



# HPE0-S46<sup>Q&As</sup>

Architecting HPE Server Solutions

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**QUESTION 1**

Which server technology will enable increased throughput, lower latency, and lower CPU utilization across the servers?

- A. InfiniBand
- B. virtual extensible LAN (VXLAN)
- C. TCP/IP Offload Engine
- D. RDMA

Correct Answer: C

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**QUESTION 2**

A customer requests a Proof of Concept for virtualization. To ensure a seamless deployment of virtualization, the customer needs to evaluate the various hypervisors and the associated management suites that integrate with the existing HPE server, storage and networking infrastructure.

Which virtualization solutions should the architect recommend to the customer for the Proof of Concept (Select two.)

- A. Kitematic by Docker
- B. Citrix XenApp
- C. Microsoft System Center
- D. Integrity VM
- E. VMware vCenter

Correct Answer: BE

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**QUESTION 3**

An architect has designed an HPE BladeSystem with Flex-10D Virtual Connect that connects to HPE 5830 switches. The architect needs to ensure that the solution simplifies the customer's campus Ethernet.

Which additional HPE technology should the architect recommend to the customer?

- A. Intelligent Resilient Framework (IRF)
- B. Shortest Path Bridge Mac in Mac (SPBM)
- C. Fiber Channel over Ethernet (FCoE)
- D. RDMA over Converged Ethernet (RoCE)

Correct Answer: C

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**QUESTION 4**

What is the purpose of conducting a customer site survey?

- A. Identify the type of servers that will be included in the solution.
- B. Access the facility and its suitability for the proposed solution.
- C. Identify the customer's business goals for the solution.
- D. Determine the different workloads the customer is running.

Correct Answer: B

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**QUESTION 5**

A customer plans to implement an in-memory analytics application on HPE ProLiant servers. Which processor family should the architect recommend to the customer?

- A. Intel Xeon MP family
- B. Intel Xeon E7 family
- C. Intel Xeon E3 family
- D. Intel Xeon E5 family

Correct Answer: B

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**QUESTION 6**

A customer needs to deploy SAP HANA. The customer needs a scale-out solution to accommodate an increase in workload over the next two years.

Which ProLiant series should the architect recommend to the customer?

- A. HPE ProLiant 300
- B. HPE ProLiant 100
- C. HPE ProLiant BladeSystem
- D. HPE ProLiant 500

Correct Answer: D

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**QUESTION 7**

A customer has exceeded the current capability of its Hadoop application running on DL380e Gen8 servers.



Which HPE Gen9 replacement server model will run a new Hadoop application and provide dense storage capabilities?

- A. HPE symmetric hadoop
- B. HPE WDO
- C. HPE Alternate Compute
- D. HPE Apollo 4200 storage

Correct Answer: D

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#### QUESTION 8

A customer has a ProLiant DL based server solution. The customer is experiencing high write latency with its virtual desktop infrastructure running on this solution.

Which solution will increase the application performance and reduce the use of resources?

- A. Upgrade the current processor to the E5-4800 v5 processor
- B. Add a PCIe Worload Accelerator
- C. Migrate to PCIe Solid State Drives
- D. Upgrade memory to 2133 MHz DDR4

Correct Answer: B

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#### QUESTION 9

A customer that runs a database server needs high speed access to the database files with a maximum latency of 5 ms.

Which internal disk technology offers the necessary performance?

- A. SATA HDD
- B. SAS HDD
- C. SAS Nearline
- D. PCIe Storage

Correct Answer: B

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#### QUESTION 10

Which solution enables a customer to manage all operating system drivers and system firmware across the data center from one central location?



- A. HPE OneView with Federation Group license
- B. REST API with Embedded UEFO Shell scripts
- C. HPE Synergy Composer and HPE Synergy Image Streamer
- D. HPE Smart Update solution

Correct Answer: D

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