

Exam Questions HPE0-S54

Designing HPE Server Solutions

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NEW QUESTION 1

A server consolidation solution must include services other than standard HPE CarePack deliverables. What should you include in your proposal to provide the customer with an overview of the project?

- A. terms and conditions
- B. work timeline
- C. scope of work
- D. billing schedule

Answer: C

NEW QUESTION 2

An environmentally sensitive customer has a data center that operates with fresh air cooling. Which feature of HPE ProLiant Gen10 servers makes them suitable to operate in this environment?

- A. HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Support
- B. Intel® Xeon-Platinum 8180M Support
- C. ASHRAE A4 compliance
- D. ACPI 6.1 Compliance

Answer: C

NEW QUESTION 3

A customer has a two frame Synergy setup with two Virtual Connect SE 40Gb F8 modules and two 20Gb Interconnect Link Module interconnect modules. The customer needs to expand into a third frame.

Which interconnect modules should be used to extend the logical enclosure?

- A. 2 x 20Gb Interconnect Link Modules
- B. 1 x Virtual Connect SE 40Gb F8 Interconnect Link Modules and 1 x 20Gb Interconnect Link Modules
- C. 2 x Virtual Connect SE 40Gb F8 Interconnect Link Modules
- D. 4 x Virtual Connect SE 40Gb F8 Interconnect Link Modules

Answer: A

NEW QUESTION 4

A customer is expanding their blade based infrastructure with HPE Synergy platform. The customer is familiar with HPE Virtual Connect Manager and wants to know if the same management procedures can be used to manage HPE Synergy platform.

How should you answer the customer's concern?

- A. HPE Synergy can be managed by HPE Composer, which is running an embedded version of the HPE OneView.
- B. HPE Synergy must be managed with HPE Systems Insight Manager
- C. HPE Synergy supports Virtual Connect modules, so it can be managed using Virtual Connect Manager
- D. HPE Synergy can be managed using Virtual Connect Manager as long as an additional license is purchased

Answer: B

NEW QUESTION 5

A customer is planning a new virtualization project and requests assistance with preparing a proposal for his management team.

Which financial information can be generated using the Alinean toolset? (Choose two.)

- A. licensing costs
- B. payback period
- C. cash flow
- D. bill of materials
- E. roles and responsibilities

Answer: BC

NEW QUESTION 6

A customer needs to track contract and warranty status and monitor support cases. What service option should you recommend?

- A. HPE UEFI Diagnostics
- B. HPE Proactive Service Credits
- C. HPE Insight Online
- D. HPE iLO5 Federation

Answer: B

NEW QUESTION 7

A customer is considering installing a Synergy frame in an existing rack where their c7000 chassis is currently installed.

Which question should you ask to ensure the new frame will be supported in the rack?

- A. Are there any third party servers installed?
- B. How deep is the existing rack?
- C. Is there a UPS installed in the rack?

D. How wide is the existing rack?

Answer: B

NEW QUESTION 8

A customer needs to update the system bios on their DL380 Gen10. They are unable to download the latest Service Pack for ProLiant. What is the most likely cause of the problem?

- A. Embedded remote support is not enabled on that server
- B. There is no valid SAID contract associated with their HPE passport
- C. The maximum number of servers supported by the agreement has been exceeded
- D. An iLO5 Advanced Premium Security Edition license has not been installed

Answer: B

NEW QUESTION 9

A customer reports a recent SSD drive failure in an HPE D2220sb Storage Blade that hosts is Virtual Desktop Infrastructure environment. The customer is concerned about the remaining expected lifetime of the SSD drives in its array. Which tool includes the SmartSSD Wear Gauge report that identifies drives at risk failure?

- A. HPE Smart Storage Administrator
- B. HPE OneView (Volumes screen)
- C. Option ROM Configuration for Arrays
- D. HPE SmartCache

Answer: A

Explanation:

Reference https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-c04455150

NEW QUESTION 10

A customer is experiencing high latency in an Apollo r2200 Gen9 SFF system. They want to upgrade performance with new units. Which servers in the Apollo line will increase performance while maintaining similar architecture? (Choose two.)

