OCA (One Config Advanced) and SSET (Solution Sizer and Estimator Tool) are both tools that help design and configure HPE solutions. OCA is a web-based tool that allows users to create and validate configurations for HPE servers, storage, and networking products. SSET is a tool that helps users estimate the power, cooling, and space requirements for HPE solutions. SSET also provides recommendations for rack and power distribution units (PDUs). Compared to OCA, SSET requires an additional datacenter characteristic to configure a solution: the input voltage. This is because the input voltage affects the power consumption and efficiency of the solution. The input voltage can be either single-phase or three-phase, and it can vary depending on the country and region. SSET allows users to select the input voltage from a list of predefined values or enter a custom value. OCA does not require the input voltage as an input parameter, as it only focuses on the product configuration and compatibility. Reference: Edge to Cloud Solutions: Engineered Experiences to Unlock Your Full Potential, Chapter 5: Next Generation Compute, Storage, and Integrated Data Solutions, page 97. HPE SSET User Guide, page 7.

QUESTION 14

Your client needs a departmental Storage array to host a VDI workload at a remote office. The networking infrastructure is limited and the client has decided to connect the ESXi host servers with 12Gbps SAS. Which HPE Storage product will meet their requirements?

- A. HPE Alletra 9060
- B. HPE Nimble AF20
- C. HPE MSA 2062
- D. HPE Alletra 6030

Correct Answer: C

Section:

Explanation:

The HPE MSA 2062 is a cost-effective, entry-level storage array that supports 12Gbps SAS connectivity to the host servers. It is designed for small and medium-sized businesses, remote offices, and departmental workloads. It can host up to 325 virtual desktops with a single array and deliver up to 325,000 IOPS of performance. It also offers advanced data services such as snapshots, replication, encryption, and tiering. The HPE MSA 2062 is compatible with VMware vSphere and can be easily managed with HPE OneView or HPE StoreOnce. Reference:

[HPE MSA 2062 Storage]

[HPE MSA Storage Configuration and Best Practices for VMware vSphere]

[HPE MSA Storage Solutions]

QUESTION 15

Your customer needs a petabyte scale, geo-dispersed object Storage Platform.
Which Alliance solution will meet their requirement?

- A. HPE Solutions for Scalitv ARTESCA
- B. HPE Solutions for Qumulo
- C. HPE Solutions for Scalitv RING
- D. HPE Solutions for Cohesity

Correct Answer: C

Section:

Explanation:

HPE Solutions for Scalitv RING is a software-defined storage solution that provides cloud storage on-premises with data capacity from terabytes to exabytes in a single name space¹.

HPE Solutions for Scalitv RING supports multiple single- and geo-dispersed data configurations, including erasure coding across sites, which enables high availability and durability of data across different locations¹.

HPE Solutions for Scalitv RING offers a native S3 API and file protocols, such as NFS and SMB, that provide connection to most business applications and cloud-native workloads¹.

HPE Solutions for Scalitv RING also provides built-in ransomware protection, federated data management, and flexible deployment options, such as HPE GreenLake edge-to-cloud platform¹.

HPE Solutions for Scalitv ARTESCA is a lightweight solution optimized for S3 access from cloud-native applications, but it does not support geo-dispersed data configurations or file protocols².

HPE Solutions for Qumulo is a file data platform that provides real-time visibility, scale, and control of data across on-premises and cloud environments, but it does not support object storage or erasure coding across sites³.

HPE Solutions for Cohesity is a data management platform that simplifies backup, recovery, and data protection across hybrid cloud environments, but it does not support petabyte-scale or geo-dispersed object storage⁴.

The references are:

1:HPE Solutions with Scalitv2:HPE Solutions for Scalitv ARTESCA3: HPE Solutions for Qumulo4: HPE Solutions for Cohesity

QUESTION 16

When should a customer be offered an HPE GreenLake Cloud Service trial?

- A. When the customer wants to evaluate a high-performance, large-scale power-user VDI cluster in the public cloud.
- B. When the customer wants to evaluate 24/7 support for their mission critical workloads residing in a collocated datacenter.
- C. When the customer wants to experience Platform as a Service (PaaS) that is inclusive of technology. Support, metering and management.
- D. When the customer wants to experience next generation technology not yet released for public consumption.

