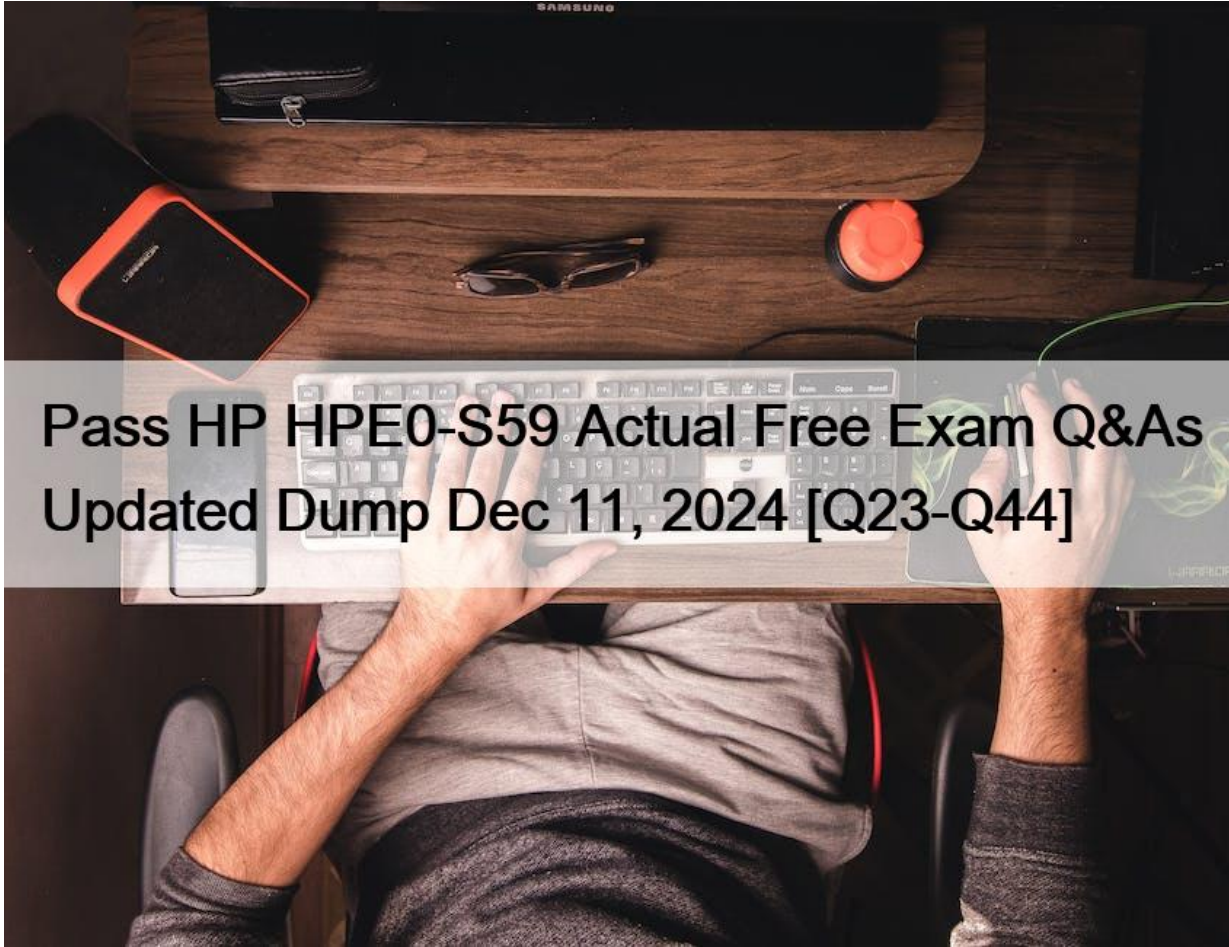


Pass HP HPE0-S59 Actual Free Exam Q&As Updated Dump Dec 11, 2024 [Q23-Q44]



Pass HP HPE0-S59 Actual Free Exam Q&As Updated Dump Dec 11, 2024 Latest HPE0-S59 Actual Free Exam Updated 81 Questions QUESTION 23

Which statement about HPE Superdome Flex 280 is true?

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

QUESTION 24

You are troubleshooting an HPE OneView server profile that presents a critical state. The server profile was configured with a Link Aggregation Group What should you check to fix the issue?

- * if both FiexNICs are configured with the same speed
- * If the logical enclosure is built on at least three HPE Synergy frames
- * if both FiexNICs are connected to different networks

- * if the logical enclosure is configured with redundant master modules

QUESTION 25

Your customer has experience with utilization sampling for HPE Virtual Connect SE 100 Gb F32 Module for HPE Synergy. They have recently purchased HPE VC FC modules.

What must you be aware of regarding utilization sampling for the new modules?

