

HP

Exam Questions HPE0-S59

HPE Compute Solutions



NEW QUESTION 1

What is one of the benefits of using HPE Composer 2?

- A. HPE Composer 2 has 128GB of memory and 4 AMD CPUs to improve performance of the management system
- B. HPE Composer 2 modules are required to manage HPE virtual Connect SE 100Gb F32 Modules for Synergy
- C. The administrator can access an HPE Synergy Composer 2 appliance remotely to perform First Time Setup
- D. A pair of HPE Composer 2 modules can manage 42 frames, compared to 21 frames managed by HPE Composer

Answer: A

NEW QUESTION 2

Your customer is implementing an HPE Synergy solution based on three frames. Click each of the ports that can be used to connect satellite modules.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 3

Your customer plans to add four HPE Synergy frames to an existing management ring. All installed frames are equipped with two 2-port FLM modules, while new frames will be equipped with 4-port FLM modules.

Which statement about mixing different FLM modules is true?

- A. Existing 2-port FLM modules must be replaced with 4-port FLM modules
- B. A management ring can contain mixed frame link module configurations
- C. A management ring with mixed FLM modules cannot have more than 12 frames
- D. Mixing different FLM modules is allowed if all of them have the same firmware version

Answer: C

NEW QUESTION 4

Your customer plans to use HPE Primera to boot HPE Synergy compute nodes. They currently have two HPE Virtual Connect SE 100Gb F32 Module for Synergy modules installed in the frame. The customer wants to use FC as a storage access protocol.

What must be done to complete this task?

- A. Enable FC primary and secondary boot on the modules through the HPE OneView interface
- B. FC connectivity on the modules should be enabled through the service console by disabling FCoE.
- C. Add FC upgrade licenses in HPE OneView that will enable FC connectivity for the modules
- D. Enter both modules into a maintenance mode, then enable FC connectivity through CLI

Answer: B

NEW QUESTION 5

Your customer plans to setup an HPE Synergy solution based on SY480 Gen10 compute nodes with the following connectivity options - SAS connectivity installed in the first fabric - FC connectivity installed in the second fabric - Ethernet connectivity installed in the third fabric.

Which statement regarding this setup is true?

- A. Each compute node must have at least 768GB of memory installed
- B. Interconnect modules that provide SAS connectivity should be moved to the third fabric
- C. Each interconnect module in each fabric must be properly licensed in HPE OneView
- D. Compute nodes must have a second CPU installed to access the second fabric.

Answer: A

NEW QUESTION 6

Your customer has the following HPE Synergy setup

- 3 HPE Synergy 12000 Frames
- 4 HPE Virtual Connect SE 100 Gb F32 Modules
- 2 HPE Synergy 50 GO Interconnect Link Modules
- 36 HPE Synergy 480 Gen10 Plus compute modules
- 2 HPE Composer 2 modules

Which statement about this setup is true?

- A. To use all compute nodes, the customer must create at least two logical enclosures
- B. To manage all frames, the customer must buy two additional HPE Composer 2 modules
- C. The customer must buy 36 HPE OneView Advanced licenses to manage compute modules
- D. The customer can add one D3940 storage Module to each of the frames

Answer: C

NEW QUESTION 7

Your customer plans to deploy a VMware ESXi with HPE Synergy platform. They plan to use Distributed Switches and DRS cluster. You are preparing a proposal with the following components:

- HPE Synergy frame with ten HPE Synergy 480 Gen10 Plus compute modules
 - two HPE Virtual Connect SE 100Gb F32 Modules for Synergy
 - an appropriate number of the vSphere Standard licenses for each compute node
 - one HPE D3940 Storage Modules with 40 SSDs - all required cables and options
- Which statement about this proposal is true?

