



Vendor: HP

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Exam Name: Advanced HPE Edge-to-Cloud Solutions
Written Exam

Version: DEMO

QUESTION 1

Your customer is using an HPE SimpliVity 380 Gen11 environment that is only managed with on-premises utilities. How can this solution be integrated into the HPE GreenLake management platform to benefit from the HPE Private Cloud Business Edition features?

- A. By deploying the Data Services Connector VM and importing the cluster to DSCC.
- B. By introducing the cluster as a PCBE setup integrated with DSCC.
- C. By replacing the iLO using the HPE Compute Ops Management activation process.
- D. By configuring the OmniStack integration with HPE InfoSight.

Answer: A

Explanation:

The correct answer is A. Existing HPE SimpliVity environments can be brought into the HPE GreenLake / Private Cloud Business Edition management experience by deploying the Data Services Connector virtual machine and importing the system into Data Services Cloud Console. HPE documentation states that Data Services Connectors are VMs that enable management of Private Cloud Business Edition with HPE Alletra Storage MP B10000 and HPE SimpliVity, and HPE guidance for existing SimpliVity customers describes downloading the connector VM, registering it, and importing SimpliVity systems.

QUESTION 2

Your customer is planning to deploy several HPE ProLiant DL360 Gen11 servers with Windows Server 2025, for a bare-metal use case with no hypervisors. The customer is concerned about the time it takes to scan and deploy the servers for new firmware and driver updates. What HPE management tool can be used in this scenario to apply firmware updates to servers, with direct integration to HPE repositories?

- A. HPE OneView
- B. HPE Compute Ops Management
- C. HPE iLO Amplifier
- D. Microsoft Endpoint Configuration Manager

Answer: B

Explanation:

The correct answer is B. HPE Compute Ops Management is the correct cloud-based management service for fleet-level HPE ProLiant lifecycle operations, including firmware baseline management and update execution. HPE describes Compute Ops Management as supporting HPE ProLiant ML/DL/MicroServer Gen10, Gen10 Plus, and Gen11 servers with iLO 5 and later, and includes automatic firmware-baseline update capability. HPE also provides firmware-update workflows for servers managed by Compute Ops Management. This fits the scenario precisely: bare-metal DL360 Gen11 servers, Windows Server installed directly, no hypervisor layer, and a requirement to reduce the operational time required to scan and deploy firmware/driver updates. HPE OneView is better suited for infrastructure managed through OneView domains and profiles, especially composable or converged environments. HPE iLO Amplifier is not the current strategic answer for GreenLake-era ProLiant fleet lifecycle management. Microsoft Endpoint Configuration Manager can manage operating system software, but it is not the HPE-native server firmware lifecycle tool with direct HPE repository integration.

QUESTION 3

Which statement about HPE SimpliVity is true?

- A. HPE SimpliVity 380 Gen11 cluster with compute nodes requires the same CPU in all nodes.

- B. Mixing AMD and Intel chassis in the same federation is fully supported.
- C. A single AMD-based HPE SimpliVity node can support up to 4 non-HPE SimpliVity servers.
- D. A single Intel-based HPE SimpliVity node can support up to 8 non-HPE SimpliVity servers.

Answer: D

Explanation:

The correct answer is D. In HPE SimpliVity designs, non-HPE SimpliVity compute nodes can be added to consume the storage and data services provided by SimpliVity nodes, but the supported ratio depends on the validated SimpliVity platform and processor family. For Intel-based HPE SimpliVity nodes, the supported design rule in this context allows up to eight non-HPE SimpliVity servers per SimpliVity node.

QUESTION 4

Your customer wants to implement an HPE SimpliVity stretched cluster spanning two sites to improve availability.

You are reviewing an HPE SimpliVity proposal that consists of the following components:

12 HPE SimpliVity 380 Gen11 nodes, 8 for the primary site and 4 for the remote site, all of which have 2 CPUs, 16 cores each
12 HPE OneView Advanced licenses
2 HPE Alletra Storage MP B10000, 1 for the primary site and 1 for the remote site
384 core VMware vSphere Standard subscriptions
Two pairs of ArubaOS-CX 8325 switches

Which statement about this proposal is true?

- A. Additional VMware subscriptions should be added, as the HPE SimpliVity 380 Gen11 core count is higher than needed.
- B. In order to enable DRS functionality, vSphere Standard subscriptions should be replaced with vSphere Foundation subscriptions.
- C. A Remote Copy license should be activated on all HPE Alletra arrays to enable remote HPE SimpliVity backups.
- D. Aruba OS-CX 8325 should be enhanced with a Pensando license so HPE SimpliVity traffic can be secured.

Answer: B

Explanation:

The correct answer is B. The proposal includes VMware vSphere Standard subscriptions, but the requirement context is a stretched, availability-focused HPE SimpliVity design. Distributed Resource Scheduler is an advanced VMware function used for automated VM placement and load balancing across hosts. VMware's product-line comparison shows Distributed Resource Scheduler under Enterprise Plus and vSphere Foundation feature sets, while vSphere Standard does not provide that capability. Therefore, if the customer requires DRS functionality, vSphere Standard must be replaced with an edition that includes DRS, such as vSphere Foundation.

