



HP

Exam Questions HPE0-S59

HPE Compute Solutions

NEW QUESTION 1

Match HPE SimpliVity team with the definition.

Term	Definition
Arbiter	Non-hyperconverged servers that can exist in an HPE SimpliVity environment and provide additional compute capacity while consuming the storage provided by the hyperconverged nodes.
Compute node	Provides centralized management and events end-point for vCenter.
Intelligent Workload Optimizer	Integrates with VMware Distributed Resources Scheduler to ensure optimal placement of the VM compute resources.
Management Virtual Controller	Facilitates communication between nodes and resolves state conflicts to ensure service continuity.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Term	Definition
Arbiter	Non-hyperconverged servers that can exist in an HPE SimpliVity environment and provide additional compute capacity while consuming the storage provided by the hyperconverged nodes.
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Intelligent Workload Optimizer	Integrates with VMware Distributed Resources Scheduler to ensure optimal placement of the VM compute resources.
Management Virtual Controller	Facilitates communication between nodes and resolves state conflicts to ensure service continuity.

NEW QUESTION 2

Your customer plans to add four HPE Synergy frames to an existing management ring Ail 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 3

You configured a vVol datastore using HPE Storage integration Pack for VMware vCenter.

Which storage object should you check using SSMC to verify whether vVol datastore is configured property?

- A. App Volume Set
- B. Storage Container
- C. Virtual Volume Set
- D. virtual Volume

Answer: C

NEW QUESTION 4

A logical interconnect group can span on multiple HPE Synergy frames for which interconnect type?

- A. Brocade 32GB Fibre Channel Switch Module for HPE Synergy
- B. HPE virtual Connect SE 32 Gb FC Module for Synergy
- C. HPE Virtual Connect SE 100 Gb F32 Module tor Synergy
- D. HPE Synergy 12 Gb SAS Connection Module

Answer: C

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 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 7

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 8

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 9

Your customer plans to deploy HPE OneView for VMware vCenter Server together with HPE Storage Integration Pack for VMware vCenter. The customer wants to

use them to manage HPE Synergy Gen10 compute modules. HPE ProLiant Gen 10 servers and an MSA array. Which statement about compatibility of the existing environment with the planned software components is true?

- A. Both HPE Synergy Gen10 full-height compute module plugins will require a license
- B. HPE OneView for VMware vCenter Server does not support standalone HPE ProLiant servers
- C. To use the required plugins HPE ProLiant Gen10 systems must be managed using HPE OneView
- D. HPE Storage integration Pack for VMware vCenter does not support MSA arrays

Answer: B

NEW QUESTION 10

You need to configure a RoCE network to enable lossless networking for HPE J2000 Flash Enclosure support Which interconnects are required to support this connection? (Select two.)

- A. HPE Virtual Connect SE 40Gb F8 Module for HPE Synergy
- B. HPE Virtual Connect SE 16Gb FC Module for HPE Synergy
- C. HPE Virtual Connect SE 100Gb F32 Module for HPE Synergy
- D. HPE Virtual Connect SE 32Gb FC Module for HPE Synergy
- E. Brocade 16Gb Fibre Channel SAN Switch Module for HPE Synergy
- F. Brocade 32Gb Fibre Channel SAN Switch Module for HPE Synergy

Answer: BD

NEW QUESTION 10

Your customer has an HPE Synergy platform deployed and managed using HPE OneView. The customer also has HPE Superdome Flex with RMC deployed They plan to deploy a second nPar and HPE Superdome Flex 280 They plan to manage new components using HPE OneView What must be done to achieve this goal?

- A. The customer must use IL05 to add HPE Superdome Flex systems to HPE OneView
- B. The customer should deploy an HPE OneView appliance for HPE Superdome Flex management
- C. The customer must add a second Rack Management Controller for HPE Superdome Flex 280
- D. The customer has to add HPE Superdome Flex to the HPE OneView used to manage HPE Synergy

Answer: C

NEW QUESTION 15

Which tool can be used to evaluate the health of an HPE OneView appliance before proceeding with an appliance update.

