

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 has 6 logical enclosures spanning 18 HPE Synergy frames. The customer needs to add one more logical enclosure based on 5 HPE Synergy frames

How will this change impact the customer environment?

- A. The customer can add a new logical enclosure to the existing setup because the maximum number of logical enclosures in a single management ring is not reached.
- B. The customer has to expand the management ring capacity either by adding HPE Composer 2 modules or adding memory to reach 128GB per module.
- C. The customer has to create a new management ring for new logical enclosure because the maximum number of frames in a single management ring is reached.
- D. The customer can add a new logical enclosure to an existing setup once all required licenses are added to HPE OneView and associated with the new frames.

Answer: A

NEW QUESTION 3

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.
Compute node		Provides centralized management and events end-point for vCenter.
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NEW QUESTION 4

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 16 CPU sockets. Which HPE compute system meets the customer requirements?

- A. HPE ProLiant DL580 Gen10
- B. HPE ProLiant OL380 Gen 10 Plus
- C. HPE Synergy 480 Gen10 Plus
- D. HPE Superdome Flex system

Answer: C

NEW QUESTION 5

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 6

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 for Synergy
- D. HPE Synergy 12 Gb SAS Connection Module

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 50GB/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

You need to setup HPE Synergy frames after hardware components are discovered within HPE OneView. Put the steps to achieve this goal into the correct order in the answer area on the right.

Steps

Answer Area

Create a logical enclosure.

Create a logical interconnect group with uplink sets.

Create an enclosure group.

Create server profile templates and server profiles

Define all required networks.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Steps

Answer Area

Create a logical enclosure.

Create a logical interconnect group with uplink sets.

Create an enclosure group.

Create server profile templates and server profiles

Define all required networks.

Create a logical interconnect group with uplink sets.

Create a logical enclosure.

Create an enclosure group.

Create server profile templates and server profiles

Define all required networks.



NEW QUESTION 9

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

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 10

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
Internal network	A network that contains multiple networks on a single uplink set that allows your customer to share uplinks with those networks.
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NEW QUESTION 11

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 14

You plan to configure a Link Aggregation Group (LAG) for two connections within a server profile for a compute node running an ESXI system. What is required from the VMware side to enable LAG?

- A. Virtual Distributed Switch
- B. vSphere Standard license
- C. Load balancing cluster
- D. Dedicated VMKernel port

Answer: D

NEW QUESTION 16

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:

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

Add vCenter Server to HPE OneView for VMware vCenter Server.

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

Upload HPE-friendly ESXi image.

Deploy new ESXi systems using vCenter Server interface.

NEW QUESTION 17

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

iLO 5
2:44 Apr 30 2021

- Information
- System Information
- Firmware & OS Software
- iLO Federation
- Remote Console & Media
- Power & Thermal
- Performance
- iLO Dedicated Network Port
- Remote Support
- Administration
- Security
- Management
- HPE OneView
- Synergy Frame
- Lifecycle Management

Information - iLO Overview

Overview
Security Dashboard
Session List
iLO Event Log
Integrated Management Log

Security Log
Active Health System Log
Diagnostics

Server

Product Name	Synergy 480 Gen10
Server Name	h7198.wsw.edunet.hpe.com
Operating System	VMware ESXi 7.0.1 Build-17325551 Update 1 Patch 25
System ROM	I42 v2.42 (01/23/2021)
System ROM Date	01/23/2021
Redundant System ROM	I42 v2.42 (01/23/2021)
Server Serial Number	CZ204400X0
Serial Number (Logical)	VCGQH1801V
Product ID	871940-B21
UUID	39313738-3034-SA43-3230-343430305830