QUESTION 5

Your customer wants to implement a disaster recovery solution for their virtualization workload. They also want to implement a protection method that will protect the workload in case of a site failure.

Their existing environment includes the following configurations:

All ESXi systems are located in the same datacenter
vSphere replication is deployed for VM DR
Some of the VMs are protected with Fault Tolerance
HPE Synergy 480 Gen11 is a compute platform
HPE Alletra Storage MP B10000 arrays for storage
Orchestrated failover for all VMs using VMware tools

The customer plans to replicate the same setup at the second site. The total number of virtual machines that must be protected is 200. Your customer also expects an RPO of 0.

Which component or configuration is a necessary part of a solution that will meet all customer requirements?

- A. HPE Synergy frames from the secondary site added to the logical enclosure configured in the primary site.
- B. Storage policy-based management (SPBM) must be configured for a group of the virtual machines.
- C. Synchronous replication configured between sites to replicate the volumes used to build the datastores.
- D. Asynchronous replication configured between sites used to replicate the volumes used to build the datastores.

Answer: C

Explanation:

The correct answer is C. The decisive requirement is RPO 0. A zero recovery point objective means there can be no committed data loss at failover. That requires synchronous replication between sites for the storage volumes that back the VMware datastores. HPE Active Peer Persistence and HPE Remote Copy designs use synchronous replication so that the same data is maintained on both storage systems, and HPE B10000 materials position Active Peer Persistence for high availability across data centers with synchronous Remote Copy and automated failover behavior.

QUESTION 6

Your customer is planning to buy a new hardware platform for their HPC application.

They are considering an environment with 150 HPE Cray XD2000 systems with XD225v and XD220v servers.

Your customer has the following requirements for a management platform:

Supports Ubuntu Linux 24.04 operating system
Supports bare metal server operating system provisioning
Has the ability to install operating system in parallel on multiple nodes
Management platform is highly available

You are exploring HPE Performance Cluster Manager (HPCM) as a solution.

What statement is true in this scenario?

- A. HPE Performance Cluster Manager will fit the customer's requirements.
- B. One server node must be reserved for the Admin Node.
- C. A different management solution must be used for parallel OS installation.

D. The Slingshot network component must be added to the solution.

Answer: A

Explanation:

The correct answer is A. HPE Performance Cluster Manager is the correct management platform for this HPC-oriented customer because it is designed for large-scale cluster administration, operating system provisioning, image management, monitoring, and lifecycle operations. The key requirement is not only to install an operating system, but to do so across many nodes efficiently. HPE Performance Cluster Manager supports bare-metal Linux provisioning and can provision nodes in parallel, which directly addresses the customer's requirement for simultaneous operating system deployment across the 150-node environment. HPE's QuickSpecs state that HPCM can quickly provision a Linux operating system from bare metal and provision nodes in parallel for maximum system performance, including very large clusters.

QUESTION 7

Your customer wants to simplify storage management for their VMware-based environment by configuring HPE Storage Integration Pack for VMware vCenter Server. They want to use HPE OneView for VMware vCenter Server for ESXi deployment.

Currently, they have 30 HPE ProLiant DL360 Gen11 deployed with ESXi 8.x and they plan to add 30 additional systems with exactly the same setup. Storage capacity is provided by HPE Alletra Storage MP B10000.

Which statement about the configuration and customer requirements is true?

- A. HPE Storage Integration Pack for VMware vCenter Server and HPE OneView for VMware vCenter Server only support the HPE Synergy platform managed using HPE Composer2.
- B. Your customer must purchase the appropriate number of licenses for HPE Storage Integration Pack for VMware vCenter Server and HPE OneView for VMware vCenter Server.
- C. Using HPE Storage Integration Pack for VMware vCenter Server for VVol creation is only supported if the ESXi systems have vSphere Enterprise Plus subscriptions.
- D. HPE OneView for VMware vCenter Server supports the Proactive HA feature, which will define the response in case of host health degradation to improve workload availability.

Answer: D

Explanation:

The correct answer is D. HPE OneView for VMware vCenter integrates HPE infrastructure health, lifecycle, and management information into the VMware operational plane. A major value point is support for VMware Proactive HA integration, where hardware health signals from HPE infrastructure can be passed into vCenter so the cluster can react before a hard failure affects virtual machines. HPE documentation specifically includes VMware Proactive HA support for HPE OneView for VMware vCenter.

QUESTION 8

Your customer has requested a solution with HPE Alletra Storage MP B10000 that needs four SFP28 ports per node, for iSCSI connectivity.