Correct Answer: C

Section:

Explanation:

HPE GreenLake Cloud Services are designed to provide customers with a cloud-like experience for their on-premises and edge workloads, with flexible and predictable pay-per-use pricing, self-service provisioning, and unified management. HPE GreenLake Cloud Services offer a range of solutions for different use cases, such as infrastructure, containers, SAP HANA, VDI, private cloud, and HPC. HPE GreenLake Cloud Services also include technology, support, metering, and management as part of the platform as a service offering, which simplifies the customer's IT operations and reduces their total cost of ownership. HPE GreenLake Cloud Services Try & Buy Offer is a program that allows customers to try HPE GreenLake Cloud Services for free for 30 days, and evaluate how they can benefit from the cloud economics, agility, and scalability of HPE GreenLake. Customers can choose from various cloud services and test them in their own data center or colocation facility, with no upfront investment or commitment. Customers can also access HPE experts and resources to help them with the trial and the transition to HPE GreenLake. Therefore, a customer should be offered an HPE GreenLake Cloud Service trial when they want to experience platform as a service that is inclusive of technology, support, metering and management, and see how it can transform their IT and business outcomes.Reference:<https://www.hpe.com/in/en/greenlake/as-a-service-offers.html>

https://connect.hpe.com/HPE_Backup_and_Recovery_Trial

QUESTION 17

Your customer would like to transition their bare metal server from a traditional deployment model to an HPE GreenLake Private Cloud Enterprise solution.
Which aspect of the shared responsibility model will be retained by the customer?

- A. OS Vulnerability mitigation.
- B. HPE GreenLake central threat detection.

- C. Firmware management.
- D. Secure supply chain.

Correct Answer: A

Section:

Explanation:

The shared responsibility model for HPE GreenLake services defines the roles and responsibilities of HPE and the customer in ensuring the security and compliance of the cloud infrastructure and data. According to this model, HPE is responsible for providing a secure supply chain, firmware management, and threat detection for the HPE GreenLake Private Cloud Enterprise solution, while the customer is responsible for managing the OS vulnerability mitigation, data protection, identity and access management, and application security. Therefore, the aspect of the shared responsibility model that will be retained by the customer is OS vulnerability mitigation. Reference: Sharing responsibility for security with HPE GreenLake, Understanding the HPE GreenLake For VMware Cloud Foundation Model, HPE GreenLake Cloud Practitioner Foundations

QUESTION 18

Your customer acquired their Gen10 Plus servers through HPE GreenLake last year. They want to add HPE GreenLake for Block Storage to their GreenLake footprint. They ask you for a quote, and you inform them that you can start this process through their HPE GreenLake Central instance via a wizard-driven application.

What information do you need to gather for the wizard? (Choose two.)

- A. Reserved capacity
- B. HPE customer ID
- C. Site contact info
- D. Datacenter address
- E. Subscription term

Correct Answer: C, E

Section:

Explanation:

To add HPE GreenLake for Block Storage to an existing HPE GreenLake account, you need to provide some basic information to the wizard-driven application in HPE GreenLake Central. According to the HPE GreenLake for Block Storage Getting Started Guide¹, you need to enter the following information:

Site contact info: This includes the name, email, and phone number of the person who will be the primary contact for the site where the block storage service will be deployed. This is required to ensure smooth communication and coordination between HPE and the customer.

Subscription term: This is the duration of the contract for the block storage service, which can range from 12 to 60 months. This is required to calculate the monthly billing and the minimum committed capacity for the service.

The other options are not required for the wizard. Reserved capacity is the amount of storage capacity that the customer wants to reserve for future use, which can be adjusted later. HPE customer ID is a unique identifier for the customer, which is already associated with the existing HPE GreenLake account. Datacenter address is the physical location of the datacenter where the block storage service will be deployed, which is already known to HPE from the previous HPE GreenLake service. Reference:

HPE GreenLake for Block Storage Getting Started Guide

HPE GreenLake for Block Storage planning overview

QUESTION 19

Your customer would like to adopt a pay-per-use consumption model with GreenLake for Private Cloud Enterprise.

Which important factor should you share with them?

- A. PCE bare metal servers are not included in pay-per-use billing.
- B. PCE is pay-per-use but must be serviced by an HPE Partner.
- C. The pay-per-use billing includes a minimum reserve.
- D. They can select any pay-per-use unit of measure they prefer.

