



Free Questions for [HPE0-V27](#) by [certsinside](#)

Shared by [Turner](#) on [14-03-2024](#)

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Question 1

Question Type: DragDrop

Match the tool with its description.

Tool

0 Both

0 Customer

0 HPE GreenLake

0

0

0

0

0

Description

Scales up and down to meet workload requirements.

Can include infrastructure, colocation, power and cooling in a single bill.

Customer retains ownership of the assets.

HPE retains ownership of the assets.

Customer can add HPE GreenLake Management Service.

Question 2

Question Type: MultipleChoice

Which statement about the CloudPhysics report above is correct?

Options:

- A- The cluster does not have enough resources for HA to restart all VMs in the event of a host failure.
- B- Networks indicates the number of vSwitches present in the cluster.
- C- There is 27.22TB of storage capacity in the cluster.
- D- There are 3 ESXi hosts in the cluster.

Answer:

A

Question 3

Question Type: MultipleChoice

Your customer needs the BTU rating for the complete rack level solution you have proposed to ensure it fits their thermal requirements.

Which tools can provide you with this data? (Choose two.)

Options:

A- Power Advisor

B- SPOCK

C- HPE Assessment Foundry

D- GreenLake Central

E- CloudPhysics

F- OCA

Answer:

A, F

Question 4

Question Type: Hotspot

Another architect has started a solution for a customer in OC

Click where you can access delegated configurations.

New Configuration

▶ Normal

▶ HPE GreenLake (select solutions)

▶ Renew

▶ Add-on/Upgrades

▶ Support Only

▶ Import

Show Recent



Recent Configurations

Answer:

Question 5

Question Type: MultipleChoice

A Customer wants to expand their existing HPE SimpliVity cluster. You propose adding a similar size host with newer generation Intel CPUs.

What needs to be done to facilitate adding the new hosts to the cluster?

Options:

- A- enable Enhanced vMotion Compatibility
- B- disable Enhanced vMotion Compatibility
- C- disable Distributed Resource Scheduler
- D- enable Distributed Resource Scheduler

Answer:

A

Explanation:

HPE SimpliVity is a hyperconverged infrastructure solution that combines compute, storage, networking, and data services in a single appliance¹. HPE SimpliVity clusters are groups of HPE SimpliVity nodes that share the same federation and data center². HPE SimpliVity clusters can be expanded by adding new nodes to increase the capacity and performance of the cluster³.

However, adding new nodes with newer generation Intel CPUs to an existing HPE SimpliVity cluster may cause compatibility issues for vMotion, the VMware technology that enables live migration of virtual machines between hosts⁴. vMotion requires that the source and destination hosts have compatible CPUs, meaning that they support the same set of CPU features⁴. If the new nodes have different or additional CPU features than the existing nodes, vMotion may fail or be restricted⁴.

To facilitate adding the new hosts to the cluster, one possible solution is to enable Enhanced vMotion Compatibility (EVC) on the cluster⁵. EVC is a feature of VMware vSphere that ensures vMotion compatibility for the hosts in a cluster that are running different CPU generations⁵. EVC masks the CPU features that are not common among all hosts in the cluster, so that all hosts present the same CPU feature set to the virtual machines⁵. This way, vMotion can be performed without CPU compatibility errors⁵.

To enable EVC on the cluster, the following steps are required⁵:

Power off all virtual machines in the cluster, or migrate them to another cluster.

Edit the cluster settings and select the EVC mode that corresponds to the baseline CPU feature set for the cluster. The EVC mode must be equivalent to or a subset of the feature set of the host with the smallest feature set in the cluster.

Add the new hosts to the cluster and verify that they are compatible with the EVC mode.

Power on the virtual machines in the cluster, or migrate them back from another cluster.

By enabling EVC, the cluster can benefit from the improved vMotion compatibility and flexibility of adding new hosts with newer generation Intel CPUs. However, enabling EVC also has some limitations and trade-offs, such as⁵:

EVC does not allow vMotion between hosts with different CPU vendors, such as AMD and Intel.

EVC does not prevent vMotion from failing for other reasons, such as network or storage incompatibility.

EVC may prevent virtual machines from accessing some CPU features that are available on newer hosts, but not on older hosts.

EVC may not work with some applications that do not follow the CPU vendor recommended methods of feature detection.

Therefore, enabling EVC should be carefully planned and tested before adding the new hosts to the cluster.

[1:HPE SimpliVity](#)

[2:HPE SimpliVity User Guide](#)

[3:HPE SimpliVity Expansion Installation and Startup Service](#)

[4:VMware EVC and CPU Compatibility FAQ](#)

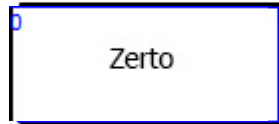
[5>About Enhanced vMotion Compatibility](#)

Question 6

Question Type: DragDrop

Match each solution to the appropriate customer.

Solution



Customer



Customers looking to unlock agility and collapse data management silos.



Customers looking to run apps and collapse infrastructure management silos.



Customers looking to run apps and build a resilient enterprise.

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