



2V0-21.23^{Q&As}

VMware vSphere 8.x Professional

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QUESTION 1

What is a pre-requisite for increasing datastore capacity? (Choose the best answer.)

- A. The backing device for the datastore has enough free space.
- B. The datastore is managed by Storage DRS (SDRS).
- C. The datastore is 100% full.
- D. There are NO powered-on virtual machines on the datastore.

Correct Answer: A

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.storage.doc/GUID-D57FEF5D-75F1-433D-B337-E760732282FC.html>

QUESTION 2

Refer to the exhibit.

The screenshot shows the VMware vSphere Client interface. At the top, there's a toolbar with icons for power, reset, clone, and other actions, along with an 'ACTIONS' dropdown. Below the toolbar is a tabbed interface with 'Summary', 'Monitor', 'Configure', 'Permissions', 'Datastores', 'Networks', 'Snapshots', and 'Updates'. The 'Configure' tab is active. On the left, a 'Settings' sidebar lists various configuration options, with 'VMware EVC' highlighted. The main content area displays 'VMware EVC is Enabled'. Below this, there are two expandable sections: 'CPU Mode' which is currently set to 'Intel® "Skylake" Generation', and 'CPU Feature Set' which is set to '77 Features'.

An administrator is tasked with adding new capacity to an existing software-defined data center (SDDC).

The SDDC currently hosts two vSphere clusters (ClusterA and ClusterB) with different CPU compatibilities. vSphere vMotion and vSphere Distributed Resource Scheduler (DRS) are currently in use in the SDDC. The new capacity will be implemented by provisioning four ESXi hosts running a new generation of Intel Skylake CPUs. All workload virtual machines (VMs) must support live migration to any cluster in the SDDC.

The administrator noticed the running critical "ever virtual machine (VM) shown in the exhibit is not migrating using vSphere vMotion to the original Clusters A or B.

Which three steps must the administrator take to support this functionality? (Choose three.)

- A. Power on the VM.



- B. Disable the Enhanced vMotion Compatibility (EVC) on the VM.
- C. Reboot the VM.
- D. D. Configure the Enhanced vMotion Compatibility (EVC) on vSphere Cluster A and B to support Intel Skylake.
- E. Power off the VM.
- F. Configure the Enhanced vMotion Compatibility (EVC) on the VM to Intel Skylake.

Correct Answer: ADE

QUESTION 3

An administrator receives reports from the application team of poor performance of a virtual machine (VM). The administrator reviews the virtual machine and discovers that it has 20 snapshots that are over 12 months old.

What could the administrator do to improve the VM's performance?

- A. Inflate the base disk to make space for future snapshots.
- B. Revert to the latest snapshot.
- C. Consolidate all of the snapshots into the base VM.
- D. Identify and delete the largest delta .vmdk file.

Correct Answer: C

<https://4sysops.com/archives/performance-impact-of-snapshots-in-vmware-vsphere-7/#:~:text=As%20you%20know%2C%20snapshots%20affect,time%20you%20took%20the%20snapshot.>

QUESTION 4

An administrator manually configures a reference ESXi host that meets company security standards for vSphere environments. The administrator now needs to apply all of the security standards to every identically configured host across multiple vSphere clusters within a single VMware vCenter instance.

Which four steps would the administrator complete to meet this requirement? (Choose four.)

- A. Extract the host profile from the reference host
- B. Export the host profile from vCenter.
- C. Import host customization on the reference host.
- D. Attach the host profile to each cluster that requires the secure configuration.
- E. Check the compliance of each host against the host profile.
- F. Reset host customization on the reference host.



G. Remediate all non-compliant hosts.

Correct Answer: ADEG

Explanation: To apply the security standards from a reference host to other hosts across multiple clusters, the administrator needs to extract a host profile from the reference host, which captures its configuration settings; attach the host profile to each cluster that requires the same configuration; check the compliance of each host against the host profile, which compares their settings; and remediate all non-compliant hosts, which applies the configuration settings from the host profile. References: <https://docs.vmware.com/en/VMwarevSphere/7.0/com.vmware.vsphere.security.doc/GUID-F8F105EC-A6EA-4F4A-AF5E-E999DF27B14F.html>

QUESTION 5

Which feature would allow for the non-disruptive migration of a virtual machine between two clusters in a single VMware vCenter instance?

- A. vSphere vMotion
- B. Cross vCenter Migration
- C. vSphere Storage vMotion
- D. vSphere Fault Tolerance

Correct Answer: A

Explanation: vSphere vMotion allows for the non-disruptive migration of a virtual machine between two clusters in a single vCenter instance, as long as there is shared storage and network connectivity between the clusters. References: <https://docs.vmware.com/en/VMwarevSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-3B41119A-1276-404B-8BFB-A32409052449.html>

vMotion is used to move the VM to a different cluster within the same vCenter. This only works if both clusters share the same storage. If they don't you also need to perform a Storage vMotion. Cross vCenter Migration is only used to migrate to a different vCenter.

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