- A. HPE Composer Maintenance Console
- B. HPE OneView Update Readiness Checker
- C. HPE OneView Global Dashboard
- D. HPE OneView Firmware Compliance Report

Answer: A

NEW QUESTION 17

In the past a customer experienced a networking issue where network ports went down and came back up in quick succession. Which HPE Virtual Connect SE 100 GD F32 Module for HPE Synergy feature can be configured to disable such ports?

- A. Pause flood protection
- B. sFlow
- C. Storm control
- D. Port flap protection

Answer: B

NEW QUESTION 20

Your customer plans to deploy a VMware ESXi with HPE Synergy platform. They also plan a vSAN deployment leveraging HPE D3940 Storage Modules and SSD drives

The customer requested 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 vSAN Standard licenses for each compute node
- One HPE O3940 Storage Module with 40 SSDs - All required cables and options Which statement about this request is true?

- A. vSphere licenses should be added, as vSAN licenses do not replace vSphere licenses
- B. vSphere Standard licenses should be replaced with Enterprise Plus licenses to enable vSAN
- C. One HPE Virtual Connect SE 100Gb F32 Module for Synergy should be replaced with 50GD/S ILM
- D. 20 SSD drives should be removed from this setup, as D3940 supports only 20 SSD or SAS drives.

Answer: B

NEW QUESTION 25

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 27

Match each HPE OneView network type with its definition.

Network Type	Definition
Internal network	A network that contains multiple networks on a single uplink set that allows your customer to share uplinks with those networks.
Tagged network	A network in which any tagged packets are dropped and forwarding is done by a MAC address.
Tunnel network	A network with a dedicated set of uplink ports used to pass a group of VLANs without changing the VLAN tags.
Untagged network	A network that does not utilize any uplink ports and is used for communication between servers in the same frame.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Network Type	Definition
Untagged network	A network that contains multiple networks on a single uplink set that allows your customer to share uplinks with those networks.
Tagged network	A network in which any tagged packets are dropped and forwarding is done by a MAC address.
Tunnel network	A network with a dedicated set of uplink ports used to pass a group of VLANs without changing the VLAN tags.
Internal network	A network that does not utilize any uplink ports and is used for communication between servers in the same frame.

NEW QUESTION 32

Which statement about the HPE D3940 storage module is true?

- A. SATA drives requires redundant 10 adapters to be installed in this module
- B. Up to five modules can be installed in a single frame with Gen10 servers
- C. it is configured through CLI available from HPE Synergy console
- D. Only one type of drives (SATA, SAS, SSD) can be installed in each module

