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➢ **Vendor: VMware**

➢ **Exam Code: 5V0-21.20**

➢ **Exam Name: VMware HCI Master Specialist**

➢ **New Updated Questions from Braindump2go (Updated in May/2020)**

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QUESTION 39
An administrator receives an alert for vCenter being unavailable. With vCenter running on vSAN, the administrator wants to know if any other VMs are impacted. What command can an administrator run to determine the overall health of the vSAN objects?

A. esxcli vsan errands timemachine get
B. esxcli vsan storage list
C. esxcli vsan cluster get
D. esxcli vsan health cluster list

Answer: A

QUESTION 40
An All-Flash vSAN cluster has 4-nodes with this disk group composition on each host:
```
- 1 x 800 GB SAS SSD
- 6 x 3.84 TB SATA SSD
```
An administrator observes that in an All-Flash cluster, the Write Buffer Free Percentage is consistently low. As a result there is increased latency experienced by the workloads.
Which remediation steps will resolve this issue?

A. Add a second disk group with a new cache device and distribute the capacity disks equally.
B. Add a second cache device to the same disk group to increase the caching size.
C. Replace the existing cache device with a larger cache device.
D. Modify advanced vSAN configuration parameters to utilize the complete 800 GB for caching.

Answer: B

QUESTION 41
A major upgrade of the ESXi code on an existing vSAN cluster was Just completed. Upon logging on to the vSphere Web Client, the vSphere administrator encounters UI timeouts on vSAN specific menus.
What could cause this?

A. vSAN on-disk format has yet to be upgraded.
B. vSphere Update Manager is offline.
C. vSAN Performance Service is offline.
D. vCenter Server has yet to be upgraded.

Answer: D

QUESTION 42
An architect has been asked to design a vSAN Stretched Cluster. The architect will configure Microsoft Active Directory to replicate between a server on Site A (preferred) and a server on Site B (non-preferred). The architect must minimize

the amount of raw storage capacity used. Which storage policy needs to be applied to the Active Directory server on site A?

A. None - standard cluster
B. None - keep data on Preferred
C. Dual site mirronng
D. None - stretched cluster

Answer: A

QUESTION 43
An administrator arrives at work and begins their morning checks on a four node, all-flash vSAN Cluster. They notice the vSAN datastore reached 99% capacity due to a single node failure.
How can the administrator provide temporary relief?

A. change FTT=1 with RAID-1 (Mirroring) to FTT=0 No data redundancy
B. change FTT=1 with RAID-1 (Mirroring) to FTT=1 with RAID-5 (Erasure coding)
C. change FTT=1 with RAID-5 (Erasure coding) to FTT=0 No data redundancy
D. change FTT=1 with RAID-5 (Erasure coding) to FTT=1 with RAID-1 (Mirroring)

Answer: B

QUESTION 44
A customer environment includes:
- 4-node vSAN cluster
- 5 SQL servers with an OS virtual disk and database virtual disk
- Current policy uses the vSAN Default Storage policy
A vSAN administrator has created a new policy with fault tolerance method of Erasure Coding with Failures to tolerate equal to 1. The administrator will apply this new policy to the OS disk only. Considering this scenario, which two statements are true? (Choose two.)

A. vSAN policies can only be applied to entire VMs.
B. The policy can't be applied as there are not enough nodes to comply with the policy.
C. The object tree will have to be rebuilt when the policy is applied.
D. The policy will result is size reduction and only will require 1.5x space instead of 2x.
E. This policy will require additional transitional space, until all objects are recreated.

Answer: CE

QUESTION 45
What is a benefit of using vSphere Distributed Switches in a vSAN network?

A. Simplifies network abstraction
B. Enables network redundancy
C. Supports faster network adapters
D. Provides the ability to adjust the MTU

Answer: D

QUESTION 46
A single disk in a vSAN disk group suffers from an unrecoverable hardware failure. This causes vSAN to set the health status for all disks in the group to Permanent disk loss, indicating disk failure. Assuming all other disks have not suffered from a hardware failure, why would vSAN mark all disks in the group as failed?

A. The vSAN disk management service has failed.
B. The affected vSphere host is offline.

C. The key management server is offline.
D. Deduplication and compression is enabled on the vSAN cluster.

Answer: A

QUESTION 47
An administrator is designing a vSAN cluster for performance driven workloads.
Which design decision will provide more I/O paths to the vSAN cluster?

A. add cache devices to disk groups
B. add compute-only nodes
C. add disk groups to each host
D. add CPUs to each host

Answer: C

QUESTION 48
A group of vSAN components that reside on a failed drive are marked degraded.
How long does vSAN wait by default, before rebuilding these components on other healthy drives in the cluster?

A. 0 minutes
B. 5 minutes
C. 30 minutes
D. 60 minutes

Answer: A

QUESTION 49
A vSAN administrator is working with a network administrator to design a highly resilient all- flash vSAN cluster.
Which design factor allows for a highly resilient vSAN network?

A. virtual distributed switch
B. NIC teaming
C. dedicated port groups
D. virtual standard switch

Answer: C

QUESTION 50
A hardware 10 controller manufacturer has released a new version of firmware which brings performance
improvements to the controller that the vSAN disk group is currently using. The administrator would like to upgrade to
the new firmware version.
Which action should the administrator perform?

A. Check against the vSAN Compatibility Guide for the correct certified firmware and driver
   combination and upgrade both firmware and driver.
B. Check against the vSAN Compatibility Guide that this new firmware version Is certified and
   Install it with any certified driver.
C. Install the latest version of vSphere before upgrading to the newest version of firmware.
D. Install the new firmware as soon as possible after testing in his/her lab to take advantage of
   the performance improvements.

Answer: D