

# 5V0-21.21<sup>Q&As</sup>

VMware HCI Master Specialist Dumps

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#### **QUESTION 1**

An administrator wants to check the performance metrics for the workloads and their virtual disks that are running on a vSAN cluster, but no statistical charts are displayed in the vSphere client.

Why is this behavior being seen?

- A. vSAN network diagnostic mode is not enabled.
- B. vSAN proactive tests haven\\'t been run yet.
- C. vSAN performance service is turned off.
- D. vSAN performance verbose mode is not enabled.

Correct Answer: C

Some tools allow for measuring latency peaks. This unfortunately isn\\'t ideal, as it can unfairly represent statistical outliers, which may very well occur when there is little to no I/O activity. The best way to understand the actual behavior of VM and application latencies is to observe in time based performance graphs. Depending on the level of detail, you may need to measure at the individual VMDK level. Become familiar with these graphs to determine what is normal, and what is not for that given application. This is where you can use built-in functionality of vCenter and the vSAN performance service metrics to gather this information.

Reference: https://core.vmware.com/resource/troubleshooting-vsan-performance#\_Toc536646873

### **QUESTION 2**

An architect is designing a vSAN cluster.

Which storage controller option will yield optimal performance?

A. Hugh queue depth

- B. Set caching to 50% read on the controller
- C. Enable battery write-back caching

D. RAID 0

Correct Answer: D

### **QUESTION 3**

Upon checking the latency goal under vSAN performance diagnostics, the vSAN Administrator sees this

message displayed:

The increase in latency in the vSAN stack might be beyond expected limits.



Which two root causes can be identified to help remediate the issue? (Choose two.)

- A. vSAN VMKemel portgroup is configured with the "Route based on IP hash" teaming policy
- B. vSAN encryption is enabled
- C. Large packet losses and retransmissions on the network layer
- D. Incorrect sizing of the disk groups capacity disks
- E. One or more disk groups are congested

Correct Answer: CE

Reference: https://kb.vmware.com/s/article/2150018

### **QUESTION 4**

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

Correct Answer: B

### **QUESTION 5**

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.

Correct Answer: CE

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