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Designing HPE Server Solutions

HP HPE0-S54

Version Demo

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QUESTION NO: 1

A customer has a traditional physical server environment and would like to run an on-site proof of concept (PoC) to evaluate OneView's ability to manage their ProLiant DL380's and their c7000 blades. What does the customer need to implement this PoC?

- A. Synergy composer
- B. iLO Amplifier Pack
- C. a supported hypervisor
- D. Synergy Image Streamer

ANSWER: B**QUESTION NO: 2**

A customer plans to use RESTful API to deploy their rack of DL380 Gen10 systems. How does use of this protocol support the customer? (Select two.)

- A. support multiple scripting languages
- B. Secure remote scripting
- C. Ability to run scripts against multiple servers
- D. Boot via SFTP
- E. Boot via HTTP

ANSWER: A B**Explanation:**

Incorrect answer:

C: RESTFUL APIs cannot run scripts against multiple servers.

QUESTION NO: 3 - (DRAG DROP)

DRAG DROP

Match the HPE management tool to the customer situation. (Each customer situation may be used more than once or not at all.)

Select and Place:

	Customer Situation	Management Tool
Built in tools managing single systems		Remote Support
Cloud-based tools to manage multiple systems		HPE OneView
Customer site tools to manage multiple systems		Insight Online
		iLO Amplifier Pack

ANSWER:

	Customer Situation	Management Tool
Built in tools managing single systems	Cloud-based tools to manage multiple systems	Remote Support
Cloud-based tools to manage multiple systems	Customer site tools to manage multiple systems	HPE OneView
Customer site tools to manage multiple systems	Cloud-based tools to manage multiple systems	Insight Online
	Customer site tools to manage multiple systems	iLO Amplifier Pack

Explanation:

QUESTION NO: 4

A customer completed a successful Synergy PoC consisting of a single frame with dual composers and dual Virtual Connect SE 40Gb F8 modules. The customer needs additional frames to allow for growth. They require 20GB to each compute module.

How many additional frames can be added to the existing logical enclosure?

- A. 1
- B. 2
- C. 3
- D. 5

ANSWER: C

Explanation:

Reference: <https://h20195.www2.hpe.com/v2/GetPDF.aspx/c04815258.pdf> (3)

QUESTION NO: 5

A customer wants to use iLO Federation to manage firmware deployments with HPE SUM. Which options are included? (Select two.)

- A. Automatically discover iLO Federation groups on the same management network
- B. Apply updates to all members of iLO Federation group with an iLO standard license
- C. iLO federation is leveraging ICsp functionality to update firmware
- D. Update all applicable firmware on HPE ProLiant servers through the iLO using offline deployment
- E. Update the iLO firmware and system ROM offline through the iLO Federation group

ANSWER: B D**Explanation:**

Reference: <https://support.hpe.com/hpsc/doc/public/display?docId=c04774377>

QUESTION NO: 6

A customer needs to update the system bios on their DL380 Gen10. They are unable to download the latest Service Pack for ProLiant.

What is the most likely cause of the problem?

- A. Embedded remote support is not enabled on that server
- B. There is no valid SAID contract associated with their HPE passport
- C. The maximum number of servers supported by the agreement has been exceeded
- D. An iLO5 Advanced Premium Security Edition license has not been installed

ANSWER: B**QUESTION NO: 7**

A customer exceeded the number of available VLANs on their network. To resolve this issue, they enabled VXLAN. They inquire about upgrading their servers with the FlexFabric 650 series NIC after this change.

What is the benefit of tunnel offload?

- A. supports data deduplication when VXLAN is enabled
- B. decreases memory load caused by VXLAN
- C. supports data in-flight encryption when VXLAN is enabled

D. decreases CPU load caused by VXLAN

ANSWER: D

QUESTION NO: 8

A customer is using a DL380 Gen10. They attempt to boot an installation media ISO with iLO Virtual Media, and the system fails to access the ISO. What are the most likely causes of this issue? (Select two.)

- A. HPSSA drives are configured for RAID 1 and not RAID 5
- B. Legacy Boot is not enabled and the media is not UEFI compatible
- C. Secure Boot has derived access to the ISO
- D. The ISO operating system is not supported by HPE
- E. UEFI is not configured for iSCSI initiator support

ANSWER: C D

QUESTION NO: 9

A customer has an existing mission-critical application running on a highly available, non-virtualized UNIX platform. What should you recommend for support of their business-critical application for x86?

- A. Processor L3 cache
- B. Intel Xeon E5 processors
- C. Processor hyperthreading
- D. Intel Xeon E7 processors

ANSWER: C

QUESTION NO: 10

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

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