

# DUMPS ARENA

## VMware HCI Master Specialist

VMware 5V0-21.21

Version Demo

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**QUESTION NO: 1**

Upon investigating a workload performance issue, a vSAN administrator observed a high backend IOPs on a vSAN cluster. Which two causes explain this behavior? (Choose two.)

- A. The cluster DRS threshold has been set to Aggressive.
- B. There is a vSAN node failure.
- C. The vSAN Resync throttling is enabled.
- D. The object repair timer value has been increased.
- E. The vSAN policy protection level has changed from FTT=0 to FTT=1.

**ANSWER: C E****Explanation:**

Reference: [https://core.vmware.com/resource/troubleshooting-vsan-performance#\\_Toc536646878](https://core.vmware.com/resource/troubleshooting-vsan-performance#_Toc536646878)

**QUESTION NO: 2**

A cache disk failure marked a vSAN disk group as failed, and the data is being rebuilt on other disk groups.

Which action should the vSAN administrator take to reduce the negative impact on the VMs?

- A. Enabling Resync Throttling
- B. Enabling Maintenance mode with no data evacuation
- C. Enabling automatic rebalance
- D. Setting the vSAN policy's IOPS limit for object value to 0 (unlimited)

**ANSWER: A****QUESTION NO: 3**

An administrator is planning to deploy workloads on a six node vSAN cluster, and all nodes are distributed equally across three racks. Which action is required to ensure that the workload VMs remain compliant with the default vSAN policy after a complete rack failure?

- A. Add an additional rack with two hosts, and configure vSAN with four fault domains and FTT=1 (erasure coding).
- B. Add two additional hosts per rack, and configure vSAN with three fault domains and FTT=1.

- C. Add an additional host per rack, and configure vSAN with three fault domains and FTT=2.
- D. Add an additional rack with two hosts, and configure vSAN with four fault domains and FTT=1 (mirroring).

**ANSWER: D**

#### QUESTION NO: 4

An architect needs to automate an infrastructure that supports VMware Horizon as well as VMware Tanzu.

Which solution mandates the use of VMware vSAN?

- A. VMware Cloud Foundation
- B. VMware Horizon
- C. VMware Tanzu
- D. VMware vRealize Automation

**ANSWER: D**

#### Explanation:

Reference: <https://www.vmware.com/products/vrealize-automation.html>

#### QUESTION NO: 5

During a maintenance action on a vSAN node, a vSAN administrator noticed that the default repair delay time is about to be reached.

Which two commands must be run to extend the time? (Choose two.)

- A. `/etc/init.d/vsanmgmtd restart`
- B. `esxcli system settings advanced set -o /VSAN/ClomRepairDelay -i 50`
- C. `esxcli system settings advanced set -o /VSAN/ClomRepairDelay -i 80`
- D. `/etc/init.d/clomd restart`
- E. `/etc/init.d/vsanobserver restart`

**ANSWER: C D**

#### Explanation:

Reference: <https://kb.vmware.com/s/article/2075456>

**QUESTION NO: 6**

An architect is working with vSAN and setting the fault domains to support FTT=1.

How many fault domains will be needed?

- A. 2
- B. 3
- C. 4
- D. 1

**ANSWER: B****Explanation:**

Reference: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vsan-planning.doc/GUID-FE7DBC6F-C204-4137-827F-7E04FE88D968.html>

**QUESTION NO: 7**

A customer has upgraded to vSAN 7, but there is still an existing legacy host which must be removed from the vSAN cluster.

Which three steps must an administrator take to successfully remove this host from the vSAN cluster? (Choose three.)

- A. Place the host in maintenance mode with Ensure Accessibility
- B. Disconnect from vCenter Server
- C. Place the host in maintenance mode with Full Data migration
- D. Place the host in maintenance mode with no data migration
- E. Remove from vSAN cluster
- F. Delete the disk group(s) on the legacy host

**ANSWER: C E F****Explanation:**

Reference: <http://www.vexpertconsultancy.com/2019/06/step-by-step-remove-a-node-permanently-from-a-vsan-cluster/>

**QUESTION NO: 8**

A company has deployed a 12-node (6-6-1) vSAN 7.0 stretched cluster for all production workloads.

The customer currently uses four different vSAN storage policies for running the workloads depending on the applications requirements:

- Policy 1 - Site Disaster Tolerance=Dual Site Mirroring, FTT=Erasure Coding
- Policy 2 - Site Disaster Tolerance=Dual Site Mirroring, FTT=Mirroring
- Policy 3 - Site Disaster Tolerance=None - Keep Data on Preferred, FTT=Mirroring
- Policy 4 - Site Disaster Tolerance=None - Keep Data on Non-Preferred, FTT=Mirroring

During the setup of the vSAN stretched cluster, the following VM/Host Rules were created:

- Preferred Site - Preferred Site workloads should run on DC1 hosts.
- Secondary Site - Secondary Site workloads should run on DC2 hosts.

Which two activities should the administrator complete to ensure that there is no impact to production services during the maintenance window in the Preferred Site? (Choose two.)

- A. Change the Site Disaster Tolerance setting in Policy 3 to be “Dual Site Mirroring”.
- B. Update vSphere DRS site affinity rules so that Preferred Site workloads should not run on hosts in DC1.
- C. Change the Site Disaster Tolerance setting in Policy 4 to be “None - Keep Data on Preferred”.
- D. Change the FTT setting in Policy 3 to be “Erasure Coding”.
- E. Update vSphere DRS site affinity rules so that Preferred Site workloads must run on hosts in DC2.

**ANSWER: C E**

### QUESTION NO: 9

An administrator has been tasked with enabling encryption for existing virtual machines on a vSAN cluster.

Which three prerequisites must be satisfied before completing the task? (Choose three.)

- A. Create an encryption storage policy
- B. Enable Data-In-Transit encryption first
- C. Enable that the virtual machines are powered on
- D. Verify if a role with privilege “Cryptographic operations.Encrypt new” is assigned
- E. Verify if a role with privilege “Cryptographic operations.Migrate” is assigned
- F. Establish a trusted connection with the KMS

**ANSWER: C D F**

**QUESTION NO: 10**

An administrator is tasked to create a custom storage policy for workloads and is including additional disk stripes while defining the storage policy.

What is the main purpose of this practice?

- A.** To increase available storage space
- B.** To set a failure tolerance
- C.** To improve performance
- D.** To reconstruct corrupted data

**ANSWER: B**