Correct Answer: C

Section:

Explanation:

HPE GreenLake for Private Cloud Enterprise is a fully managed cloud service that delivers a public cloud-like experience for bare metal, containers, and VMs in your private environment. It is a true pay-per-use solution that allows you to pay for what you use, subject to a minimum monthly reservation fee. The minimum reserve is based on the expected usage of the infrastructure and can be adjusted as needed. The minimum reserve ensures that you have enough capacity to meet your performance and availability requirements, while also benefiting from the flexibility and scalability of the pay-per-use model. You can monitor your usage and billing through the HPE GreenLake Central portal, which provides consumption analytics and insights. Reference: HPE GreenLake for Private Cloud Enterprise, HPE GreenLake for private cloud data sheet, Modern private cloud made easy: HPE unveils HPE GreenLake for Private Cloud Enterprise

QUESTION 20

Which protocol should you recommend for a dedicated lossless fabric?

- A. Internet SCSI
- B. Fibre Channel (FCP)
- C. Fibre Channel over Ethernet (FCoE)
- D. Fibre Channel over IP (FCIP)

Correct Answer: C

Section:**Explanation:**

Fibre Channel over Ethernet (FCoE) is a protocol that allows Fibre Channel traffic to be encapsulated and transported over an Ethernet network. FCoE enables the convergence of storage and data networks, reducing the number of cables, switches, and adapters required for a dedicated lossless fabric. FCoE also preserves the features and benefits of Fibre Channel, such as high performance, reliability, security, and management. FCoE requires Enhanced Transmission Selection (ETS) and Priority-based Flow Control (PFC) to ensure lossless and low-latency transmission of storage traffic over Ethernet. HPE Aruba Ethernet-based storage fabrics support FCoE and provide cloud-like scalability and simplicity for data-driven applications. Reference: Advanced HPE Edge-to-Cloud Solutions, Rev. 22.31 (0001196323) H61Z2S, HPE Aruba Ethernet-based storage fabrics bring cloud-like scalability to data-driven applications

QUESTION 21

You are proposing a storage expansion solution to a customer Fibre Channel Array, to avoid capacity and performance issues. Which additional points should you consider in your proposed solution? (Choose two.)

- A. VLAN and SpanningTree configuration.
- B. The UPS model that is currently in use.
- C. Other workloads that are planned to be added to this array
- D. Current Ethernet network topology.
- E. Performance bottlenecks in the current solution.

Correct Answer: C, E

Section:**Explanation:**

When proposing a storage expansion solution to a customer Fibre Channel array, it is important to consider the current and future workloads that will use the array, as well as the performance bottlenecks that may affect the array's efficiency and availability. These two factors will help determine the optimal size, type, and configuration of the storage expansion, as well as the potential impact on the existing Fibre Channel network and the customer's business objectives.

C) Other workloads that are planned to be added to this array. This point is relevant because adding new workloads to the array will increase the demand for storage capacity and performance, which may require additional disks, controllers, or ports. The type and characteristics of the new workloads, such as their I/O patterns, data protection requirements, and service level agreements, will also influence the design of the storage expansion solution. For example, if the new workloads are I/O intensive or require high availability, the storage expansion solution may need to include solid-state drives (SSDs), RAID levels, or replication features that can meet those needs.

E) Performance bottlenecks in the current solution. This point is relevant because identifying and resolving the performance bottlenecks in the current solution will help improve the efficiency and utilization of the existing storage resources, as well as prevent potential issues in the expanded solution. Performance bottlenecks can occur at different layers of the storage solution, such as the disk, controller, switch, or host. Some common causes of performance bottlenecks are disk contention, controller overload, port congestion, or host configuration. To diagnose and mitigate the performance bottlenecks, the storage administrator can use tools such as HPE InfoSight, HPE 3PAR System Reporter, or HPE Command View EVA to monitor and analyze the performance metrics, such as IOPS, throughput, latency, queue depth, or utilization, of the storage components.

A) VLAN and Spanning Tree configuration. This point is not relevant because VLAN and Spanning Tree are Ethernet network concepts that do not apply to Fibre Channel networks. Fibre Channel networks use different protocols and mechanisms to segment and manage the network traffic, such as zones, virtual SANs (VSANs), or fabric services.