Answer: C

NEW QUESTION 35

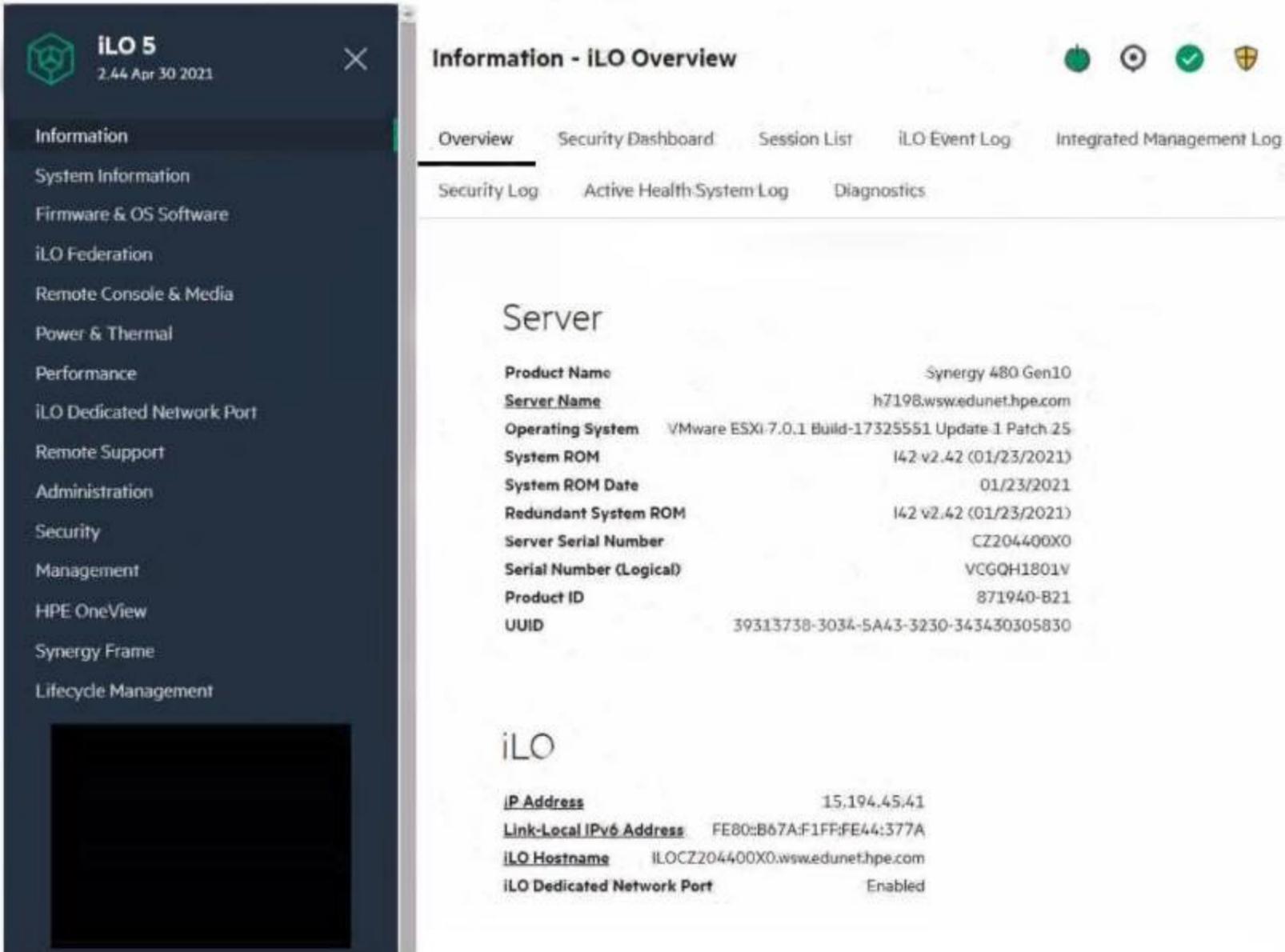
Your customer wants to compare HPE Superdome Flex with HPE Superdome Flex 280. Which statement about these two systems is true?

- A. Only HPE Superdome Rex 280 can be managed using HPE OneView
- B. Only HPE Superdome Flex supports HPE Persistent Memory
- C. Only HPE Superdome Flex 280 can support multiple nPars
- D. Only HPE Superdome Flex supports 32 sockets and 48TB of memory

