



Vendor: HP

Exam Code: HPE0-S59

Exam Name: HPE Compute Solutions

Version: DEMO

QUESTION 1

What is a requirement for setting the CNSA security state on an HPE ProLiant server?

- A. The server uses iLO 7.
- B. The server has a certificate signed by a well-known CA installed on it.
- C. The server is managed by HPE Compute Ops Management.
- D. The server has an iLO Advanced license.

Answer: A

Explanation:

CNSA security state requires hardware and firmware support available in newer generations, including iLO 7, which provides the necessary cryptographic capabilities to meet CNSA requirements.

QUESTION 2

An HPE Synergy admin has created several Ethernet networks on an HPE Synergy appliance. These networks have VLAN tags.

A compute module (server) should have two Ethernet interfaces, both of which receive traffic tagged for those networks.

How should the admin set up the connections in the server profile?

- A. Within the server profile, create a different connection for each network, assigning each connection to a different FlexNIC. Make sure to distribute the connections across both ports 1 and 2.
- B. Within the server profile, create a different connection for each network, assigning each connection to a different FlexNIC. Make sure to use the same port for all the FlexNICs.
- C. Create a network set that includes the networks in question as tagged networks. Assign the network set to two connections in the server profile.
- D. Create an uplink set that includes the networks in question as tagged networks. Assign the uplink set to two connections in the server profile.

Answer: C

Explanation:

A network set allows multiple tagged VLAN networks to be carried over a single connection, enabling each interface to receive traffic for all specified VLANs through trunking.

QUESTION 3

An organization manages its HPE ProLiant Gen11 servers, using iLO 6, in HPE Compute Ops Management. What is one security risk that HPE Compute Ops Management can detect?

- A. The server's iLO allows SNMPv1 requests.
- B. The server's traffic patterns vary from normal.
- C. The server is exposed to attack due to the lack of antivirus software.
- D. The server has unencrypted data on its local drives.

Answer: A

Explanation:

HPE Compute Ops Management includes security monitoring of server configurations such as iLO settings and can detect insecure configurations like the use of SNMPv1, which lacks encryption and strong authentication.

QUESTION 4

Admins want to use HPE Compute Ops Management to apply a custom BIOS/Workload profile to several servers. What is a required part of the setup?

- A. They must ensure that the servers' BIOS settings are first set to factory defaults.
- B. They must use the HPE Compute Ops Management API to create the custom profile.
- C. They must use iLO to configure the servers to boot in optimized UEFI mode.
- D. They must ensure that the servers' OS does not attempt to control any of the settings that the custom profile controls.

Answer: D

Explanation:

When applying a custom BIOS or workload profile through HPE Compute Ops Management, the system firmware must remain in control of those settings. If the operating system or its agents attempt to manage the same parameters, it can override or conflict with the applied profile, preventing consistent enforcement.

QUESTION 5

What role does Prometheus play in HPE AI Essentials?

- A. It automates detecting drift in deployed models.
- B. It cleans up idle applications to make room for new applications.
- C. It gathers metrics and provides built-in alerting.
- D. It authenticates and secures communications between workloads.

Answer: C

Explanation:

Prometheus is used for monitoring by collecting metrics from components in the environment and supporting alerting based on those metrics, enabling visibility into system and application performance.

QUESTION 6

What is one requirement for onboarding HPE servers in HPE Compute Ops Management? Assume that the activation key method will be used.

- A. Servers have a supported operating system installed on them.
- B. Servers with iLO dedicated network ports use that port, not an iLO shared network port.
- C. Servers serial numbers and product IDs have been added to the HPE GreenLake inventory.
- D. Servers are discovered with HPE OneView.

Answer: C

Explanation:

When using the activation key method, servers must first be registered in the HPE GreenLake inventory using their serial numbers and product IDs so they can be claimed and onboarded into HPE Compute Ops Management.

QUESTION 7

A customer has HPE ProLiant servers managed with HPE Compute Ops Management and storage managed by HPE Data Ops Manager. The customer has Tech Care support for the HPE solutions.

The customer also uses OpsRamp and has discovered all the HPE infrastructure there. When troubleshooting, admins want a view of the connections between servers and a particular storage array.

What can the admins do?

- A. Use the HPE Insights Dashboard to show connections between servers and storage devices
- B. Create a topology map centered on the storage array in OpsRamp
- C. Use a monitoring template in OpsRamp to create a graph showing server connections
- D. Use the HPE Wellness Dashboard to display a connections graph for the storage array

Answer: B

Explanation:

OpsRamp provides topology mapping capabilities that visualize relationships and dependencies between infrastructure components, allowing admins to create a map centered on a storage array and view its connected servers.