- A. One HPE Virtual Connect SE 100Gb F32 Module for Synergy should be replaced with 50GD/S ILM
- B. vSphere Standard licenses should be replaced with Enterprise Plus licenses to enable requested features
- C. 2 additional HPE Synergy 480 Gen10 Plus compute modules can be added to this setup
- D. 20 SSD drives should be removed from this setup, as D3940 supports only 20 SSD or SAS drive.

Answer: B

NEW QUESTION 8

What is a restriction of using a RoCE network?

- A. It is by default configured as an untagged network and cannot be a part of a network set.
- B. It does not support Private VLAN and Multicast VLAN.
- C. it is not supported with HPE Virtual Connect SE 40 GD F8 Module for HPE Synergy.
- D. It does not support smart link and private network features.

Answer: A

NEW QUESTION 9

Match each HPE Synergy logical component with the definition.

Component	Definition
Enclosure group	Acts as a recipe for creating a group that represents the available networks, uplink sets, and interconnect settings for a set of physical interconnects in a set of enclosures.
Logical enclosure	A single administrative entity that consists of the configuration for a set of interconnects in a single enclosure or a frame link topology.
Logical interconnect	A logical resource that defines a consistent configuration for an enclosure or a set of enclosures making up a logical enclosure.
Logical interconnect group	Contains the configuration intended for a set of physical enclosures.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Component		Definition
Enclosure group	Logical interconnect group	Acts as a recipe for creating a group that represents the available networks, uplink sets, and interconnect settings for a set of physical interconnects in a set of enclosures.
Logical enclosure	Logical interconnect	A single administrative entity that consists of the configuration for a set of interconnects in a single enclosure or a frame link topology.
Logical interconnect	Enclosure group	A logical resource that defines a consistent configuration for an enclosure or a set of enclosures making up a logical enclosure.
Logical interconnect group	Logical enclosure	Contains the configuration intended for a set of physical enclosures.

NEW QUESTION 10

Which statement about an HPE Oneview support dump is true?

- A. Appliance support dump by default contains a logical enclosure support dump
- B. Support dump is a binary file that can be opened only in a dedicated application
- C. Support dump can be created if HPE Virtual Connect modules are installed in the frame
- D. Preview support dump is available only when creating an appliance support dump

Answer: B

NEW QUESTION 10

Which statement about HPE Superdome Flex 280 is true?

- A. It supports 2 to 8 sockets in 2-socket increments.
- B. it cannot be managed using HPE OneView.
- C. It must be equipped with at least 768 GB of memory.
- D. It can support up to two nPars with an external RMC.

Answer: C

NEW QUESTION 14

Your customer plans to deploy VMware ESXi 7.0 U2 and they are looking for a hardware platform that will allow them to use up to 24 TB of physical memory. Which HPE compute system meets this customer's requirements?

- A. HPE ProLiant DL380 Gen 10 Plus
- B. HPE Synergy 480 Gen10 Plus
- C. HPE ProLiant DL560 Gen10
- D. HPE Superdome Flex 280

Answer: A

NEW QUESTION 15

Your customer plans to use HPE OneView for VMware vCenter Server to deploy ESXi systems. They created a server profile template that they want to use in HPE OneView.

Put the steps required to configure HPE OneView for VMware vCenter Server on the left into their correct order on the right.

Steps

Add HPE OneView credentials to the vCenter Server and create OS Deployment Plan.

Add vCenter Server to HPE OneView for VMware vCenter Server

Deploy new ESXi systems using vCenter Server interface.

Upload HPE-friendly ESXi image.