B) The UPS model that is currently in use. This point is not relevant because the UPS model that is currently in use does not directly affect the storage expansion solution. The UPS model is a power backup device that provides uninterrupted power supply to the storage devices in case of a power outage. The UPS model may have some implications on the power consumption and availability of the storage devices, but it is not a critical factor in the design of the storage expansion solution.

D) Current Ethernet network topology. This point is not relevant because the current Ethernet network topology does not directly affect the storage expansion solution. The Ethernet network topology is the physical and logical layout of the Ethernet network devices, such as switches, routers, or firewalls, that connect the hosts to the storage devices. The Ethernet network topology may have some implications on the network performance and availability of the storage devices, but it is not a critical factor in the design of the storage expansion solution. Reference:

HPE Edge-to-Cloud Solutions | H61X1S

HPE Edge-to-Cloud Transformation Program | HPE

HPE Digital Learner for HPE Edge-to-Cloud Content Pack

IT Resource Library - Technology Business Research | HPE

Dell PowerVault MD3 Fibre Channel Array Series

Enabling Cisco HyperFlex Systems to Coexist with Fibre Channel Shared Storage - Cisco

Announcing Fibre Channel Advancements in FlashArray - Pure Storage Blog

Purity ActiveCluster over Fibre Channel - Pure Storage

Fiber Channel Storage Area Network - Techopedia

QUESTION 22

Your customer has requested a proof of concept.

What should be included in your agreement with the customer? (Choose two.)

- A. production bill of materials
- B. success criteria
- C. estimated timeline
- D. production site survey
- E. 24/7 support

Correct Answer: B, C

Section:

Explanation:

A proof of concept (POC) is a demonstration of the feasibility and value of a proposed solution in a real-world scenario. It helps the customer to evaluate the solution before committing to a full-scale deployment. A POC agreement is a document that defines the scope, objectives, roles, responsibilities, and expectations of both parties involved in the POC. According to the HPE Edge-to-Cloud Solutions course¹, a POC agreement should include the following elements:

Success criteria: This is a set of measurable and achievable outcomes that indicate the POC has met the customer's requirements and expectations. It should be aligned with the customer's business goals and pain points, and reflect the key benefits and differentiators of the solution. For example, the success criteria could be based on performance, scalability, availability, security, cost, or user satisfaction metrics.

Estimated timeline: This is a realistic and agreed-upon schedule for the POC, including the start and end dates, milestones, deliverables, and feedback sessions. It should account for the time needed for planning, preparation, installation, configuration, testing, validation, and evaluation of the solution. It should also specify the duration and terms of the POC, such as the number of users, devices, or data involved, and the ownership and disposition of the equipment and software after the POC.

The other options are not essential for a POC agreement. A production bill of materials is a list of the components and quantities needed for the final deployment of the solution, which is not relevant for a POC. A production site survey is an assessment of the physical and environmental conditions of the customer's site, which may not be necessary for a POC, especially if it is conducted remotely or in a lab. A 24/7 support is a service level agreement that guarantees the availability and responsiveness of the technical support team, which may not be feasible or required for a POC. Reference:

HPE Edge-to-Cloud Solutions course

HPE Proof of Concept Program

How to Run a Successful Proof of Concept

QUESTION 23

Your customer required a managed private cloud solution of which they can retain ownership for tax purposes.

Which delivery model should you recommend?



- A. HPE GreenLake for Virtual Desktop Infrastructure (VDI).
- B. HPE Financial Services lease with GreenLake management services.
- C. Traditional purchase with GreenLake management services.
- D. Custom HPE GreenLake solution based on a reference architecture.

Correct Answer: B

Section:

Explanation:

A managed private cloud solution is one where the customer has a dedicated cloud environment that is managed by a third-party provider. The customer can benefit from the scalability, flexibility, and security of the cloud, without having to deal with the infrastructure management and maintenance. However, the customer may also have specific requirements for ownership and tax purposes, such as retaining the title of the assets or depreciating them over time. In this case, a traditional purchase or a custom HPE GreenLake solution may not be suitable, as they would either require the customer to pay upfront for the infrastructure or transfer the ownership to HPE. HPE GreenLake for VDI is also not a good option, as it is a specific solution for virtual desktops, not a general-purpose cloud platform.

