

HPE0-S46^{Q&As}

Architecting HPE Server Solutions

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QUESTION 1

A customer plans to use Apollo 6000 chassis for scalability and efficiency. The customer will deploy an application cluster that requires two I/O accelerator cards per server for optimum performance.

Which server should the architect recommend to the customer?

- A. XL250aGen9 server tray
- B. XL230a Gen9 server tray
- C. XL220a Gen8 v2 server tray
- D. DL380 Gen9

Correct Answer: A

QUESTION 2

A customer needs to maximize density capability while reducing cooling requirements in its data center. Which HPE solution will meet the customer's needs and extend the life of its data center?

- A. HPE Modular Cooling System
- B. HPE Active Cool Fans
- C. HPE Intelligent Power Discovery
- D. HPE Datacenter Smart Grid

Correct Answer: A

QUESTION 3

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

QUESTION 4

A customer is building an isolated management network for Gen8/Gen9 servers. The customer plans to use the iLO

federation feature for all of them.

What should the architect verify when proposing network infrastructure for this purpose?

- A. that the SNMP is enabled on all of the servers within the same iLO Federation group
- B. that the managed servers are equipped with network adapters supporting VXLAN
- C. that the switches that management ports will be connected to will support multicast
- D. that the customer has licenses for intelligent Resilient Framework functionality

Correct Answer: B

QUESTION 5

A customer has acquired another company with a large install base of HPE BladeSystem servers with Virtual Connect managed by HPE OneView. The customer needs the ability to easily record its new assets in its configuration management database (CMDB).

Which approach should the architect recommend to the customer?

- A. Use VCEM to create a customized report to find all blade servers, and use the results for import into the CMDB.
- B. Back up the HPE OneView appliance database, and use the bulk copy capability of the CMDB to insert the records.
- C. Use the REST API to retrieve a list of server resources and their properties from the HPE OneView appliance for import into the CMDB.
- D. Use iLO Federation groups, and select the multi-system view to gather the hardware types and serial numbers of each server in the group for import into the CMDB.

Correct Answer: C

QUESTION 6

HPE Power Advisor is being used to assist in architecting an HPE BladeSystem solution that contains HPE Flexfabric interconnect modules.

Which information about the solution can the HPE Power Advisor provide? (Select two.)

- A. UPS sizing based on defined run times
- B. plan power usage at a system, rack and multi-rack level
- C. mismatch between interconnect modules and network adapter
- D. estimated power consumption on HPE storage products
- E. SFP+ module power requirements

Correct Answer: BD

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

QUESTION 8

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

QUESTION 9

A customer needs an HPE BladeSystem and iSCSi StoreVirtual storage that can boot from iSCSi volumes. Which components must be included to meet customer requirements?

- A. HPE Virtual ConnectFlexFabric and Flex-10 LOM cards
- B. HPE Virtual ConnectFlex 10/10D and FlexFabric LOM cards
- C. HPE BLc 4x QDR InfiniBand Switch and FlexFabric LOM cards
- D. Brocade FibreChannel switch and additional HBA mezzanine cards

Correct Answer: B

QUESTION 10

A customer needs an OpenStack-based cloud datacenter with several virtual machines that will be placed in multiple VLANs. The customer needs to use Virtual Extensible LAN (VXLAN)

Or Generic Routing Encapsulation (GRE) technology to support multi-tenant traffic. The architect recommends the following HPE server equipment:

Which rationale supports the architect's recommended configuration?

- A. It allows RDMA over Converged Ethernet (RoCE)
- B. It improves performance of OpenStack instance provisioning
- C. It improves performance of overlay networks with a tunnel offload engine
- D. It allows configuration of interconnect module stacking

Correct Answer: D

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