Answer: A

NEW QUESTION 36

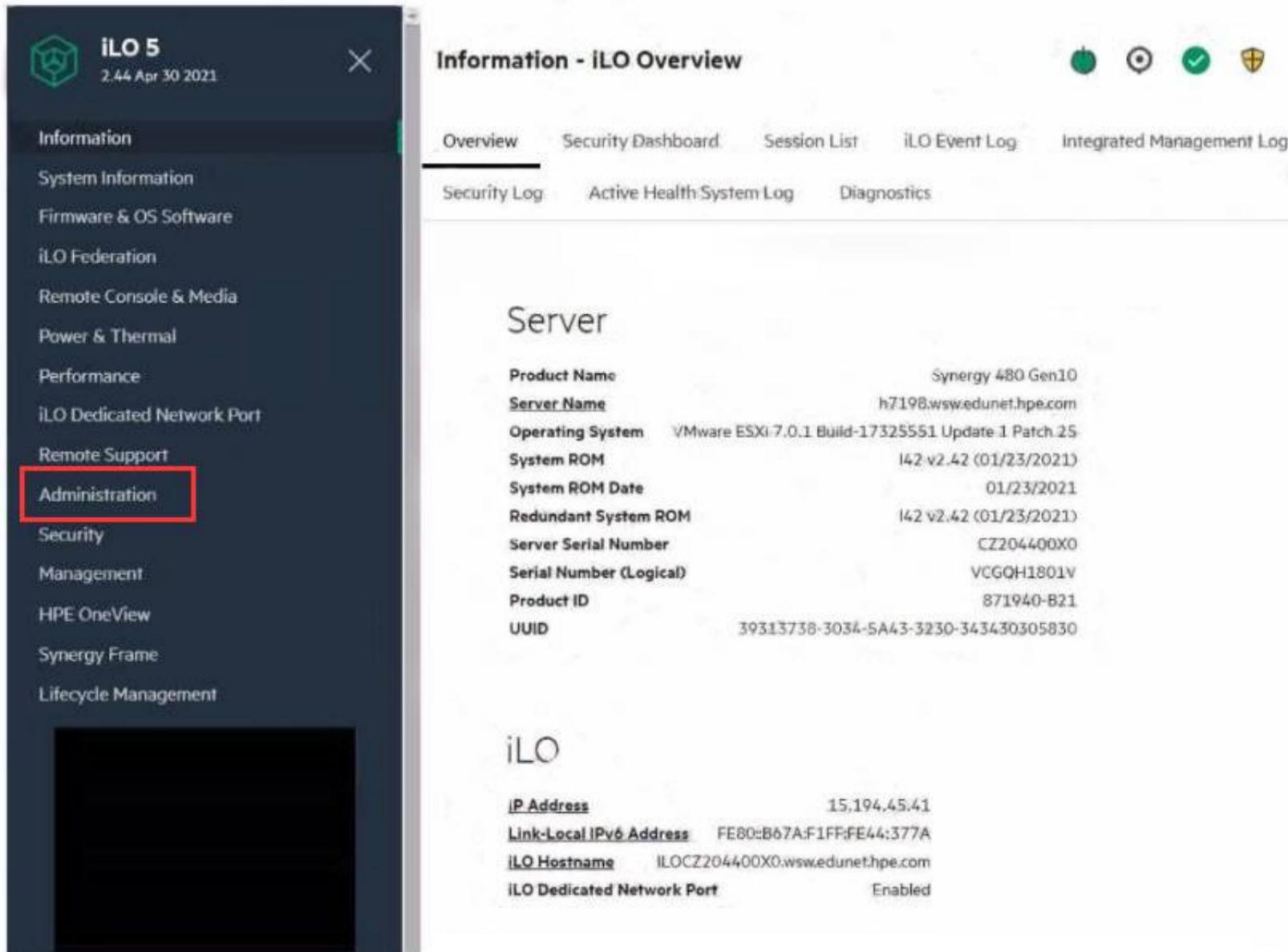
Click the area within the iLO management interface that will allow you to access workload Advisor.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 39

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 42

An administrator tries to open iLO interlace from HPE OneView. Instead of being automatically logged in a login prompt displays. Where should you start the troubleshooting process?

- A. At the iLO interface to verify whether the ILO Advanced license is properly applied
- B. At HPE OneView Interface to verify whether the server is in the maintenance mode
- C. At the iLO interface to verify whether the SSO certificate is removed from an iLO.
- D. At HPE OneView Interface to verify whether the iLO processor is disabled