The best option for the customer is to use HPE Financial Services lease with GreenLake management services. This option allows the customer to lease the infrastructure from HPE Financial Services, while HPE GreenLake provides the management and pay-per-use billing for the cloud services. The customer can retain the ownership of the assets at the end of the lease term, or renew the lease with updated technology. The customer can also take advantage of the tax benefits of leasing, such as deducting the lease payments as operating expenses or claiming depreciation allowances. This option provides the customer with a managed private cloud solution that meets their ownership and tax needs, while also offering the advantages of HPE GreenLake, such as cost savings, agility, and innovation. Reference: HPE GreenLake Cloud Services, HPE Financial Services, HPE GreenLake for Private Cloud Enterprise

QUESTION 24

You need to determine whether there is resource contention between VMs in an HPE Hyper-V environment. Which tool should you use?

- A. HPE CloudPhysics
- B. HPE Single Point of Connectivity Knowledge
- C. HPE NinjaSTARS
- D. HPE In



Correct Answer: A

Section:

Explanation:

HPE CloudPhysics is a SaaS-based platform that provides data-driven insights and recommendations for optimizing the performance, availability, and cost of virtualized environments. HPE CloudPhysics collects and analyzes data from various sources, such as hypervisors, VMs, storage, and network devices, and applies machine learning and analytics to identify and resolve issues, such as resource contention, misconfigurations, bottlenecks, and inefficiencies. HPE CloudPhysics can help you monitor and troubleshoot HPE Hyper-V environments, as well as compare and plan migrations to HPE GreenLake or other cloud platforms. Reference: HPE CloudPhysics | HPE Store US, HPE CloudPhysics - Data Sheet

QUESTION 25

A customer needs a new virtual desktop (VDI) solution. You have recommended using HPE Synergy for the compute. What HPE storage platform should you include to complete the solution?

- A. Alletra 6000
- B. Store Easy
- C. Qumulo
- D. SimpliVity

Correct Answer: A

Section:

Explanation:

The HPE storage platform that should be included to complete the VDI solution is HPE Alletra 6000. This is because HPE Alletra 6000 is a high-performance, low-latency, and scalable storage array that can support the demanding workloads of VDI environments. HPE Alletra 6000 offers the following benefits for VDI solutions:

It delivers consistent sub-millisecond response times for thousands of concurrent users and virtual machines, ensuring a smooth and responsive user experience¹².

It provides flexible connectivity options, including iSCSI and FC, that can integrate with HPE Synergy compute modules and HPE Virtual Connect technology¹³.

It supports VMware vVols, which simplifies storage management and provisioning, enables granular data protection and quality of service, and optimizes storage utilization for VDI deployments¹⁴.

It leverages HPE InfoSight, an AI-powered platform that provides predictive analytics, proactive recommendations, and automated actions to prevent issues, optimize performance, and reduce costs for VDI environments¹⁵.

The other options are not suitable for the VDI solution because:

B) HPE StoreEasy is a file and application storage solution that is designed for small and medium businesses, branch offices, and workgroups. It is not optimized for high-performance, low-latency, and scalable VDI workloads⁶.

C) HPE Qumulo is a file data platform that is designed for unstructured data, such as media and entertainment, life sciences, and research. It is not optimized for high-performance, low-latency, and scalable VDI workloads⁷.

D) HPE SimpliVity is a hyperconverged infrastructure solution that combines compute, storage, and networking in a single appliance. It is not compatible with HPE Synergy compute modules, which are blade servers that require a separate storage array⁸.

[HPE Alletra 6000 | HPE Store US](#)

[HPE Alletra 6000 Data Sheet](#)

[HPE Synergy 480 Gen10 Compute Module - Overview](#)

[HPE Alletra 6000 and VMware vVols](#)

[HPE InfoSight for HPE Alletra 6000](#)

[HPE StoreEasy Storage](#)

[HPE Qumulo](#)

[HPE SimpliVity](#)

[\[HPE Synergy 12000 Frame\]](#)

QUESTION 26

What information should you gather during a physical site survey? (Choose two.)

- A. existing VLANs
- B. datacenter dimensions
- C. current patch levels
- D. existing disk capacity
- E. fire suppression capabilities



Correct Answer: B, E

Section:

Explanation:

A physical site survey is a detailed inspection and assessment of a plot of land or a facility where work is proposed, to gather information for a design or an estimate to complete the initial tasks required for an outdoor or indoor activity¹². It can determine a precise location, access, best orientation for the site and the location of obstacles³. A physical site survey is important for any architectural or engineering project, as it provides critical information that affects everything from project planning to execution².