- * Utilization sampling for HPE VC FC modules must be enabled manually using CLI.
- * For HPE VC FC modules, utilization sampling is always enabled and cannot be disabled
- * For HPE VC FC modules, utilization sampling can be enabled once appropriate license is applied
- * Utilization sampling works the same way for any type of HPE Synergy interconnect modules

For HPE Virtual Connect Fibre Channel (VC FC) modules, utilization sampling is always enabled by default and cannot be disabled. This feature ensures continuous monitoring of the module's performance and utilization, providing valuable insights for managing the Fibre Channel network.

QUESTION 26

Your customer plans to expand an existing nPar based on a single HPE Superdome Flex chassis. Which statement about workload availability during expansion is true?

- * Powered nPar can be expanded only if HPE Superdome Flex 280 is used
- * Online expansion is available only if RMC is used for management.
- * HPE Superdome Flex does not support expansion of powered on nPars
- * Powered nPar can be expanded if it does not use HPE Persistent Memory

HPE Superdome Flex allows for the expansion of powered-on nPars (nPartitions), but this capability is subject to certain conditions. One of these conditions is that the nPar does not use HPE Persistent Memory. Expanding an nPar with Persistent Memory typically requires a shutdown to reconfigure the memory settings safely.

QUESTION 27

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

QUESTION 28

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?

- * Pause flood protection
- * sFlow
- * Storm control
- * Port flap protection

QUESTION 29

Which statement about HPE Superdome nPars is true?

- * Chassis in the same nPar can have different CPU configuration
- * Rack Management Controller is required for nPar configuration
- * Chassis in the same nPar can have different memory configuration
- * nPars are supported only with 3rd Generation Intel Xeon Scalable Processors

The Rack Management Controller (RMC) is a critical component for configuring nPartitions (nPars) in HPE Superdome systems. The RMC provides the necessary control and management interfaces to define and manage nPars, ensuring proper allocation of resources and isolation of workloads.

QUESTION 30

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?

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

HPE Synergy allows scaling of logical enclosures up to 5 frames. Given the current setup of three frames fully populated with HPE Synergy 480 Gen10 Plus modules and other specified components, the customer can add another frame to the existing logical enclosure. This flexibility in scaling ensures that the logical enclosure can be expanded without the need to create a new logical enclosure, provided that the necessary interconnect modules are in place.

QUESTION 31

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.	

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Steps

- 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.

Answer Area

- Create an enclosure group.
- Create a logical interconnect group with uplink sets.
- Define all required networks.
- Create a logical enclosure.
- Create server profile templates and server profiles.

Explanation:

To set up HPE Synergy frames after the hardware components are discovered within HPE OneView, the following steps should be followed in the correct order:

- * Create an enclosure group.
- * Create a logical interconnect group with uplink sets.
- * Define all required networks.
- * Create a logical enclosure.
- * Create server profile templates and server profiles.
- * Create an enclosure group: This step involves defining the enclosure group, which includes the configurations for the enclosure such as firmware baselines and logical interconnect groups.
- * Create a logical interconnect group with uplink sets: Next, set up the logical interconnect group, which includes the uplink sets that define the connectivity from the enclosures to the data center networks.
- * Define all required networks: After setting up the logical interconnect group, define all the necessary networks that will be used within the HPE Synergy environment.
- * Create a logical enclosure: Create a logical enclosure by combining the physical enclosures with the defined enclosure group, effectively binding the hardware configuration with the logical settings.
- * Create server profile templates and server profiles: Finally, create server profile templates and individual server profiles to apply the required configuration settings to the compute modules.

QUESTION 32

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

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

One of the key benefits of using HPE Composer 2 is its enhanced scalability. A pair of HPE Composer 2 modules can manage up to 42 frames, which is double the capacity managed by the previous generation HPE Composer (which manages up to 21 frames). This increased capacity allows for more efficient and large-scale management of HPE Synergy environments.

QUESTION 33

Your customer wants to add a second HPE Synergy frame to an existing logical enclosure Based on a single HPE Synergy frame. The customer wants to use a highly available master setup.

Which procedures should be performed during the expansion process? (Select two.)

- * Create a new logical interconnect group and enclosure group for two frames setup
- * Create a new logical enclosure based on both HPE Synergy frames.
- * Re-parent an existing enclosure group to the new logical interconnect group.
- * Modify an existing logical interconnect to include second HPE Synergy frame.
- * Move one of the master modules to the appropriate interconnect bay in the second frame.

To expand an existing logical enclosure based on a single HPE Synergy frame to include a second frame and ensure a highly available master setup, the following steps should be performed:

- * Modify an existing logical interconnect to include the second HPE Synergy frame: This step involves updating the logical interconnect configuration to encompass the new frame, ensuring network connectivity and consistency across both frames.
- * Move one of the master modules to the appropriate interconnect bay in the second frame: To achieve a highly available master setup, one of the master modules should be relocated to the second frame, providing redundancy and high availability for the management components.

