

HPE0-S54 Dumps

Designing HPE Server Solutions

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NEW QUESTION 1

A customer needs a server that:

- supports their in-memory database
- is oriented towards business critical workloads

Which questions should you ask before you make a recommendation? (Choose two.)

- A. How much memory will the application require?
- B. How will the operating systems and application be deployed?
- C. How important is it for the server to support ASHRAE A3/A4 standards?
- D. How many cores are required to optimize the application
- E. How will the datacenter provide backup power in the event of failure

Answer: AD

NEW QUESTION 2

A customer has adopted the RESTful API standard for managing an HPE server's infrastructure. They need to have a single location to monitor all Synergy and BladeSystem resources.

Which HPE solution accomplishes this task?

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

Answer: C

NEW QUESTION 3

A customer is designing an infrastructure and plans to host multiple tenants in the environment. The customer needs several thousand network segments to be used on a single physical network.

Which solution should the customer use?

- A. Remote Direct Memory Access
- B. Virtual Connect FlexFabric
- C. Overlay networks
- D. Data Center Bridging

Answer: C

NEW QUESTION 4

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 5

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 6

A customer wants to use iLO Federation to manage firmware deployments with HPE SUM. Which options are included? (Select two.)

- A. Automatically discover iLO Federation groups on the same management network
- B. Apply updates to all members of iLO Federation group with an iLO standard license
- C. iLO federation is leveraging ICsp functionality to update firmware
- D. Update all applicable firmware on HPE ProLiant servers through the iLO using offline deployment
- E. Update the iLO firmware and system ROM offline through the iLO Federation group

Answer: BD

NEW QUESTION 7

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 8

A customer is planning an expansion and they are considering iLO Amplifier as their future firmware management tool. They need to plan their budget and learn which additional licenses will be required.

What is the minimum license that will meet this customer's upgrade path needs?

- A. iLO Advanced Premium Security Edition
- B. iLO Advanced license
- C. Insight Control server provisioning license
- D. Insight Cluster Management Utility license

Answer: B

NEW QUESTION 9

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 10

A customer needs to install Red Hat 7.2 on a few DL380 Gen10 systems. Which tool should be used for this deployment?

- A. Image Streamer
- B. Intelligent Provisioning
- C. OneView
- D. Insight Control server provisioning (ICsp)

Answer: B

NEW QUESTION 10

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 13

Your customer needs to provide an automated, energy-aware environment that will automatically track power usage and document configurations.

Which HPE technology will meet your customer's needs?

- A. Smart Storage Battery
- B. Thermal Discovery Services
- C. Intelligent Power Discovery
- D. Intelligent System Tuning

Answer: C

NEW QUESTION 15

What must a customer consider when adding a connection to a Server Profile Template? (Select two.)

- A. Server Profiles will automatically be refreshed
- B. The associated Servers will need to be rebooted
- C. Additional Server Profiles will need to be created
- D. The associated Server Profiles will be flagged as inconsistent
- E. Server Profiles will need to be updated from the template

Answer: BE

NEW QUESTION 18

A customer wants to implement HPE Synergy with 20Gb connectivity.

What should an architect emphasize during a meeting with this customer?

- A. A maximum of 3 frames can be stacked together when 20 Gb connectivity is required.
- B. SAS connectivity will be supported only on third fabric.
- C. A Composer must be installed in each frame.
- D. 20Gb connectivity will require additional licenses applied to the downlink ports.

Answer: A

NEW QUESTION 23

A customer wants to use the automated zoning feature of HPE OneView. A customer complains that this functionality does not work, even if 3PAR and CPGs are added to HPE OneView.

Which other steps must be performed before automated zoning can be used? (Choose two.)

- A. Enable Data Center Bridging functionality on VC modules
- B. Apply extended FC licenses to Virtual Connect downlink ports using HPE OneView
- C. Activate WBEM Providers on supported 3Par arrays
- D. Add the supported SAN Manager to HPE OneView
- E. Associate managed SANs with a FC or FCoE network

Answer: DE

NEW QUESTION 26

A customer has 10 HPE BladeSystem enclosures managed by HPE OneView. They want to add three HPE Synergy frames.

What is a proper procedure to manage a new HPE Synergy installation?

- A. Use HPE Composer for HPE Synergy frames management
- B. Deploy HPE Global Dashboard for HPE Synergy management
- C. Add all frames to the existing HPE OneView appliance
- D. Deploy a dedicated HPE OneView appliance for HPE Synergy frames

Answer: B

NEW QUESTION 29

A customer needs a new high frequency trading cluster. Their current cluster has non-deterministic performance and undesirable latency. Because high frequency trades are extremely time-sensitive transactions, the customer cannot tolerate the microseconds of delay that can randomly occur on their current cluster.

Which iLO 5 Gen 10 feature can you propose to address this technical requirement?

- A. Turbo Cores
- B. Jitter Smoothing
- C. Persistent Memory
- D. NVMe Drives

Answer: C

NEW QUESTION 32

A customer is running an Online Transaction Processing (OLTP) application that requires high-speed access to the application files with a minimal latency.

Which internal storage technology offers highest performance?

- A. NVMe SSD
- B. M.2 SATA
- C. SATA SSD
- D. SAS SSD

Answer: A

NEW QUESTION 37

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 40

You need to consolidate multiple BOMs, power requirements, and changing criteria of a Converged System due to the review of multiple reference architectures on Microsoft Exchange Server 2016. Which tool should you use?

- A. HPE Sizer for Microsoft Exchange Server 2016
- B. HPE Converged Infrastructure Solution Sizer Suite
- C. HPE Sizer for Server Virtualization
- D. Single Point of Connectivity Knowledge (SPOCK)

Answer: A

NEW QUESTION 43

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 47

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