

HPE0-S54^{Q&As}

Designing HPE Server Solutions

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QUESTION 1

DRAG DROP

Match each Synergy component with the description of the functionality it provides.

Select and Place:

Component	Functionality
Composer	<input type="text"/> management appliance responsible for assembling and re-assembling compute, storage, and fabric resources.
Frame Link Module	<input type="text"/> management appliance responsible for operating system provisioning that enables true stateless computing.
Image Streamer	<input type="text"/> module that provides a composable fabric.
Virtual Connect SE 40 Gb F8	<input type="text"/> provides services such as power, cooling, auto-discovery and inventory of all installed components.

Correct Answer:

Component	Functionality
<input type="text"/>	<input type="text"/> management appliance responsible for assembling and re-assembling compute, storage, and fabric resources.
<input type="text"/>	<input type="text"/> management appliance responsible for operating system provisioning that enables true stateless computing.
<input type="text"/>	<input type="text"/> module that provides a composable fabric.
<input type="text"/>	<input type="text"/> provides services such as power, cooling, auto-discovery and inventory of all installed components.

QUESTION 2

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

Correct Answer: C

QUESTION 3

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

Correct Answer: C

QUESTION 4

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

Correct Answer: A

QUESTION 5

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

Correct Answer: BD

Reference: <https://support.hpe.com/hpsc/doc/public/display?docId=c04774377>

QUESTION 6

Your customer is building out their own object-based storage solution. They initially developed the object store using DL380 Gen9 servers but are now looking for a solution that is purpose built to provide the additional storage.

Which solution should you recommend?

- A. DL580 Gen10
- B. Apollo 4510 Gen10
- C. ML350 Gen10
- D. DL560 Gen10

Correct Answer: B

QUESTION 7

DRAG DROP

Match each HPE technology solution to the customer's business need that it can fulfill.

Select and Place:

Technology

HPE ConvergedSystems 500

HPE D2220sb Storage Blade

HPE SB3000c Tape Blade

HPE SimpliVity

Business Need

Dedicated storage with a one-to-one server-to-storage ratio

High Availability & Disaster Recovery

Mission Critical workloads

One button Disaster Recovery



Correct Answer:

Technology

Business Need

<input type="checkbox"/>	HPE D2220sb Storage Blade
<input type="checkbox"/>	HPE SimpliVity
<input type="checkbox"/>	HPE ConvergedSystems 500
<input type="checkbox"/>	HPE SB3000c Tape Blade

QUESTION 8

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

Correct Answer: AD

QUESTION 9

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

Correct Answer: AB

QUESTION 10

A customer needs a new compute environment based on HPE Synergy with VMware vSphere 6.5. This needs to interact with the customer's existing network consisting of 300 independent global sites. Each site has 15 unique VLANs. What network technologies would you recommend to meet the customer requirements?

- A. NVGRE increasing the amount of separated Layer 2 segments
- B. VxLAN as it allows flexibility and suitable for multitenant environment
- C. RDMA as it increases host efficiency and virtualization performance
- D. VLANs as it supports up to 4094 VLAN ids

Correct Answer: B

QUESTION 11

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

Correct Answer: B

Reference: <https://support.hpe.com/hpsc/doc/public/display?docId=c03178991>

QUESTION 12

A customer needs a solution to run a read-intensive workload. You propose the following configuration: HPE ProLiant DL380 Gen10 server HPE Smart Array P408-p SR 6 SFF SAS HDD drives 1 SSD drive RedHat Enterprise Linux 7.0 operating system

The customer needs to lower latency while minimizing investment in new SSD drives.

Which HPE Storage technology most effectively lowers latency of the HDD storage?

- A. HPE 12Gb SAS Expander
- B. HPE Secure Encryption
- C. HPE SmartCache

D. HPE SSD Smart Path

Correct Answer: C

QUESTION 13

A customer is considering deploying a significant number of HPE BladeSystem Gen10 servers with an HPE 3Par storage solution for a new cloud solution. You propose HPE OneView as the management platform.

Which HPE OneView feature should you emphasize during conversations with the customer?

- A. patch deployment for operating system and storage components
- B. operating system deployment through Image Streamer
- C. servers and storage firmware upgrades
- D. volume presentation from the 3Par and automated zoning

Correct Answer: D

QUESTION 14

Your customer has 500 SY480 Gen10 compute nodes running a variety of physical and virtual workloads. They are looking for a way to get a unified view of the entire environment.

Which product should you recommend?

- A. HPE OneView for VMware vCenter
- B. HPE OneView Global Dashboard
- C. HPE OneView for Microsoft System Center
- D. HPE OneView for Red Hat Enterprise Virtualization

Correct Answer: B

QUESTION 15

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

Correct Answer: C

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