Answer: A

NEW QUESTION 44

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 49

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 54

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 55

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

Select interconnects
↗

?
Changed: Interconnect type t...
Create
Create +
Cancel

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 57

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

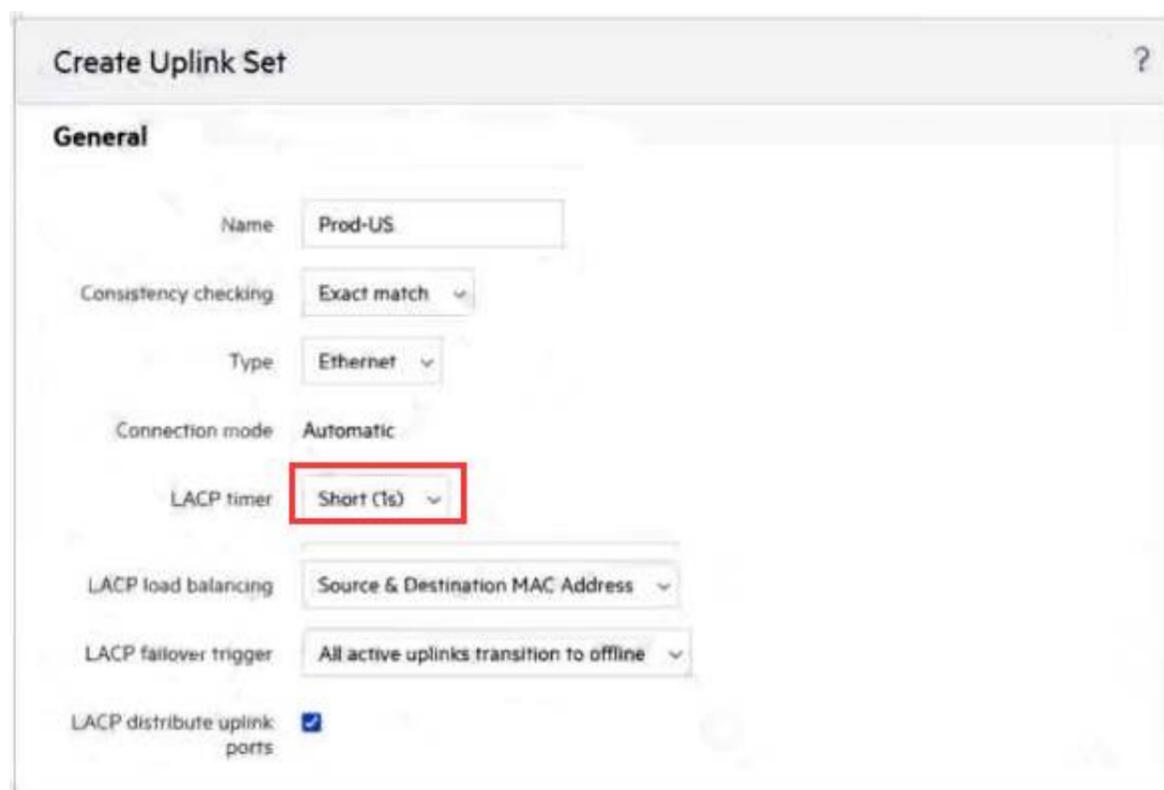
LACP failover trigger

LACP distribute uplink ports

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



The screenshot shows the 'Create Uplink Set' configuration interface. The 'General' tab is active. The 'Name' field is 'Prod-US'. 'Consistency checking' is set to 'Exact match'. 'Type' is 'Ethernet'. 'Connection mode' is 'Automatic'. The 'LACP timer' dropdown is highlighted with a red box and set to 'Short (1s)'. 'LACP load balancing' is 'Source & Destination MAC Address'. 'LACP failover trigger' is 'All active uplinks transition to offline'. The 'LACP distribute uplink ports' checkbox is checked.

NEW QUESTION 60

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 65

Your customer plans to deploy ESXi systems to HPE Synergy and HPE ProLiant servers using HPE OneView for VMware vCenter Server. Which statement about HPE OneView for VMware vCenter Server functionality is true for this environment?

- A. HPE ProLiant servers need an HPE OneView for VMware vCenter Server license for full functionality
- B. Individual systems can be added to HPE OneView for VMware vCenter Server through an ILO management processor
- C. HPE Synergy requires HPE Composer 2 for full functionality of HPE OneView for VMware vCenter Server
- D. Only systems managed using HPE OneView can use HPE OneView for VMware vCenter Server functionalities

Answer: A

NEW QUESTION 70

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