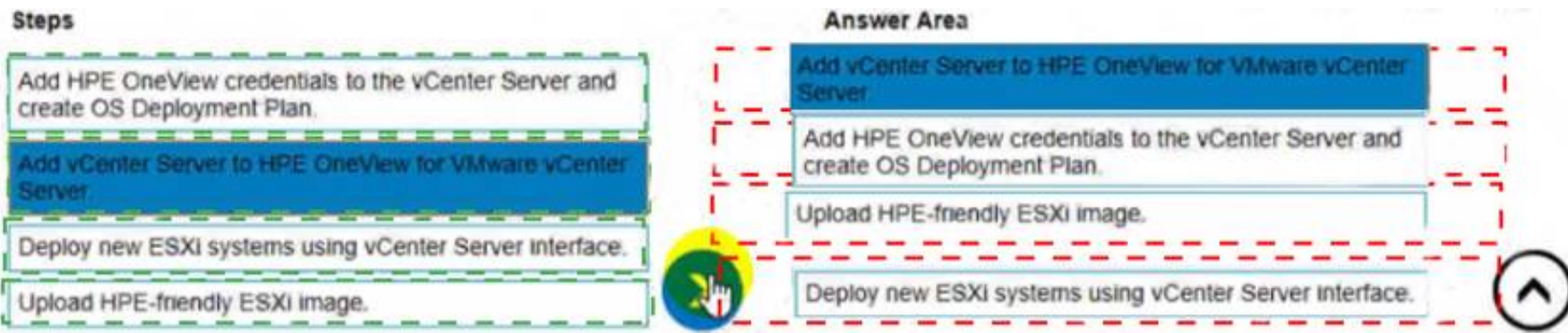
Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 18

Your customer has the following HPE Synergy setup

- Three frames fully populated with HPE Synergy 480 Gen10 Plus modules and 25Gb/s downlink speed formulating a single logical enclosure
- Two HPE Virtual Connect SE 100Gb F32 Module for Synergy
- Four HPE Synergy 50Gb interconnect Link Module
- Six HPE Synergy Virtual Connect SE 32Gb FC Modules The customer needs to add a frame.

Which statement about the expansion of this setup is true?

- A. The additional frame must have HPE Virtual Connect FC modules installed
- B. The customer can grow the existing logical enclosure up to 5 frames
- C. The customer has to create a new logical enclosure for the additional frame
- D. The additional frame cannot have 12Gb SAS connection modules installed

Answer: C

NEW QUESTION 21

Your customer wants to add dedicated Fibre Channel connectivity to the HPE Synergy frame running HPE Synergy 480 Gen10 compute modules, each with one CPU socket populated. Currently they use two 12 Gb SAS switches and two HPE Virtual Connect SE 100Gb F32 Modules for HPE Synergy installed in third fabric. What must be done to enable dedicated FC connectivity for this HPE Synergy frame?

- A. A second CPU must be installed for all HPE Synergy 480 Gen10 compute nodes.
- B. For Brocade switches, a logical interconnect group must be created in HPE OneView.
- C. For VC-FC modules, all of server facing ports must be properly licensed.
- D. SAS switches must be moved to second fabric and FC modules installed in the first one.

Answer: D

NEW QUESTION 24

Which statement about a new HPE SimpliVity deployment is true?

- A. New HPE SimpliVity deployments give customer flexible choice of hypervisor
- B. All new HPE SimpliVity models are based on AMD CPUs
- C. All new HPE SimpliVity models support deduplication and compression
- D. New HPE SimpliVity deployments are licensed per node not per physical socket

Answer: C

NEW QUESTION 27

Your customer plans to deploy HPE Superdome Flex and configure two nPars, each based on two chassis. Which components must be included in the proposal to meet the customer's needs?

- A. Rack Management Controller for nPar management
- B. HPE Superdome Flex Grid licenses enabling connectivity between chassis
- C. At least four HPE Persistent Memory DIMMs per nPar
- D. One base chassis and three expansion chassis with licenses

Answer: D

NEW QUESTION 30

Your customer added a new Ethernet network in HPE OneView that is used to manage their HPE Synergy platform.

When the customer tries to connect one of the compute nodes to this network through the server profile, this network is not available.

What must be done to fix this issue?