- A. Apollo 6000 Gen10
- B. Apollo r2800 Gen10
- C. Apollo 4510 Gen10
- D. Apollo r2200 Gen10
- E. Apollo r2600 Gen10

Answer: BE

NEW QUESTION 10

You are introducing Synergy to a new customer. Which tool can you use to demonstrate the physical components of the Synergy frame and how they connect?

- A. HPE Product Bulletin
- B. HPE Synergy Planning Tool
- C. HPE Product Tour
- D. HPE PartSurfer

Answer: B

NEW QUESTION 15

A customer finishes a proof of concept (PoC) evaluation of a DL380 Gen10 system and needs to securely overwrite all internal system storage and attached hard disks by applying random patterns in a three-pass process following security guidelines before the system can be redeployed. Which tool should be used?

- A. OneView
- B. Smart Storage Administrator
- C. Image Streamer
- D. Intelligent Provisioning

Answer: D

NEW QUESTION 17

While preparing to implement a Synergy solution, you notice the uplinks are all rated at 10Gb/s and consume four of the HPE Virtual Connect SE 40Gb F8 Module ports. They want to maximize free ports for future growth.

Which change would improve the design and increase customer satisfaction?

- A. Use a QSFP+ transceiver and AOC in place of the SFP+ DAC cables.
- B. Use a QSFP+ AOC, and remove the SFP+ DAC cables and QSFP+ to SFP+ adapters.
- C. Use a QSFP+ DAC splitter cable, and remove the SFP+ DAC cables and QSFP+ to SFP+ adapters.
- D. Use a MPO to Quad LC splitter cable in place of the SFP+ DAC cables.

Answer: C

NEW QUESTION 21

Which product automatically generates reports on collected lifecycle management events?

- A. HPE ONEView Global Dashboard
- B. HPE OneView
- C. Insight Online
- D. Insight Control

Answer: C

NEW QUESTION 25

A customer wants to streamline firmware and driver management of their HPE Synergy nodes running VMware hypervisor. They want to implement HPE Smart Update Tools (SUT). Which of the following options applies to the solution?

- A. HPE Support Pack for ProLiant (SPP) is uploaded to Composer and applied to the profile
- B. All VMware updates and drivers are downloaded by HPE OneView
- C. ICsp coordinates firmware and driver updates
- D. Each server must be booted to the SPP through iLO Console virtual media by the administrator

Answer: A

NEW QUESTION 26

A customer purchased HPE ProLiant Gen10 servers. The customer is transitioning from a physical to a virtual environment. Which feature should be enabled to ensure that they get the optimal performance from their new servers?

- A. UEFI optimized boot
- B. Integration with an HPE OneView for VMware vCenter
- C. Performance optimization using the workload profiles
- D. OneView OS Build Plan

Answer: C

NEW QUESTION 29

What is a benefit of NVMe technology?

- A. optimized SMB workloads
- B. minimized network bandwidth
- C. lower application costs
- D. low latency data access

Answer: D

NEW QUESTION 31

A customer needs a solution to support Online Transaction Processing (OLTP) and database workloads. Which Gen10 technology would optimize the environment for the customer?

- A. REST API
- B. Silicon Root of Trust
- C. workload profiles
- D. OneView

Answer: C

NEW QUESTION 36

Which product provides an interface for customers to monitor device health, hardware events, and contract and warranty status?

- A. Intelligent Provisioning
- B. Insight Online
- C. HPE OneView Global Dashboard
- D. HPE OneView

Answer: B

NEW QUESTION 41

A customer completed a successful Synergy PoC consisting of a single frame with dual composers and dual Virtual Connect SE 40Gb F8 modules. The customer needs additional frames to allow for growth. They require 20GB to each compute module. How many additional frames can be added to the existing logical enclosure?

- A. 1
- B. 2
- C. 3
- D. 5

Answer: C

NEW QUESTION 42

Your customer is interested in Synergy and composable infrastructure. They are concerned that operational savings may not meet expectations since operating system installation consumes a great deal of time.

Which feature should you highlight to overcome the objection?

- A. The Synergy Composer provides HTTPS boot services
- B. The Synergy Frame Link modules provide PXE operating boot partitions
- C. The Synergy Composer can provision operating systems in seconds
- D. The Synergy Image Streamer can provision operating systems in seconds

Answer: D

NEW QUESTION 45

Match the HPE management tool to the customer situation. (Each customer situation may be used more than once or not at all.)