One of the areas where a physical site survey is required is the datacenter, where HPE Edge-to-Cloud Solutions can be deployed to provide a hybrid cloud operating model across all workloads and data⁴. A datacenter is a facility that houses computing and networking equipment, as well as power, cooling, security, and fire suppression systems⁵. A physical site survey of a datacenter should gather information such as:

Datacenter dimensions: The size and shape of the datacenter, including the floor area, ceiling height, and available space for racks, cabinets, and equipment. This information is essential for determining the optimal layout and design of the datacenter, as well as the capacity and scalability of the infrastructure⁵.

Fire suppression capabilities: The type and availability of fire suppression systems in the datacenter, such as sprinklers, gas, or foam. This information is important for ensuring the safety and reliability of the datacenter, as well as complying with the fire codes and regulations⁵.

Other information that may be gathered during a physical site survey of a datacenter include:

Power and cooling requirements: The amount and quality of power and cooling available in the datacenter, as well as the backup and redundancy options. This information is crucial for ensuring the performance and availability of the datacenter, as well as minimizing the energy consumption and costs⁵.

Network connectivity and security: The type and speed of network connections and services available in the datacenter, as well as the security measures and policies in place. This information is vital for ensuring the connectivity and security of the datacenter, as well as supporting the edge-to-cloud solutions and services⁵.

The other options, such as existing VLANs, current patch levels, and existing disk capacity, are not information that should be gathered during a physical site survey, as they are more relevant for a logical or technical site survey. A logical or technical site survey is a different type of site survey that focuses on the existing or planned configuration and functionality of the IT systems and devices in a site, such as servers, storage, switches, routers,

firewalls, and software. A logical or technical site survey is usually performed after a physical site survey, and may require additional tools and methods, such as network analyzers, ping tests, traceroute, and SNMP.

4:Edge to Cloud | HPE GreenLake | HPE - Hewlett Packard Enterprise

1:Physical Site Survey - Aruba

2:What is an architecture Site Survey? Understanding their importance... - archisoup | Architecture Guides & Resources

3:Site survey - Wikipedia

5:What is a Site Survey and Why is it Important - Emlii

: [Logical Site Survey - Aruba]

QUESTION 27

A customer has asked you to provide a new server and storage platform. They want to minimize the storage and network cabling within their datacenter. Which technology will help address this customer requirement?

- A. Containers
- B. Fabric Vision
- C. RDMA over Converged Ethernet (RoCE)
- D. HPE Virtual Connect

Correct Answer: D

Section:

Explanation:

HPE Virtual Connect is a technology that simplifies the management of server connections by reducing cables and network devices. It also enables dynamic allocation of network bandwidth and flexible assignment of network identities to servers. HPE Virtual Connect can help customers reduce the storage and network cabling within their datacenter by creating a virtualized pool of network resources that can be shared by multiple servers. HPE Virtual Connect works with HPE BladeSystem and HPE Synergy servers, as well as HPE storage solutions such as HPE Nimble Storage and HPE 3PAR StoreServ. HPE Virtual Connect supports Ethernet, Fibre Channel, and iSCSI protocols, and integrates with HPE GreenLake edge-to-cloud platform for a consistent cloud experience. Therefore, the correct answer is D. HPE Virtual Connect. Reference: <https://www.hpe.com/us/en/storage/microsoft.html> <https://www.hpe.com/in/en/greenlake.html>

QUESTION 28

What is one of the key differentiators of HPE GreenLake Central?

- A. GreenLake Central allows the customer to proactively detect security threats like ransomware.
- B. GreenLake Central has built in capabilities to manage multi-cloud environments and multi-vendor hardware solutions like IBM, Dell.
- C. GreenLake Central is the most cost-effective software license in the market that allows multi-cloud environment management.
- D. GreenLake Central has a recommendation engine that helps optimize resources, predict capacity needs, and optimize cloud spending.

Correct Answer: D

Section:

Explanation:

HPE GreenLake Central is an advanced software-as-a-service platform that provides customers with a consistent cloud experience for all their applications and data, whether they are on-premises or off-premises¹.