- A. Check the Logical Enclosure settings and verify if the maximum number of networks allowed for this LE is reached.
- B. To make this network available to use in the server profile, the customer must enable the Smart Link feature within network definition.
- C. The newly created network must be added to the uplink set within the LIG, and Logical interconnect configuration must be updated from the LIG.
- D. Check within the server profile which server hardware is used and perform the Refresh operation on this compute node to get the latest adapter information.

Answer: C

NEW QUESTION 35

What is a limitation when creating a server profile?

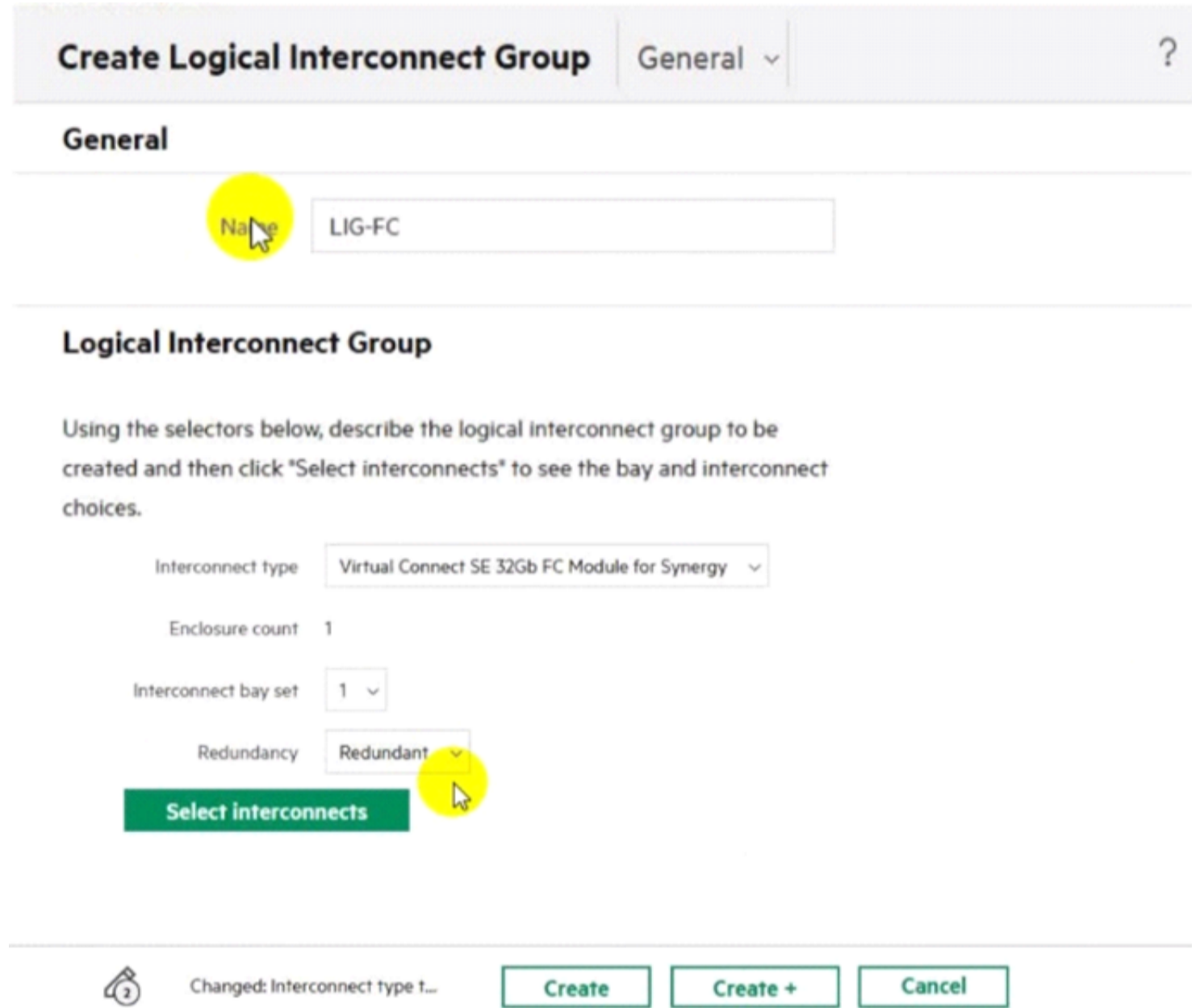
- A. BIOS settings can be changed only when UEFI optimized is selected as boot mode

