

HPE0-S46^{Q&As}

Architecting HPE Server Solutions

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QUESTION 1

An architect has designed a server solution for a customer that includes ProLiant BL460c Gen9 server blades with Smart Array P244br controller. The customer needs to be able to configure, manage, and troubleshoot the locally attached storage in this solution. Which HPE tool should the architect recommend to the customer?

- A. HPE Smart Storage Administrator
- B. HPE Array Configuration Utility
- C. HPE Insight Remote Support
- D. HPE iLO

Correct Answer: A

QUESTION 2

A customer needs to improve the performance of a CPU intensive application running on an HPE ProLiant DL 360 Gen9 server with an Intel Xeon E5 processors. The architect proposes to add an Intel Phi coprocessor extensions to the server.

What should an architect verify to ensure the coprocessor will improve application performance?

- A. that the application is able to work in a clustered environment
- B. that the application is highly parallel, and can scale to more than one hundred threads
- C. that the server is connected with a 40Gb/s network interface card
- D. that the server has a minimum of 24 GB ECC-capable RAM installed

Correct Answer: D

QUESTION 3

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 4

A customer reports a recent SSD drive failure in an HPE D2220sb Storage Blade that hosts its Virtual Desktop infrastructure environment. The customer is concerned about the remaining expected lifetime of the SSD drivers in its array.

Which tool includes the SmartSSD Wear Gauge report that identifies drives at risk of failure?

- A. HPE OneView (Volumes screen)
- B. HPE SmartCache
- C. HPE Smart Storage Administrator
- D. HPE ROM Configuration for Arrays

Correct Answer: C

QUESTION 5

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

QUESTION 6

A customer plans to use Flat SAN technology to connect a new storage system.

Why would the customer choose the Virtual Connect Flat SAN technology connected to a 3PAR StorServ storage system versus a competitive solution?

- A. It helps create multi-tiered SANs, and increases throughput and resiliency.
- B. It eliminates the SAN fabric by off-loading the workload to a switch.
- C. It reduces the number of component, lowers latency, and speeds deployment.
- D. It uses the RESTful API connections to simplify managing the entire solution.

Correct Answer: C

QUESTION 7

A customer is using an HPE BladeSystem c7000 enclosure with Virtual Connect 20/40 F8 modules. The customer plans to improve network redundancy between the VC modules by creating LACP aggregated links from each single VC module to two different physical ToR switches.

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

- A. intelligent Resilient Framework (IRF)
- B. Spanning Tree Protocol (STP)
- C. Multiple Spanning Tree Protocol (MSTP)
- D. Open Shortest Path First (OSPF)

Correct Answer: A

QUESTION 8

Which technology was invented by HPE to create an automated, energy-aware network between IT systems and facilities?

- A. HPE Smart Memory
- B. HPE Adaptive RAID on a Chip
- C. HPE Intelligent PowerDiscovery
- D. HPE Smart Storage Battery

Correct Answer: C

QUESTION 9

Which functionality provides centralized health monitoring for HPE ProLiant servers?

- A. iLO Federation
- B. intelligent Provisioning
- C. HPE Insight Control server provisioning
- D. HPE System Management Homepage

Correct Answer: A

QUESTION 10

HPE Proliant Gen9 Value	Customer Benefits
accelerate application performance	: 1 million IOPS with 12 Gb/s t Array fast controllers
increased capacity and lower TCO	ices in storage, networking, and plies
move faster with management automation	isioning with software-defined /iew

Sort the three sequential steps that are taken for network traffic processing with QoS rules in the correct order by dragging the actions from the left to the action sequence on the right. (Note: Not all actions will apply.) (Select three.)

Select and Place:

● ● ● ● ●

<p>Actions</p> <div style="border: 1px solid #0070c0; padding: 2px; margin-bottom: 5px;">Learn</div> <div style="border: 1px solid #0070c0; padding: 2px; margin-bottom: 5px;">Categorize</div> <div style="border: 1px solid #0070c0; padding: 2px; margin-bottom: 5px;">Schedule</div> <div style="border: 1px solid #0070c0; padding: 2px; margin-bottom: 5px;">Classify</div> <div style="border: 1px solid #0070c0; padding: 2px; margin-bottom: 5px;">Store</div>	<p>Action sequence</p> <div style="text-align: center; margin-top: 20px;">> <</div>
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Correct Answer:



Actions

Learn
Categorize

Action sequence

Schedule
Classify
Store



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