EXAMTOPICS

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Question #1 *Topic 1*

Your customer is considering HPE SimpliVity or HPE Synergy with HPE Alletra Storage MP B10000 for a virtualization project.

Which statement about these platforms and their benefits is true?

A. HPE SimpliVity has all required VMware subscriptions embedded with the product, while standard deployment requires purchasing VMware subscriptions.

B. Traditional VMware clusters support up to 96 nodes, while HPE SimpliVity clusters support significantly more nodes in a single cluster providing greater scalability.

C. HPE SimpliVity clusters can only support the high-availability feature, while traditional VMware clusters can support both high-availability and DRS functionalities.

D. HPE SimpliVity offers different models including systems with AMD and Intel CPUs, while HPE Synergy only provides Intel-based compute nodes.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #2 *Topic 1*

You have been tasked with designing a solution for your customer that will support a virtualization workload based on HPE Synergy. Your customer has the following requirements:

Dual-socket HPE Synergy compute nodes running ESXi 8.x with maximum memory supported

Each of the nodes should have access to shared storage from HPE Alletra Storage MP B10000

All virtual machines should be protected against host failure

All virtual machines with 8 vCPUs must be provided with Fault Tolerance

All compute nodes should boot from disks located in the D3940 Storage Modules protected with RAID 1

All frames should be managed as one logical enclosure to simplify management

All compute nodes should support 2 network ports with the maximum Ethernet connectivity speed

You are reviewing a proposal that you must verify. The proposal consists of:

- 3 HPE Synergy 12000 frames

- 2 HPE Synergy Composed modules

- 4 HPE Virtual Connect SE 100Gb F32 Module for Synergy

- 4 HPE Synergy 50Gb Interconnect Link Module

- 3 HPE Synergy D3940 Storage Module each with 20 SSD drives

- 1152 core vSphere Enterprise Plus subscriptions

- 36 HPE Synergy 480 Gen11 compute nodes

Each SY480Gen11 is configured with:

- a single Platinum 8562 CPU with 32 cores

- HPE Synergy 6820C 25/50Gb CNA Converged Network Adapter

- HPE Synergy 5830C 32G Fibre Channel Host Bus Adapters

- HPE MicroChip Smart RAID P416ie-m SR Gen10 12G SAS Mezzanine Controller

Which statement is true regarding the proposal?

A. Six compute nodes should be removed as there is not enough space for 12 compute nodes and a D3940 Storage Module in a frame.

B. OneView Advanced licenses should be added to the proposal as all of the compute nodes will be managed using HPE Composed.

C. 6 12Gb SAS Connection Modules should be added to provide connectivity to the HPE Alletra MP B10000 storage array.

D. 12 12Gb SAS Connection Modules should be added to provide connectivity to the D3940 Storage modules.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #3 *Topic 1*

You presented a solution to your customer that will replace their legacy HPE BladeSystem.

The new solution is based on the HPE Synergy platform and consists of the following components:

- 5 HPE Synergy 12000 frames

- 2 HPE Virtual Connect SE 100Gb F32 Module for Synergy

- 8 HPE Synergy 25Gb Interconnect Link Module

- 60 HPE Synergy 480 Gen11

Which statement about the business and financial benefit of this new solution for the customer is true?

A. Compared to the legacy HPE BladeSystem, the HPE Synergy platform supports more expansion slots in the form of mezzanine cards.

B. HPE Virtual Connect SE 100Gb F32 Module for Synergy can support FC traffic once an upgrade license for each module is added in HPE OneView.

C. Compared to the legacy HPE BladeSystem, the HPE Synergy platform supports more interconnect modules which provides better flexibility and expansion possibilities.

D. HPE Synergy 480 Gen 11 compute modules have an extension that will allow the customer to install 4 CPUs in half-height format compute nodes.

Suggested Answer: *A*

Community vote distribution

B (100%)

c85843c Most Recent 2 months, 1 week ago

Selected Answer: B

FC upgrade license required for Synergy VC. Also the mezzanine cards options comes up again in another question and is not chosen as True there.

upvoted 1 times

Question #4 *Topic 1*

Your customer has HPE Superdome Flex running VMware ESXi 8.x. Current setup consists of:

- One Rack Management Controller

- One HPE Superdome Flex Base chassis

- One HPE Superdome Flex Expansion chassis

The existing complex has a single nPartition. The customer plans to expand the existing nPartition with two additional expansion chassis.

Which statement about the planned expansion is true?