Refer to DOM 505004:

Qty	Product #	Product Description
1	2UJ1SA	HPE Virtual Rack Service
1	5005AA	HPE Alletra Storage MP B19100 Base Configuration
1	5002AA	CO1 Factory Integrated
1	5000AA	HPE Alletra Storage ArrayO/S per TB 5-year LTU
1	5000DA	CO1 Factory Integrated
1	9S1813	CO1 HPE Configurator Defined Build Instruction Option
1	R1CT1A	HPE Alletra Storage MP 10000 2U Chassis
1	R1CT1A	CO1 Factory Integrated
2	5005AA	HPE Alletra Storage MP B19120 Controller Node
2	5002AA	CO1 Factory Integrated
2	R1CB1A	HPE Alletra Storage MP 10210QE 4-port Host Bus Adapter
2	R1CD0A	CO1 Factory Integrated
1	R0Q33A	HPE C13 - C14 250V 15Amp Blue 1.8m WW Power Cord (North America, Europe, Japan, Korea, Australia, New Zealand, Taiwan, China and India)
1	R0R33A	CO1 Factory Integrated
1	R2Z30A	HPE C13 - C14 250V 15Amp Gray 1.8m WW Power Cord
1	R0S30A	CO1 Factory Integrated
1	S0A46A	HPE Storage Data Encryption LTU
1	S0A49A	CO1 Factory Integrated
20	5002AA	HPE Alletra Storage MP B10000 per TB 5-year Software and Support SaaS
1	H6MA6A	HPE 3Y Tech Care Essential Service
1	H6MAA0000W	HPE Alletra 5kg MP Rate Config Setup
1	H6MAA0000Q	HPE Alletra Storage MP 2U Chassis Setup
2	H6MAA0000M	HPE Alletra 5kgMP BC Switchless Node Setup
2	H6MAA5000Q	HPE Alletra 5kg MP 10210QE 4-port HBA Setup
12	H6MAA2000Q	HPE Alletra 5kg MP B1910 NVMe SSD Setup
2	H6MAA6000Q	HPE Alletra 5T02 MP 60 TC COE HBA Support
1	H6B6AA	HPE Alletra Storage MP B10000 SVC
1	H4124A1	HPE Technical Interactive Startup SVC
1	H4132A1	V2V HPE Alletra Storage Array OS Startup SVC
1	H4134A1	V2V HPE Alletra 5T0 MPB10000 2NFS Setup SVC

A junior architect has prepared a BOM for the solution.

What needs to be changed in the BOM to meet the requirement?

- A. Remove the 52564A HBAs and add Q2P64B XCVRs to the BOM.
- B. Add two 52564A HBAs to the BOM.
- C. Add four Q2P64B XCVRs to the BOM.
- D. Replace the 52564A HBAs with R7C82A HBAs in the BOM.

Answer: C

Explanation:

The correct answer is C. The customer requirement is explicit: four SFP28 iSCSI ports per controller node. An HPE Alletra Storage MP B10000 controller pair has two nodes, so the design requires eight usable SFP28 optical connections in total when all four 25GbE ports on each node are to be populated. The BOM already includes the Ethernet host bus adapters required for the iSCSI personality; the gap is the number of optical transceivers. HPE Alletra Storage MP B10000 supports host-port configuration by node, and HPE QuickSpecs list host port limits by controller

model. HPE also identifies the 10/25GbE 4-port Host Bus Adapter as the correct Ethernet HBA class for Alletra Storage MP connectivity, while the Q2P64B item is the 25Gb SFP28 short-wave extended- temperature optical transceiver.

QUESTION 9

Your customer plans to replace a legacy HPE BladeSystem solution with the HPE Synergy platform.

The customer requirements include:

30 compute nodes to support their virtualization workloads
Redundancy within the management subsystem
An in-frame storage solution to support vSAN
A redundant networking subsystem with the ability to virtualize WWNs
Simplified management with a single logical enclosure

You are reviewing the following proposal:

3 x HPE Synergy 12000 frames
2 x HPE Virtual Connect SE 100Gb F32 Modules for Synergy
4 x HPE Synergy 50Gb Interconnect Link Modules
3 x HPE D3940 Storage Modules with maximum number of drives
6 x HPE Composer2 + 30 x HPE OneView Advanced licenses
30 x SY 480 Gen11 compute modules, each with 2 CPUs and appropriate mezzanine cards

Which statement about this proposal is true to help meet the customer requirements?

- A. Additional HPE OneView Advanced licenses should be added for the HPE Virtual Connect modules and HPE D3940 Storage Modules.
- B. 30 x HPE OneView Advanced licenses should be removed from the proposal.
- C. HPE 32Gb switches should be added to the proposal to enable WWNs virtualization and profile mobility.
- D. 3 x HPE Composer2 modules can be removed from the proposal, as you need one HPE Composer2 module per HPE Synergy frame for enhanced availability.

Answer: D

Explanation:

The correct answer is D. The proposal contains too many HPE Composer2 appliances for the stated management requirement. HPE Synergy Composer provides the embedded HPE OneView management appliance function for Synergy. For high-availability management, HPE guidance requires Composers of the same type to be paired within the same management ring; the design does not require two Composer2 appliances in every frame simply because there are three frames. HPE documentation states that if redundancy is required, two Composers of the same type must be paired within the same management ring per HPE Synergy system.

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