**Vendor:** HP

**Exam Code:** HPE0-S54

**Exam Name:** Designing HPE Server Solutions

**Version:** DEMO

**QUESTION 1**
A customer wants to implement a large Microsoft Storage Spaces Direct environment.

Which protocol should the customer use?

A. VXLAN
B. RDMA
C. OSPF
D. NVGRE

**Answer:** D


**QUESTION 2**
An environmentally sensitive customer has a data center that operates with fresh air cooling.

Which feature of HPE ProLiant Gen10 servers makes them suitable to operate in this environment?

A. HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Support
B. Intel® Xeon-Platinum 8180M Support
C. ASHRAE A4 compliance
D. ACPI 6.1 Compliance

**Answer:** C


**QUESTION 3**
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

**Answer:** B


**QUESTION 4**
Which iLO 5 feature allows a customer to directly, physically connect to a ProLiant server to troubleshoot issues?

A. iLO Federation
B. iLO Amplifier Pack
C. iLO mobile app
D. iLO Service Port

**Answer:** D

**QUESTION 5**
A customer needs a new high frequency trading cluster. Their current cluster has non-deterministic performance and undesirable latency. Because high frequency trades are extremely time-sensitive transactions, the customer cannot tolerate the microseconds of delay that can randomly occur on their current cluster.

Which iLO 5 Gen 10 feature can you propose to address this technical requirement?

A.  Turbo Cores
B.  Jitter Smoothing
C.  Persistent Memory
D.  NVMe Drives

**Answer:** C


**QUESTION 6**
During a presentation on Synergy fabric technology, a customer states that they would not purchase Virtual Connect modules because they would be paying for Fibre Channel technology that they have no intention of using.

How should you handle this objection?

A.  Explain to the customer that the only Fibre Channel support is through FCoE and does not add to the module cost.
B.  Explain to the customer that HPE does not pass on the cost of including Fibre Channel support to the customer.
C.  Inform the customer that native Fibre Channel support is an optional, licensed feature.
D.  Inform the customer that native Fibre Channel support is provided through an optional daughterboard.

**Answer:** D


**QUESTION 7**
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:** CD


**QUESTION 8**
A customer is expanding their blade based infrastructure managed by HPE OneView with an HPE Synergy platform. The customer is familiar with HPE OneView and wants to know if the same management procedures can be used to manage HPE Synergy platform.

How should you respond to this question?

A. HPE Synergy can be managed using the same HPE OneView instance that is used to manage HPE BladeSystem platform.
B. HPE Synergy can be managed using HPE OneView as long as a separate, dedicated HPE OneView appliance is deployed for HPE Synergy management.
C. HPE Synergy can be managed by HPE Composer, which is running an embedded version of the HPE OneView
D. HPE Synergy must be managed with HPE Systems Insight Manager

**Answer:** B


**QUESTION 9**
Your customer boots to the HPE Smart Scripting toolkit via PXE to automatically configure their new systems. They are moving to a new data center which has a policy that PXE boot will not be allowed in the environment.

What is the closest alternative to use when deploying Gen10 in their new data center?

A. iLO Federation running the Smart Scripting Toolkit scripts
B. iLO RESTfull API running the Smart Scripting Toolkit scripts
C. Insight Control server provisioning running the Smart Scripting Toolkit scripts in a build plan
D. HTTP/HTTPS Boot to the Smart Scripting Toolkit

**Answer:** D


**QUESTION 10**
A customer is considering installing a Synergy frame in an existing rack where their c7000 chassis is currently installed.

Which question should you ask to ensure the new frame will be supported in the rack?

A. Are there any third party servers installed?
B. How deep is the existing rack?
C. Is there a UPS installed in the rack?
D. How wide is the existing rack?

**Answer:** B


**QUESTION 11**
Where can you find customer-ready HPE content to describe the benefits of a solution you are recommending?

A. HPE Proposal Web
B. HPE OneConfig Advanced
C. HPE Synergy Planning Tool
D. HPE Single Point of Connectivity Knowledge

**Answer:** A

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