A. Existing nPartition must be placed in the maintenance mode using Rack Management Controller CLI.

B. If the existing nPartition is managed using HPE OneView, it must be removed before an expansion.

C. In order to add two additional chassis, customer has to power off the existing nPartition.

D. Customer has to replace one of the expansion chassis with base chassis, to provide IO redundancy.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #5 *Topic 1*

A customer has requested a solution that can be used to connect two data centers over a Layer 3 MPLS connection and manage the Layer 2 networks for their workloads on an HPE SimpliVity Gen11 host. Aruba CX8325H switches will be deployed for the networking.

The ISP for MPLS connection offers only a single VRF with an option for an MTU up to 2000.

Which HPE solution would provide a central management platform to create and modify overlay networks for this setup?

A. HPE Aruba Networking ClearPass Policy Manager

B. AMD Pensando Security Manager

C. Aruba NetEdit

D. HPE Aruba Networking Fabric Composer

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #6 *Topic 1*

Your customer would like to improve the security of an existing physical and virtual environment. They are currently using the Synergy environment with the first generation of HPE Composer and Gen9 Synergy compute modules.

Which of the following changes would improve security?

A. Implement the HPE OneView Global Dashboard that can be used to distribute encryption keys and CA-signed certificates to all managed nodes.

B. Add dedicated HPE OneView licenses to enable integration with Active Directory, to provide extensive permission control within a physical environment.

C. Update the iLO firmware in the Gen9 Synergy compute modules to benefit from the Silicon Root of Trust.

D. Replace the Gen9 compute modules with Gen11, including HPE iLO6, that provides the Silicon Root of Trust.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #7 *Topic 1*

Your customer's environment includes HPE Private Cloud Business Edition with deployed HPE SimpliVity 380 Gen11 nodes.

They have asked you to upgrade the vSphere, Omnistack, and firmware components of the environment as a fully controlled operation.

Which tool should you use?

A. HPE OV4VC plugin and vCenter Update Manager

B. HPE SimpliVity upgrade manager application

C. HPE COM4VC plugin and vCenter Update Manager

D. HPE GreenLake - DSCC - PCBE tile - upgrade

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #8 *Topic 1*

Your customer has a combination of HPE and non-HPE equipment.

What is the correct functionality available in Aruba Fabric Composer for this customer's environment?

A. configuration of SAN zoning on ArubaOS-CX 8400 switches

B. management and monitoring of HPE Synergy Virtual Connect

C. management and monitoring of HPE Alletra Storage MP B10000 arrays

D. acceleration of spine-leaf fabric provisioning on ArubaOS-CX switches

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #9 *Topic 1*

You presented a solution to your customer that will replace their legacy HPE BladeSystem.

The new solution is based on the HPE Synergy platform and consists of the following components:

- 5 HPE Synergy 12000 frames

- 2 HPE Virtual Connect SE 100Gb F32 Module for Synergy

- 8 HPE Synergy 25Gb Interconnect Link Module

- 60 HPE Synergy 480 Gen11

Which statement describes the business and financial benefits for this new solution on the customer?

A. Compared to the legacy HPE BladeSystem, the HPE Synergy platform supports more expansion slots in the form of mezzanine cards.

B. HPE Synergy supports master/satellite approach that requires less HPE Virtual Connect modules, and so will be more economical.

C. Compared to the legacy HPE BladeSystem, the HPE Synergy platform supports more interconnect modules which provides better flexibility and expansion possibilities.

D. HPE Synergy requires more HPE Virtual Connect modules because of the increased bandwidth for each compute nodes.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #10 *Topic 1*

Due to extreme low latency requirements of workloads, a customer has decided to adopt end-to-end NVMe over fabric in their new data center.

Which HPE offering will allow the customer to follow their desired strategy?

A. SimpliVity solution

B. HPE Alletra Storage MP B10000 array

C. HPE Alletra Storage Server 4120

D. HPE MSA Gen7

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #11 *Topic 1*

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

- virtual machines are protected by an HA cluster

- some of the VMs are protected with Fault Tolerance

- HPE Synergy 480 Gen11 as a compute platform

- HPE Alletra Storage MP B10240 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. Extending the VMware cluster with ESXi nodes deployed at the remote site to create a VMware Metro cluster.

B. A failover recovery plan created using RapidDR software supported with the appropriate number of licenses.

C. HPE Synergy frames from the secondary site added to the logical enclosure configured in the primary site.

D. Asynchronous replication configured between sites used to replicate the volumes used to build the datastores.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #12 *Topic 1*

A customer has requested a solution for their CI/CD pipeline development compute requirement. The solution should have a small rack U footprint, 128 cores per cpu, and less than 200 watt per cpu power usage.