QUESTION 8

What is one capability added by integrating HPE VM Essentials with VMware vSphere?

- A. Updating ESXi hosts' firmware from HPE VM Essentials Manager
- B. Provisioning VMs on ESXi hosts and VMs on HPE VM Essentials hosts from the same interface
- C. Performing live migrations for VMs deployed on HPE VM Essentials
- D. Deploying new HPE VM Essentials clusters from VMware vSphere

Answer: B

Explanation:

Integration with VMware vSphere allows HPE VM Essentials Manager to manage both ESXi-based VMs and HPE VM Essentials VMs from a single interface, providing unified provisioning and management across both environments.

QUESTION 9

An HPE partner is working with a customer, who says that they lack a large enough IT staff to stay ahead of help desk requests. What should you explain that OpsRamp provides?

- A. Unified provisioning of server and storage resources in a hybrid environment
- B. An overview of HPE solutions, support contracts, and registered support cases
- C. AI-powered help in reducing alert noise and identifying root causes
- D. Automated generation of cases in HPE support

Answer: C

Explanation:

OpsRamp uses AI-driven analytics to correlate events, reduce alert noise, and identify root causes, helping organizations with limited IT staff manage incidents more efficiently.

QUESTION 10

What is one benefit a customer receives with HPE Tech Care?

- A. Subscription to OpsRamp for continuous monitoring of their environment
- B. Comprehensive support services for multivendor environments

- C. Access to the Software Dashboard, which shows the latest software versions for all the covered products
- D. A dedicated team of experts who provide personalized support services based on the customer's environment

Answer: C

Explanation:

HPE Tech Care provides access to tools like the Software Dashboard, which helps customers track and download the latest firmware and software versions for their supported HPE products.

QUESTION 11

A company has onboarded several HPE Synergy appliances in HPE Compute Ops Management. What is one action that admins can perform from that cloud solution?

- A. Defining new logical interconnect group that are pushed down to multiple appliances
- B. Selecting which external storage volumes are attached to HPE Synergy compute modules
- C. Configuring the BIOS settings for compute modules in the HPE Synergy appliances
- D. Applying server profile templates copied from one appliance to other appliances

Answer: C

Explanation:

HPE Compute Ops Management provides centralized control over server-level settings, including BIOS configuration, allowing admins to apply and manage these settings for compute modules within Synergy appliances.

QUESTION 12

What is one component in an HPE Private Cloud AI solution that an admin needs to update separately from the HPE Private Cloud AI software catalog?

- A. The control plane nodes' SPP
- B. The AI Essentials software
- C. The Red Hat Enterprise Linux OS running on the workers
- D. The HPE GreenLake for File Storage software

Answer: A

Explanation:

The Service Pack for ProLiant (SPP) on control plane nodes is part of the underlying server firmware and must be updated separately from the HPE Private Cloud AI software catalog, which manages application and platform software components.

QUESTION 13

An HPE partner is helping a customer onboard HPE ProLiant servers, which use iLO 6, in HPE Compute Ops Management. The customer has asked what the minimum software version for iLO 6 is required. What could affect the answer?

- A. Which iLO license (Advanced or Standard) the servers have
- B. Which series the HPE ProLiant servers are (such as 100, 300, or 500)
- C. Whether the customer plans to use the simplified activation key onboarding process
- D. Whether the customer plans to use HPE Compute Ops Management only to monitor the servers or also to manage their iLO and BIOS settings

Answer: D

Explanation:

The minimum required iLO 6 version depends on whether the customer will use only monitoring or also full management capabilities, as advanced management features such as BIOS and firmware control require newer iLO firmware versions.

QUESTION 14

A customer has thirty HPE ProLiant DL Gen11 servers at a secure site, in which servers cannot connect to the Internet. Which server management option should you recommend?

- A. HPE VM Essentials Manager
- B. HPE OneView
- C. HPE Compute Ops Management
- D. HPE iLO

Answer: B

Explanation:

HPE OneView provides on-premises infrastructure management without requiring Internet connectivity, making it suitable for secure, air-gapped environments.

QUESTION 15

An admin has found that an update is available for an HPE Private Cloud AI solution's Private Cloud AI software. Before the admin can install the update, which step is required?

- A. Manually placing the AI optimized workers in maintenance mode
- B. Updating the HPE GreenLake for File Storage software to a supported version for the desired software catalog
- C. Downloading the desired software to each node in the HPE Private Cloud AI solution
- D. Running a precheck on the desired new software catalog

Answer: D

Explanation:

Before applying an update, a precheck must be run to validate compatibility, system readiness, and dependencies for the new software catalog, ensuring a safe and successful upgrade process.

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