QUESTION 34

Which statement about manual orchestration during the firmware update is true?

- * It is supported only for logical enclosures with at least three frames
- * It provides an ability to select and update one side of the Interconnect topology at a time
- * It provides the ability to install an older firmware version than currently installed in the interconnect
- * It allows all the interconnect modules to be activated manually at the same time.

Manual orchestration during a firmware update allows administrators to control the update process more precisely. Specifically, it enables the selection and update of one side of the interconnect topology at a time.

This capability is particularly useful in maintaining network availability and minimizing downtime during the update process, as one side can be updated and verified before proceeding to the other side.

QUESTION 35

Which statement about an HPE Oneview support dump is true?

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

QUESTION 36

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?

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

QUESTION 37

Your customer reports that an external FC boot volume for Windows server is visible four times in the Disk Management 1 online and 3 offline.

What should you do to resolve this issue?

- * Disable deduplication for this volume at the array level
- * Remove the offline disks using array management tools
- * Install and configure MPIO on the Windows system
- * Remove the offline disks using Windows Disk Management

QUESTION 38

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

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

QUESTION 39

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?

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

QUESTION 40

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

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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
System 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	39313738-3034-5A43-3230-343430305830

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

The screenshot displays the iLO 5 management interface. On the left is a dark sidebar with a menu. The 'Administration' option is highlighted with a red box. The main content area is titled 'Information - iLO Overview' and contains several tabs: 'Overview' (selected), 'Security Dashboard', 'Session List', 'iLO Event Log', 'Integrations', 'Security Log', 'Active Health System Log', and 'Diagnostics'. Below the tabs, the 'Server' section lists various system details:

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
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Serial Number (Logical)	VCGQH1801V
Product ID	871940-B21
UUID	39313738-3034-5A43-3230-343430305830

Below the server information, the 'iLO' section lists network-related details:

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

QUESTION 41

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

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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	142 v2.42 (01/23/2021)
System ROM Date	01/23/2021
Redundant System ROM	142 v2.42 (01/23/2021)
Server Serial Number	CZ204400X0
Serial Number (Logical)	VCGQH1801V
Product ID	871940-B21
UUID	39313738-3034-5A43-3230-343430305830

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

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

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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

Explanation:

The Performance section within the iLO management interface provides access to the Workload Advisor. This feature offers insights and analytics regarding the server's performance, helping to optimize workloads and manage resources efficiently.

QUESTION 42

Your customer used to manage their HPE 3PAR arrays using HPE OneView. Now they have replaced these arrays with HPE Primera.

How does managing the new arrays compare to managing their old arrays?

- * HPE OneView offers additional functionalities for HPE Primera like CPG management
- * HPE OneView offers limited support for HPE Primera because of the firmware differences
- * To manage HPE Primera using HPE OneView, a dedicated license is required
- * Management procedures and features are the same for both types of the array

When managing HPE Primera arrays using HPE OneView, the management procedures and features are largely the same as those for HPE 3PAR arrays. HPE OneView provides a consistent management experience across both storage platforms, allowing customers to easily transition from HPE 3PAR to HPE Primera without significant changes to their management workflows.

QUESTION 43

Which statement about HPE Superdome Flex 280 is true?

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

QUESTION 44

The proposal consists of.

• 3 HPE Synergy 12000 frames

• 6 HPE Composer 2 modules

• 2 HPE Virtual Connect SE 100 Gb F32 Modules

• 4 HPE Synergy 50 Gb interconnect Link Modules

Which statements about this proposed design are true? (Select two.)

- * The selected interconnect modules do not provide the requested WWN virtualization
- * HPE Synergy 50Gb ILMs must be replaced with HPE Virtual Connect SE 100 Gb F32 modules
- * The current setup can support up to 18 HPE Synergy 480 Gen10 Plus compute modules
- * FC upgrade licenses for HPE Virtual Connect SE 100 Gb F32 Module must be added
- * Remove 4 HPE Composer 2 modules from the design, as they are not required
- * D. FC upgrade licenses for HPE Virtual Connect SE 100 Gb F32 Module must be added: To enable Fibre Channel functionality on the HPE Virtual Connect SE 100Gb F32 Modules, it is necessary to add FC upgrade licenses. These licenses unlock the FC capabilities required for the proposed setup.
- * E. Remove 4 HPE Composer 2 modules from the design, as they are not required: The proposed design includes 6 HPE Composer

2 modules, but typically, only a pair of HPE Composer 2 modules is required to manage up to 21 frames. Therefore, the remaining 4 Composer 2 modules are not necessary and can be removed from the design.

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