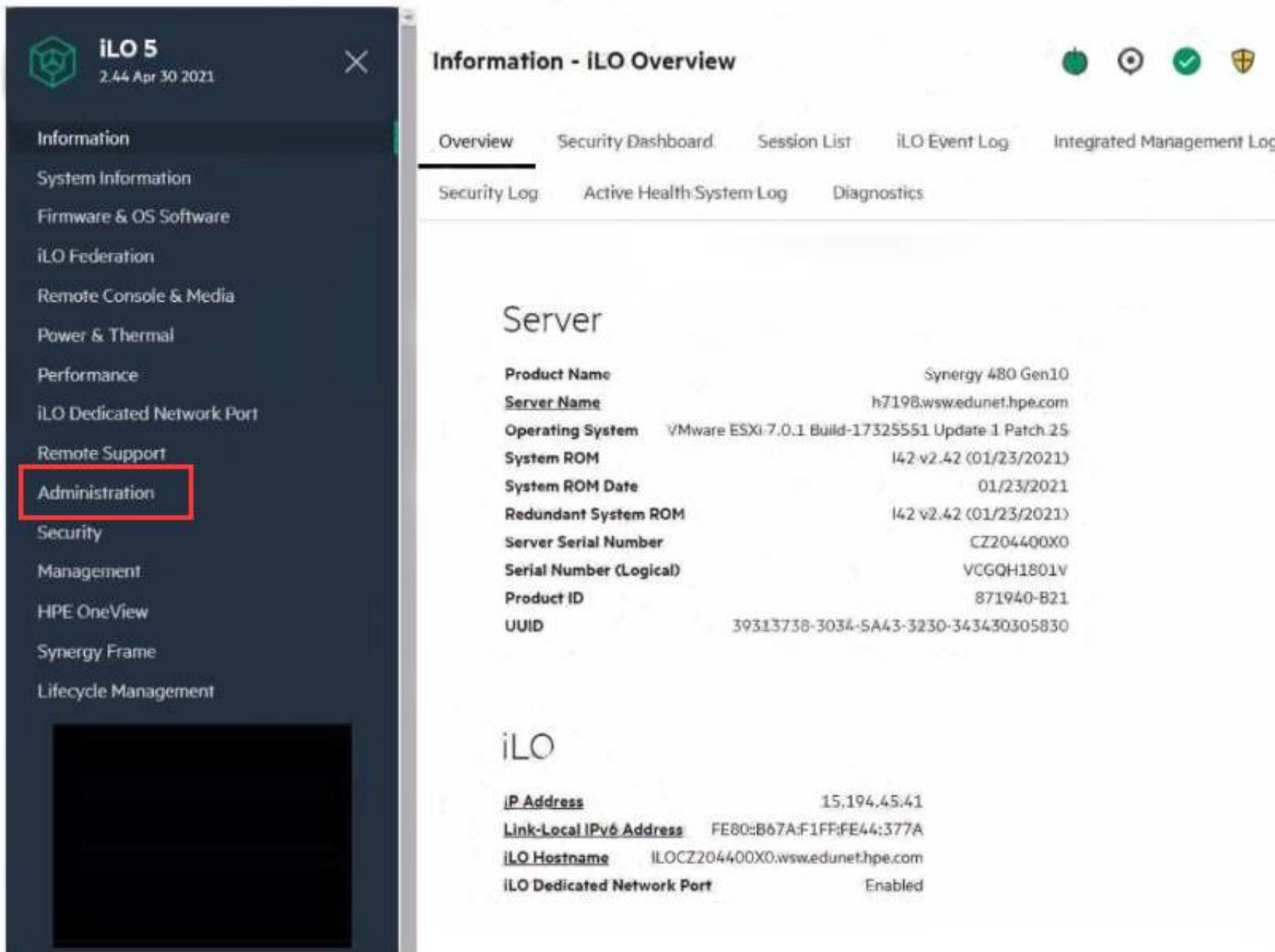
iLO

IP Address	15.194.45.41
Link-Local IPv6 Address	FE80::B67A:F1FF:FE44:377A
iLO Hostname	ILOCZ204400X0.wsw.edunet.hpe.com
iLO Dedicated Network Port	Enabled

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 22

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 29

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 34

Your customer has an HPE Synergy frame equipped with a D3940 Storage Module. Each of the compute nodes has an appropriate storage controller installed and two 12Gb SAS switches installed in the first fabric.

The customer reports that compute nodes cannot access the storage module. What should you verify first when troubleshooting this problem?

- A. If the D3940 module is imported in managed state that allows volume provisioning.
- B. If there is a logical interconnect created based on the 12Gb SAS switches.
- C. If the D3940 storage module is properly licensed through HPE OneView interface.
- D. If there is at least one iSCSI network configured that will provide access to the module.

Answer: A

NEW QUESTION 35

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