- B. ILO management is limited to the integration with Active Directory or LDAP
- C. Administrator cannot define more than 8 connections within a server profile
- D. It is not possible to create shared volumes on demand through a server profile

Answer: B

NEW QUESTION 40

Refer to the exhibit.



Which statement about this logical interconnect group is true?

- A. Both modules are located in different frames for redundancy
- B. For an uplink set, ports from different modules can be selected
- C. interconnect modules are installed in interconnect bays 1 and 4
- D. An additional license is required to change the enclosure count

Answer: D

NEW QUESTION 45

Your customer experienced some problems caused by outdated HPE Superdome Flex firmware. Which update method should they use to avoid these issues in the future?

- A. HPE OneView method for I/O firmware update procedure
- B. RMC CLI to update I/O and HPE Persistent Memory firmware
- C. HPE OneView IT HPE Persistent Memory firmware must be updated.
- D. HPE SUM if HPE Persistent Memory firmware must be updated

Answer: B

NEW QUESTION 50

Which statement about login redistribution is true?

- A. Login redistribution is available only if HPE Primera or HPE Alletra is connected directly to the HPE Synergy frame
- B. Login redistribution is a licensed feature and the number of licenses required depends on the number of active ports
- C. Login redistribution is supported only on the HPE Synergy Virtual Connect SE 32Gb FC Modules
- D. Login redistribution is used for login balancing when they are not distributed evenly over the FC links

Answer: C

NEW QUESTION 52

Refer to the exhibit.

Create Logical Interconnect Group
General ▾
?

General

Name

Logical Interconnect Group

Using the selectors below, describe the logical interconnect group to be created and then click "Select interconnects" to see the bay and interconnect choices.

Interconnect type

Enclosure count

Interconnect bay set

Redundancy

Downlink speed

Select interconnects

Changed: Name to "LIG-ETH"

Create
Create +
Cancel

Which statement about this logical interconnect group is true?

- A. The master modules are located in the interconnect bays 2 and 5
- B. For the given downlink speed, the maximum number of frames is reached
- C. Both master modules are located in the same HPE Synergy frame
- D. To use interconnect bay set 3, all compute nodes must be half-height

Answer: C

NEW QUESTION 54

An HPE Synergy customer needs to prevent a timeout and loss of communication during an external switch firmware upgrade. Click the parameter that the customer should configure within an uplink set to meet this requirement

Create Uplink Set
?

