

# DUMPS ARENA

## Designing HPE Server Solutions

HP HPE0-S54

Version Demo

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**QUESTION NO: 1**

A retail customer's real-time analytics application requires the fastest possible data access and over 768GB of database capacity. Their current HPE ProLiant DL380 Gen9 servers are not meeting the performance requirements.

What should you recommend? (Choose two.)

- A. iLO5 Advanced licenses
- B. HPE Scalable Persistent Memory
- C. HPE ProLiant DL380 Gen10 servers
- D. PCIe Workload Accelerator

**ANSWER: C D****QUESTION NO: 2**

What must a customer consider when adding an uplink set to a Logical Interconnect Group? (Choose two.)

- A. Additional Logical Interconnects will need to be created
- B. The associated Logical Interconnects will be flagged as inconsistent
- C. Logical Interconnects will need to be updated from the group
- D. Logical Interconnects will automatically be restarted
- E. Logical Interconnects will need to be restarted

**ANSWER: C E****QUESTION NO: 3**

A customer plans to replace their c7000 equipment with Synergy.

What is the most important thing to consider about installing Synergy in the existing rack environment?

- A. A Synergy frame is physically deeper than a c7000
- B. A Synergy frame is taller than the 10 U required for a c7000
- C. A Synergy frame requires more power feeds than a c7000

D. A Synergy composer requires 2 additional rack units

**ANSWER: A**

#### QUESTION NO: 4

A customer has installed a D3940 storage module in an existing Synergy frame. However, none of the compute modules can access the shared storage.

What is the problem?

- A. The storage module has not been initialized in the composer
- B. There are no SAS modules installed in bays 1 and 4
- C. There are no fibre channel modules installed in bays 1 and 4
- D. The I/O modules have not been initialized in the composer

**ANSWER: B**

#### QUESTION NO: 5

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**

#### QUESTION NO: 6

A customer operates a High Performance Cluster (HPC) environment and wants to innovate and maximize GPU processing. Which solution should the customer use for scaling-out?

- A. Apollo
- B. ProLiant DL servers

- C. Synergy
- D. ProLiant c-Class

**ANSWER: A**

**Explanation:**

Reference: <https://www.hpe.com/us/en/solutions/hpc-high-performance-computing.html>

### QUESTION NO: 7

A customer is installing multiple racks of DL380 Gen10 servers in a datacenter. They need to configure each one with identical BIOS settings.

Which tools are available to solve the situation? (Choose two.)

- A. HPE Active Health System
- B. HPE Smart Update Manager
- C. BIOS RESTful API
- D. HPE ICsp
- E. HPE Intelligent Provisioning

**ANSWER: C E**

**Explanation:**

Reference: <https://h20195.www2.hpe.com/V2/getpdf.aspx/4AA5-4487ENW.pdf>

### QUESTION NO: 8 - (DRAG DROP)

DRAG DROP

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

**Select and Place:**

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

ANSWER:

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

Explanation:

**QUESTION NO: 9**

Which options does a customer have for managing a datacenter with HPE Server Update Tools? (Choose two.)

- A. Service Pack for ProLiant (SPP) automatic downloads from HPE.com
- B. Full functionality with HPE Systems Insight Manager
- C. HPE Insight Control server provisioning
- D. HPE OneView Advanced for full infrastructure management
- E. iLO Amplifier Pack for leveraging iLO Federation

ANSWER: D E

**QUESTION NO: 10**

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**