Which product line would you propose for these requirements?

A. HPE ProLiant DL320 Gen12

B. HPE ProLiant DL360 Gen11

C. HPE ProLiant RL300 Gen11

D. HPE ProLiant DL325 Gen12

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #13 *Topic 1*

Your customer is building a solution using HPE Private Cloud Business Edition with an HPE Alletra Storage MP B10000. Their proposed solution requires low storage latency to work correctly.

Which feature best fits the customer's requirements?

A. Use of the singular VV access model

B. Four node support in a cluster configuration

C. Support for the NVMe end-to-end protocol

D. 100Gb interconnects to drive enclosures

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #14 *Topic 1*

Your customer is considering HPE Alletra 6000 or HPE Alletra Storage MP B10000 for use as a Peer Persistence enabled platform for their critical workloads.

Which statement about these platforms and their benefits is true for Peer Persistence?

A. With HPE Alletra Storage MP B10000 your customer will be able to combine an Active Peer Persistence variant with the 3DC-Peer Persistence option

B. With Alletra 6000 your customer will be able to use Peer Persistence to protect workloads running on Red Hat

C. With Alletra 6000 your customer will be able to combine an Active Peer Persistence variant with the 3DC-Peer Persistence option

D. With Alletra 6000 your customer will be able to use Active Peer Persistence to protect workloads running on VMware

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #15 *Topic 1*

You are designing an HPE solution for SAP HANA. You are considering an as-a-service approach as one of the variants to be proposed to the customer.

What is true regarding HPE GreenLake for SAP HANA?

A. HPE GreenLake for SAP HANA can be used for on-prem running SAP HANA instances.

B. HPE GreenLake for SAP HANA requires an onsite HPE Alletra Storage MP X10000.

C. HPE GreenLake for SAP HANA offers billing based on the amount of users using SAP HANA.

D. HPE GreenLake services do not support SAP HANA workloads.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #16 *Topic 1*

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 380 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 array.

Which statement about the configuration and customer requirements is true?

A. Using HPE Storage Integration Pack for VMware vCenter Server for vVol creation is only supported if the ESXi systems have vSphere foundation subscription.

B. For HPE Alletra Storage MP B10000 arrays managed using HPE Storage Integration Pack for VMware vCenter Server, all CPGs are automatically exposed in vCenter Server and available for provisioning.

C. 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.

D. You can use HPE Storage Integration Pack for VMware vCenter Server to create a VMFS datastore for all nodes in the cluster without the need to login to the storage management tool.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #17 *Topic 1*

Which statement describes a correct recommended use case or workload for Qumulo?

A. Life sciences, higher education, and manufacturing research, including select imaging, analytics, and high-performance computing use cases

B. Second tier of storage to offload data from HPE StoreOnce, HPE ClusterStor (Luster), GPFS, HDFS, MapR from HPE, or Weka

C. Primary S3 target for Splunk SmartStore for log and other machine data analytics

D. Simple enterprise backup target for Commvault Complete, IBM Spectrum Protect, Oracle RMAN, Veeam, and Veritas NetBackup

Suggested Answer: *A*

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Question #18 *Topic 1*

You are designing a solution for a customer that will support a virtualization workload based on HPE Synergy. Your customer has the following requirements:

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- HPE MicroChip Smart RAID P416ie-m SR Gen10 12G SAS Mezzanine Controller

Which two statements are true regarding the proposal? (Choose two.)

A. 2 HPE Synergy 50Gb Interconnect Link Modules should be removed from the proposal as the total number of interconnects required is six.

B. Two HPE Virtual Connect SE 100Gb F32 Module for Synergy can be removed from the proposal because all requirements are met without them.

C. vSphere Enterprise Plus subscriptions can be replaced with vSphere Standard subscriptions.

D. HPE MicroChip Smart RAID P416ie-m SR Gen10 12G SAS Mezzanine Controller can be removed, because there are no external SAS disk enclosures included in the proposal.

E. To access HPE Alletra MP B10000 arrays, FC upgrade licenses for HPE Virtual Connect SE 100Gb F32 Modules for Synergy must be purchased.

Suggested Answer: *A, C*

Currently there are no comments in this discussion, be the first to comment!

Question #19 *Topic 1*

When discussing the features of the HPE Private Cloud AI framework, how can a user see which NVIDIA Inference Microservices are available in the setup?

A. From the local management of NVIDIA AI Enterprise

B. From the REST catalog using the curl command

C. From the Private Cloud AI Tools and frameworks view

D. From the BOM that was used to setup the system initially

Suggested Answer: *C*

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