General

Name

Consistency checking

Type

Connection mode

LACP timer

LACP load balancing

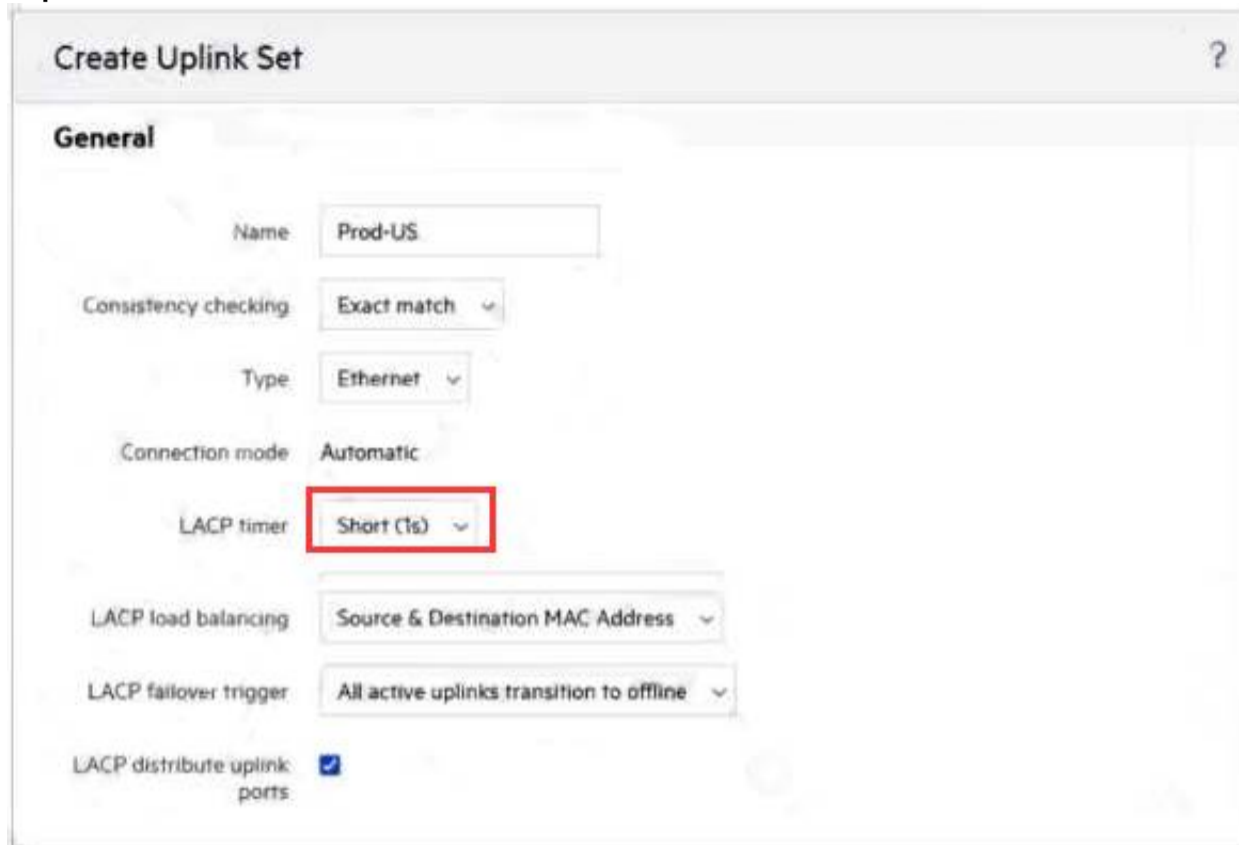
LACP failover trigger

LACP distribute uplink ports

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 59

You modified a logical interconnect group that is used to configure logical interconnects in five different logical enclosures. What will be the impact of that change?

- A. All physical interconnects from affected logical interconnects will be placed in a maintenance mode
- B. All physical interconnects from the affected logical interconnects must be rebooted to activate the new configuration
- C. All logical interconnects configured using this logical Interconnect group will report inconsistency
- D. All logical interconnects configured using this logical interconnect group will be automatically updated

Answer: A

NEW QUESTION 61

Which statement about the SY480 Gen10 Plus Compute Module is true?

- A. It cannot be mixed with Gen9 compute modules in the same frame.
- B. It supports 8 memory channels and memory DIMMs of up to 256GB.
- C. It only supports NVDIMM Persistent Memory.
- D. It supports 3rd Gen AMD EPYC Server Processors with 64 cores.

Answer: C

NEW QUESTION 62

Which statement about HPE Apollo 2000 Gen10 Plus platform is true?

- A. It is equipped with HPE Persistent memory by default
- B. It can support a single processor only and up to 4 per chassis
- C. It is fully managed using HPE OneView including all connections
- D. It offers servers with AMD EPYC and Intel Xeon Scalable CPUs

Answer: B

NEW QUESTION 66

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