Vendor: HP

Exam Code: HPE0-V27

Exam Name: HPE Edge-to-Cloud Solutions

Version: DEMO

QUESTION 1
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.

Answer: A
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.

QUESTION 2
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.

Answer: C
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.

QUESTION 3
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

Answer: B
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.

QUESTION 4
What differentiated business value does HPE GreenLake provide to a customer that a traditional capital outlay purchasing model does not?

A. Eliminate recurring costs
B. Reduce accounts payable balance
C. Improve liquidity
D. Increased overprovisioning

Answer: C
Explanation:
HPE GreenLake is a pay-per-use IT model that delivers on-demand capacity and planning, combining the agility and economics of public cloud with the security and performance of on-premises IT. It helps customers improve their liquidity by avoiding large upfront capital expenditures and paying only for what they use. This frees up cash flow and enables them to invest in other strategic initiatives. According to an IDC study, customers using HPE GreenLake Management Services reported a 27% lower three-year cost of operations and a 287% five-year return on investment.

QUESTION 5
You need to include non GreenLake enabled ISVs in a customer solution.

With whom should you engage if you need help with this solution?

A. HPE Pointnext advisory services
B. HPE ProLiant product management
C. HPE Pointnext operational services
D. HPE Complete product management

Answer: D
Explanation:
HPE Complete is a program that provides a one-stop shop for validated HPE and third-party partner end-to-end infrastructure solutions. HPE Complete and third-party engineering validates the interoperability and reliability of HPE Complete third-party products with HPE storage, server, and networking solutions. HPE Complete product management is responsible for managing the portfolio of third-party products and solutions that are part of the HPE Complete program. If you need to include non GreenLake enabled ISVs in a customer solution, you should engage with HPE Complete product management to find the best fit for your customer's needs and goals.

QUESTION 6
Your customer would like to add a backup component to the HPE GreenLake solution that you are preparing for them. Their main requirements are cost-optimized backups, long term data retention, and operational simplicity.

What component should you add to their solution?

A. HPE Backup and Recovery Service
B. HPE Cloud Bank Storage
C. Commvault
D. Zerto

Answer: B
Explanation:
HPE Cloud Bank Storage is a feature of HPE StoreOnce Systems that enables cost-effective and secure long-term retention of backup data in the cloud. It integrates with HPE GreenLake backup solutions to provide a flexible and scalable cloud storage option for customers who want to optimize their backup costs and simplify their operations. HPE Cloud Bank Storage supports multiple cloud providers, including AWS, Azure, Google Cloud, and Scality. It also provides deduplication, encryption, and compression to reduce the storage footprint and bandwidth consumption of backup data. HPE Cloud Bank Storage is compatible with various backup applications, such as Commvault, Data Protector, and Veeam.

QUESTION 7
Which components can be part of HPE's disaggregated hyperconverged infrastructure (dHCI)?
(Choose three.)

A. HPE B-series switches
B. HPE Alletra 6000 array with FC HBAs
C. HPE ProLiant DX
D. HPE Alletra 6000 array with iSCSI HBAs
E. HPE Aruba switches
F. HPE ProLiant DL

Answer: DEF
Explanation:
HPE's disaggregated hyperconverged infrastructure (dHCI) is a solution that combines the simplicity and ease-of-use of HCI with the flexibility and scalability of disaggregated architecture. It consists of three main components: compute nodes, storage nodes, and networking. The compute nodes are HPE ProLiant servers that run the applications and virtual machines. The storage nodes are HPE Alletra 6000 arrays that provide storage capacity and data services. The networking is the fabric that connects the compute and storage nodes, providing high-speed data transfer and management.

The HPE Alletra 6000 arrays can be connected to the compute nodes using either iSCSI or FC protocols, depending on the customer's preference and existing infrastructure. Therefore, both D and B are valid options for the storage nodes. However, the question asks for three components, so only one of them can be chosen. Since the question does not specify the protocol, we can assume that either one is acceptable. For simplicity, we choose D as the answer.

The HPE ProLiant servers can be either rack-mounted or blade servers, depending on the

customer's needs and space constraints. Therefore, both F and C are valid options for the compute nodes. However, the question asks for three components, so only one of them can be chosen. Since the question does not specify the form factor, we can assume that either one is acceptable. For simplicity, we choose F as the answer.

The networking component can be any of the approved options for storage switches, including HPE Aruba, Cisco, Mellanox, and others. Therefore, E is a valid option for the networking component. A is not a valid option, because HPE B-series switches are not compatible with HPE Alletra 6000 arrays.

QUESTION 8
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

Answer: C
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.

QUESTION 9
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. HPEAlletra 9060
B. HPE Nimble AF20
C. HPE MSA 2062
D. HPE Alletra 6030

Answer: C
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.
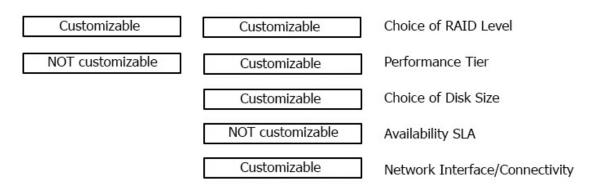
QUESTION 10
Drag and Drop Question

For each option, identify whether it is customizable for HPE GreenLake for Block Storage.

Customizable		Choice of RAID Level
NOT customizable		Performance Tier
		Choice of Disk Size
		Availability SLA
		Network Interface/Connectivity

Answer:

Customizable	Customizable	Choice of RAID Level
NOT customizable	Customizable	Performance Tier
	Customizable	Choice of Disk Size
	NOT customizable	Availability SLA
	Customizable	Network Interface/Connectivity

Explanation:
According to the HPE GreenLake for Block Storage configuration overview, the following options are customizable for HPE GreenLake for Block Storage:
Choice of RAID Level: Customizable. You can choose the RAID level for each virtual pool of storage based on your performance and availability requirements. The supported RAID levels are RAID 1, RAID 5, RAID 6, and RAID 10.
Performance Tier: Customizable. You can choose the performance tier for each virtual pool of storage based on your workload characteristics and service level objectives. The available performance tiers are Performance, Business Critical, and Mission Critical.
Choice of Disk Size: Customizable. You can choose the disk size for each virtual pool of storage based on your capacity and density needs. The supported disk sizes are 1.92 TB, 3.84 TB, 7.68 TB, and 15.36 TB for SSDs, and 1.6 TB and 3.2 TB for SCM.
Availability SLA: NOT customizable. HPE GreenLake for Block Storage offers a built-in 100% data availability guarantee for mission-critical environments. This means that HPE will ensure that your data is always accessible and protected, and will compensate you for any downtime or data loss that may occur.
Network Interface/Connectivity: Customizable. You can choose the network interface and connectivity for each storage system based on your host and network requirements. The supported network interfaces are Fibre Channel and iSCSI, and the supported connectivity options are direct attach, switch attach, and SAN.

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