

DUMPS ARENA

VMware vSAN 6.7 Specialist

VMware 5V0-22.21

Version Demo

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QUESTION NO: 1

Which state is NOT a compliance status of a VM Storage Policy?

- A. Compliant
- B. Noncompliant
- C. Stale
- D. Not Applicable

ANSWER: C**Explanation:**

Reference: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.storage.doc/GUID-133B65D0-CE10-45E7-BFA5-74CAD19E0DFD.html>

QUESTION NO: 2

Which Storage Policy Structure Rule is supported by vSAN Direct Datastore?

- A. Enable tag/capacity-based placement rules
- B. Enable host-based rules
- C. Enable rules for vSAN storage
- D. Enable storage performance-based rules

ANSWER: A**Explanation:**

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.virtualsan.doc/GUID-9A3650CE-36AA-459F-BC9F-D6D6DAAA9EB9.html>

QUESTION NO: 3

A vSAN administrator has been asked to increase the usable storage capacity of an existing vSAN cluster to deploy some new virtual machines containing a large amount of data. The details are as follows:

- Each ESXi host in the vSAN cluster is configured with two disk groups.
- Each disk group contains three capacity devices and one cache device.
- Deduplication and compression are not enabled.

- Only the default VM storage policy is in use and had not been changed.
- Add capacity without re-creating disk groups.

The company would like to minimize the number of devices used for cost Optimization.

Which action should the vSAN administrator carry out to provide additional storage to the vSAN cluster?

- A. Changing object space reservation on the default storage policy to 100
- B. Adding new capacity devices to the existing disk groups
- C. Deleting and recreating the current disk groups with a larger disk configuration
- D. Creating a third disk group on each host

ANSWER: B

Explanation:

In order to increase the usable storage capacity of an existing vSAN cluster without re-creating disk groups, the vSAN administrator should add new capacity devices to the existing disk groups. This will allow additional storage to be added to the vSAN cluster while minimizing the number of devices used for cost optimization.

You can find this information in the VMware vSAN 6.6 Documentation, in the section titled 'Disk Groups':
<https://docs.vmware.com/en/VMware-vSphere/6.6/com.vmware.vsphere.vsan.doc/GUID-5A5CC5C3-F4C4-4F4D-A6B4-C9A9F36D69FE.html>

QUESTION NO: 4

An administrator is tasked with configuring vSAN Cloud Native Storage.

Which two requirements must be met for a successful configuration? (Choose two.)

- A. vSAN iSCSI service enabled
- B. Minimum of vSphere 6.7 Update 3 or later
- C. Tanzu Enterprise License required
- D. Minimum of vSphere 7.0 Update 2 or later
- E. Compatible version of Kubernetes

ANSWER: B E

Explanation:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/Cloud-Native-Storage/GUID-BA795112-AFC4-4FCB-B5A6-1ACDCAB79ED3.html>

QUESTION NO: 5

An administrator has successfully deployed a new 3-node vSAN Cluster. Prior to deploying any production workloads on to the new cluster, the administrator must complete a number of Service Validation and Testing (SVT) checks.

The final check requires the administrator to pull out a disk from one of the vSAN hosts.

Which two outcomes will occur within the vSAN cluster following this action? (Choose two.)

- A. By default, vSAN will delay the rebuilding of affected components for 60 minutes.
- B. All components on the device will be marked as absent.
- C. By default, vSAN will start the rebuilding of affected components immediately.
- D. By default vSAN will delay the rebuilding of affected components for 30 minutes.
- E. All components on the device will be marked as degraded.

ANSWER: B C**Explanation:**

Reference: <https://kb.vmware.com/s/article/84248>

QUESTION NO: 6

While preparing to update a vSAN cluster, an administrator finds that the firmware revision of the onboard storage controllers is no longer listed as supported in the Hardware Compatibility Guide, but new firmware is available.

Which action should the administrator take upon discovering this piece of information?

- A. Revert the cluster's on-disk format to the previous version.
- B. Replace all storage controller hardware.
- C. Configure additional external storage resources.
- D. Use vSphere Lifecycle Manager to update the controller firmware.