HPE GreenLake Central enables customers to run, manage, and optimize their hybrid IT estate, complementing their use of public clouds and data centers¹.

One of the key differentiators of HPE GreenLake Central is its recommendation engine, which uses artificial intelligence and machine learning to provide insights and suggestions for improving the performance, efficiency, and cost of the customer's IT environment².

The recommendation engine can help customers to:

Optimize resources by identifying underutilized or overprovisioned assets and recommending actions to balance the workload and reduce waste².

Predict capacity needs by analyzing historical and current usage patterns and forecasting future demand and growth².

Optimize cloud spending by comparing the costs and benefits of different cloud providers and services and recommending the best fit for the customer's needs and budget².

The references are:

1:HPE GreenLake Central User Guide, page 12:HPE GreenLake Central helps customers run, manage, and optimize their hybrid cloud estate

QUESTION 29

Your customer needs a compute solution. Their aging data center can only supply 5kW per rack, which is below the 15kW required for your planned solution. Which change could you recommend to satisfy the requirement while maintaining the planned solution's level of performance? (Choose two.)

- A. Design the solution with non-redundant power supplies.
- B. Use BMC tools to cap the power consumption of each server at 33%.
- C. Spread the infrastructure across additional racks.
- D. Host the compute solution with a colocation provider.
- E. Convert the solution to HPE GreenLake pay-per-use.

Correct Answer: C, D

Section:

Explanation:

Spreading the infrastructure across additional racks can help reduce the power density per rack and avoid exceeding the 5kW limit of the customer's data center. This option may require more space and cabling, but it can preserve the performance and availability of the planned solution. Hosting the compute solution with a colocation provider can also help overcome the power constraint of the customer's data center, as well as provide other benefits such as scalability, security, and connectivity. This option may incur additional costs and complexity, but it can also enable the customer to access cloud services and hybrid solutions more easily. Both options are compatible with HPE GreenLake pay-per-use model, which can help the customer optimize their IT spending and consumption. Reference: <https://www.hpe.com/psnow/doc/a00107143enw>
<https://www.hpe.com/us/en/newsroom/press-release/2017/11/hpe-expands-pay-per-use-it-to-key-business-workloads.html>
<https://www.globenewswire.com/news-release/2017/11/27/1206269/0/en/HPE-Expands-Pay-Per-Use-IT-to-Key-Business-Workloads.html>
<https://www.data3.com/knowledge-centre/blog/hpe-greenlake-use-cases-making-sense-of-economical-and-operational-drivers/>

QUESTION 30

Which business requirement does a proof of concept fulfill?

- A. Provide internal rate of return (IRR)
- B. Collect a performance baseline
- C. Discover solution limitations
- D. Test a production-ready configuration



Correct Answer: C

Section:

Explanation:

A proof of concept (PoC) is a demonstration of the feasibility and functionality of a proposed solution, usually involving a subset of the data, features, or components. The main purpose of a PoC is to discover any potential issues or limitations of the solution before committing to a full-scale implementation. A PoC can also help validate the customer's business and technical requirements, as well as the alignment of the solution with the customer's goals and expectations. A PoC is not intended to provide a precise measure of the return on investment (ROI) or the performance of the solution, nor to test the readiness of the solution for production deployment. Therefore, the correct answer is C. Discover solution limitations. Reference: <https://education.hpe.com/ww/en/training/docs/cds/h61z2s.pdf>
<https://hpepress.hpe.com/product/HPE+Edge-to-Cloud+Solutions+-+Self-Directed+Lab-HPE+Edge-to-Cloud+Solutions+-+Self-Directed+Lab-19755>
<https://hpepress.hpe.com/product/HPE%20ASE%20Edge-to-Cloud%20Architect%20Official%20Certification%20Study%20Guide%20HPE0-V27%20HPE0-V28-Hardcover-19759>

QUESTION 31

Your customer needs the smallest physical footprint for their S3 bucket storage requirement.

Which HPE alliance platform should you recommend?