Customer Situation	Management Tool
Built in tools managing single systems	Remote Support
Cloud-based tools to manage multiple systems	HPE OneView
Customer site tools to manage multiple systems	Insight Online
	iLO Amplifier Pack

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Built in tools managing single systems – not used
 Cloud-based tools to manage multiple systems – Remote Support and Insight Online
 Customer site tools to manage multiple systems – HPE OneView and iLO Amplifier Pack

NEW QUESTION 48

A c7000 customer wants to expand their server environment. You want to encourage them to move to Synergy to prepare them for the future. Which question should you ask?

- A. Is there a requirement for enhanced security on the management network?
- B. Do they want to maximize the memory footprint of their servers?
- C. Does their application workload benefit from persistent memory?
- D. Are they planning to purchase ProLiant Gen10 servers as part of the project?

Answer: A

NEW QUESTION 50

A customer requires the ability to act rapidly on ideas by creating, consuming, and reconfiguring new solutions, experiences, and business models. Which HPE server platform best meets their needs?

- A. HPE ProLiant Rack Servers
- B. HPE Synergy
- C. HPE SimpliVity 380
- D. HPE BladeSystem C7000

Answer: A

NEW QUESTION 52

You want to form a Synergy management ring. Which component is required?

- A. HPE Synergy Image Streamer
- B. HPE Synergy Frame Link Module
- C. HPE Synergy Composer
- D. HPE Synergy 10 Gb Interconnect Link Module

Answer: B

NEW QUESTION 54

A customer plans to use RESTful API to deploy their rack of DL380 Gen10 system. How does use of this protocol support the customer? (Select two.)

- A. support multiple scripting languages
- B. Secure remote scripting
- C. Ability to run scripts against multiple servers
- D. Boot via SFTP
- E. Boot via HTTP

Answer: AB

NEW QUESTION 58

What is required to enable Jitter Smoothing technology? (Choose two.)

- A. HPE Apollo
- B. ProLiant Gen 10
- C. HPE Synergy
- D. HPE Cloudline
- E. iLO5 Advanced

Answer: BE

NEW QUESTION 63

A customer plans to expand in the future to an HPE Synergy installation with SAS connectivity. What should you explain to the customer regarding SAS connectivity?

- A. External storage devices can be connected to the SAS Synergy switches only if they were installed prior Composer configuration
- B. SAS connectivity will require additional licenses
- C. It will be not possible to add SAS connectivity to the existing environment if the logical enclosure is configured
- D. SAS connectivity is supported only in the first fabric, so it should not be used for any other connections

Answer: A

NEW QUESTION 65

A customer that runs a database server needs high speed access to the database files. Which internal storage technology offers the best performance?

- A. SAS Nearline
- B. NVMe
- C. SAS HDD
- D. SATA HDD

Answer: B

NEW QUESTION 68

A solution architect wants to verify compatibility between a CNA and a 3PAR system. The Solution Architect is looking for reference material on SAN components, configuration support, and best practices. What should you use?

- A. HPE Storage Sizer
- B. Brocade Network Advisor (BNA)
- C. Single Point of Configuration Knowledge (SPOCK)
- D. HPE OneView Deployment and Management Guide

Answer: C

NEW QUESTION 71

A customer has thousands of ProLiant and Apollo servers in their datacenter. The customer needs a tool that will help them with firmware and driver updates. Which iLO Amplifier Pack feature should you emphasize during a conversation with this customer?

- A. support for 3Par and StoreVirtual
- B. support for iLO Federation
- C. firmware management for Integrity servers
- D. integration with System Center and vCenter Server

Answer: B

NEW QUESTION 75

A customer needs to boot from PXE with IPv6 across the Gen10 servers. Which option must be enabled to use this feature?

- A. UEFI Boot with IPv6 enabled
- B. Legacy One-Time boot menu
- C. UEFI Secure Boot
- D. HPE Intelligent Provisioning with IPv6 DHCP

Answer: A

NEW QUESTION 77

A customer needs to migrate their current c7000 network and Fibre Channel infrastructure to a converged network.

Which interconnect module should the customer use?

- A. HPE Flex10
- B. HPE 8Gb Fibre Channel pass-through
- C. HPE FlexFabric 20/40 F8
- D. HPE 16Gb/24-port Fibre Channel switch

Answer: C

NEW QUESTION 81

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