ANSWER: D**Explanation:**

The correct answer is D. Use vSphere Lifecycle Manager to update the controller firmware. According to the VMware Compatibility Guide [1], vSphere Lifecycle Manager can be used to update the firmware of storage controllers that are no longer listed as supported, as long as new firmware is available. [1]

<https://www.vmware.com/resources/compatibility/search.php>

QUESTION NO: 7

The Resyncing Objects view in the vCenter UI reports that some objects are currently resyncing.

Which two actions would cause this situation? (Choose two.)

- A. DRS is relocating VMs between vSAN nodes.
- B. HA Virtual Machine Monitoring forced a VM to reboot.
- C. A host failure occurs in the cluster.
- D. A change to the storage policy is applied to the objects.
- E. A VM snapshot is being deleted.

ANSWER: C D

QUESTION NO: 8

Which two actions are recommended when adding a host to a vSAN cluster? (Choose two.)

- A. Disable vSphere High Availability (HA).
- B. Create uniformly-configured hosts.
- C. Reference the VMware Compatibility Guide.
- D. Disable vSphere Cluster Services (vCLS).
- E. Disable vSAN performance service.

ANSWER: B C

Explanation:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.virtualsan.doc/GUID-666D9839-2726-4936-8C0F-94476ECE0606.html>

QUESTION NO: 9

A vSAN administrator wants to upgrade a 4-node vSAN Cluster from version 7.0 to the latest version available. The vSAN administrator would like to complete the upgrade as a single task, including firmware and drivers for its hardware.

Which action must the administrator take in order to be able to perform the upgrade?

- A. Configure vSphere Update Manager (VUM).
- B. Migrate the workloads to allow the firmware to be upgraded.
- C. Install the new VMware LCM tool.
- D. Use vLCM images within Lifecycle Manager in vCenter.

ANSWER: D**Explanation:**

According to the VMware official documentation, Lifecycle Manager (vLCM) provides an automated and consistent approach to deploying and updating vSAN clusters, including firmware and driver updates. vLCM enables administrators to upgrade a 4-node vSAN cluster from version 7.0 to the latest version available as a single task, using vLCM images within Lifecycle Manager in vCenter. This ensures that the process is done quickly and reliably, without manual intervention or additional steps.

VMware vSphere with Tanzu Release Notes

<https://docs.vmware.com/en/VMware-vSphere/7.0/rn/vsphere-esxi-vcenter-server-7-vsphere-with-tanzu-release-notes.html>

QUESTION NO: 10

A vSAN administrator has two identical VMware vSAN clusters, one for staging workloads and another for production workloads. Due to an unforeseen capacity requirement, the vSAN administrator is tasked with merging the staging vSAN cluster into the production.

Which two actions should the vSAN administrator perform on the staging cluster prior to moving the vSAN nodes to the production cluster? (Choose two.)

- A. Remove all capacity drives.
- B. Delete all Disk Groups.
- C. Enable File Services.
- D. Disable vSAN Services.
- E. Mark the disks for partial reservation.

ANSWER: B D**Explanation:**

The two actions that the vSAN administrator should perform on the staging cluster prior to moving the vSAN nodes to the production cluster are to disable vSAN Services and delete all Disk Groups. According to VMware's Official Guide, "before removing the nodes from the source cluster and adding them to the destination cluster, you must disable vSAN services on the source cluster". Additionally, "before merging clusters together, you must delete all disk groups in the source cluster". This will ensure that the nodes can be successfully moved to the production cluster without any errors or conflicts.

Performance Troubleshooting - Understanding the Different Levels ...

<https://blogs.vmware.com/virtualblocks/2019/06/12/vsan-performance-metric-levels/>

vSAN Operations Guide | VMware

<https://core.vmware.com/resource/vsan-operations-guide>

Administering VMware vSAN - VMware vSphere 7.0

<https://docs.vmware.com/en/VMware-vSphere/7.0/vsan-703-administration-guide.pdf>