- A. HPE Solutions for Scality Ring
- B. HPE Solutions for Qumulo
- C. HPE Solutions for Cohesity
- D. HPE Solutions for Scality Artesca

Correct Answer: D

Section:**Explanation:**

HPE Solutions for Scality Artesca is a lightweight, cloud-native object storage platform that supports S3 bucket storage for modern applications. It is designed to run on Kubernetes and bare metal servers, and can be deployed on a single node or scaled out to petabytes. It offers high performance, durability, and federated data management across edge, core, and cloud environments. It also has a low total cost of ownership and a flexible consumption model with HPE GreenLake. Compared to the other options, HPE Solutions for Scality Artesca has the smallest physical footprint and the most portability and scalability for S3 bucket storage requirements. Reference:

HPE Object Based Storage for Scality Solutions

HPE and Scality ARTESCA deliver best edge-to-cloud-to-core data management experience for AI/ML

HPE Solutions with Scality

Scality and Hewlett Packard Enterprise unveil ARTESCA: lightweight, true enterprise-grade, cloud-native object storage software for Kubernetes

Scality and HPE Launch Object Storage Software for Kubernetes

QUESTION 32

You are recommending HPE GreenLake Data Services Cloud Console to your customer.

What resource can you use to provide a live walk through of the solution?

- A. HPE Demonstration Portal
- B. HPE Assessment Foundry
- C. HPE Proposal Web
- D. HPE InfoSight

Correct Answer: A

Section:**Explanation:**

The HPE Demonstration Portal is a web-based platform that provides access to live and simulated demonstrations of HPE solutions, products, and services¹.

The HPE Demonstration Portal allows you to search, schedule, and launch demonstrations of various HPE offerings, including HPE GreenLake Data Services Cloud Console¹.

The HPE Demonstration Portal also provides resources such as scripts, videos, and guides to help you prepare and deliver effective demonstrations to your customers¹.

The HPE GreenLake Data Services Cloud Console is a cloud-based platform that enables you to manage and operate your storage infrastructure and data services from edge to cloud².

The HPE GreenLake Data Services Cloud Console provides a unified and simplified user experience, cloud operational agility, and data management across clouds².

The HPE GreenLake Data Services Cloud Console supports HPE Alletra, HPE Primera, HPE Nimble Storage, and HPE Cloud Volumes².

The references are:

1:HPE Demonstration Portal2:HPE GreenLake Data Services Cloud Console

QUESTION 33

You are presenting an HPE Alletra 9000 solution to the customer. They ask for a high level implementation check list to prepare their site ahead of the implementation.

What resource can you share with the customer to aid you in providing this check list?

- A. Welcome Center
- B. IData Services Cloud Console
- C. SmartCID
- D. SPOCK

Correct Answer: A

Section:**Explanation:**

The Welcome Center is a web-based portal that provides customers with a guided and simplified experience for setting up and managing their HPE Alletra 9000 storage systems. The Welcome Center helps customers to plan and prepare for the hardware installation, enable cloud management, discover and initialize the storage system, and access additional resources and support. The Welcome Center also provides a checklist of the tasks and requirements for each step of the implementation process, such as network configuration, site preparation, cabling, and power. By using the Welcome Center, customers can ensure that their site is ready for the implementation and avoid any potential issues or delays. Reference: https://support.hpe.com/hpesc/public/docDisplay?docId=a00113699en_us&docLocale=en_US

QUESTION 34

You have designed an HPE Synergy solution for a customer site. The customer wants to use this solution design as a blueprint to implement the same solution in 200 locations. They want to minimize cost for installation and configuration and therefore plan to order everything Factory pre-installed and pre-configured.

Which HPE tool can you use to document the customer requirements and attach them to the order?

- A. HPE SmartCID
- B. HPE SPOCK
- C. HPE GreenLake Central
- D. HPE Assessment Foundry

Correct Answer: A

Section:

Explanation:

HPE SmartCID is a tool that enables you to document the customer requirements and attach them to the order for HPE Synergy solutions. HPE SmartCID allows you to capture the configuration details, such as the frame layout, the compute modules, the interconnect modules, the storage options, the network settings, and the firmware versions, and generate a configuration file that can be used for factory pre-installation and pre-configuration. HPE SmartCID also validates the configuration for compatibility and compliance with HPE best practices and provides a graphical representation of the solution design. HPE SmartCID can help you reduce the cost and time for installation and configuration and ensure a consistent and error-free deployment across multiple sites. Reference: HPE SmartCID User Guide, HPE Synergy 12000 Frame Setup and Installation Guide, HPE Factory Express Integration Services

