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Vendor:HP

Exam Code:HPE0-S54

Exam Name:Designing HPE Server Solutions

Version:Demo

QUESTION 1

A customer requires the ability to act rapidly on ideas by creating, consuming, and reconfiguring new solutions, experiences, and business models. Which HPE server platform best meets their needs?

- A. HPE ProLiant Rack Servers
- B. HPE Synergy
- C. HPE SimpliVity 380
- D. HPE BladeSystem C7000

Correct Answer: A

QUESTION 2

A customer is planning an expansion and they are considering iLO Amplifier as their future firmware management tool. They need to plan their budget and learn which additional licenses will be required. What is the minimum license that will meet this customer's upgrade path needs?

- A. iLO Advanced Premium Security Edition
- B. iLO Advanced license
- C. Insight Control server provisioning license
- D. Insight Cluster Management Utility license

Correct Answer: B

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

Correct Answer: B

QUESTION 4

What is required to implement Core Boosting? (Choose two.)

- A. HPE Cloudline
- B. HPE Apollo
- C. ProLiant Gen 10
- D. iLO5 Advanced
- E. HPE Synergy

Correct Answer: CD

QUESTION 5

A customer wants a highly available storage solution inside HPE Synergy that is comparable via OneView and also accessible outside the enclosure to a DR site at another location.

Which product fits the customer's needs?

- A. HPE StoreVirtual VSA
- B. VMware vSAN
- C. SEPH SUSE
- D. HPE 3PAR StoreServ

Correct Answer: A

QUESTION 6

While installing a three frame Synergy solution, only two of the frames are identified during the discovery process.

What should you do to get resolution?

- A. Remove and re-insert the standby Composer
- B. Issue a refresh command to the enclosure
- C. Open the front panel of the Composer, and read the error message
- D. Validate Frame Link Module topology

Correct Answer: D

QUESTION 7

A customer is considering deploying a significant number of HPE BladeSystem Gen10 servers with an HPE 3Par storage solution for a new cloud solution. You propose HPE OneView as the management platform.

Which HPE OneView feature should you emphasize during conversations with the customer?

- A. patch deployment for operating system and storage components
- B. operating system deployment through Image Streamer
- C. servers and storage firmware upgrades
- D. volume presentation from the 3Par and automated zoning

Correct Answer: D

QUESTION 8

A customer needs a Synergy Proof of Concept (PoC) using Image Streamer.

What is the minimum number of Synergy frames needed for this PoC?

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

Correct Answer: C

QUESTION 9

A customer needs to boot from PXE with IPv6 across the Gen10 servers. Which option must be enabled to use this feature?

- A. UEFI Boot with IPv6 enabled
- B. Legacy One-Time boot menu
- C. UEFI Secure Boot
- D. HPE Intelligent Provisioning with IPv6 DHCP

Correct Answer: A

Reference: https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00028429en_usanddocLocale=en_US

QUESTION 10

A customer needs a solution to support Online Transaction Processing (OLTP) and database workloads. Which Gen10 technology would optimize the environment for the customer?

- A. REST API

- B. Silicon Root of Trust
- C. workload profiles
- D. OneView

Correct Answer: C

QUESTION 11

One of the DL380 Gen10 servers in your infrastructure has failed to boot after a 3rd party PCIe NIC was installed.

What is the most likely cause of this issue?

- A. HPE does not allow 3rd party PCIe cards.
- B. The latest Support pack for ProLiant must be used before accessing any additional 3rd party products in the server.
- C. The manufacturer did not digitally sign the correct firmware and HPE Secure Boot halted the process.
- D. The iLO interface did not have a correct IP address provided from DHCP.

Correct Answer: C

QUESTION 12

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

Correct Answer: B