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VMware vSAN 6.7 Specialist Exam 2019

VMware 5V0-21.19

Version Demo

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QUESTION NO: 1

A host in a vSAN cluster has the following VMware Compatibility Guide approved disks:

-3 solid state devices (SSD) used for cache

-12 magnetic drivers (HDD) used for capacity

Which two options are valid disk group configurations? (Choose two.)

A. 1 Disk Group with 2 SSD and 6 HDD

B. 1 Disk Group with 3 SSD and 12 HDD

C. 2 Disk Groups with 1 SSD and 6 HDD each

D. 3 Disk Groups with 1 SSD and 4 HDD each

E. 4 Disk Groups with 3 HDD each

ANSWER: C D

QUESTION NO: 2

An administrator wants to increase the capacity of a disk group cache device.

What is required to increase the cache device size?

A. Hot swap the disk group cache device.

B. Perform a storage vMotion between disk groups.

C. Put the disk group in maintenance mode and swap the cache device.

D. Recreate the disk group with a new cache device.

ANSWER: D

Explanation:

Reference: https://www.driftar.ch/index.php/2017/09/05/how-to-delete-and-change-vmware-vsan-disk-groups/

QUESTION NO: 3

A company implements a vSAN environment with linked clone virtual desktops and homogeneous desktop operating systems. During the last three months, users have experienced intermittent high latency, degraded performance, and lockout from desktops.
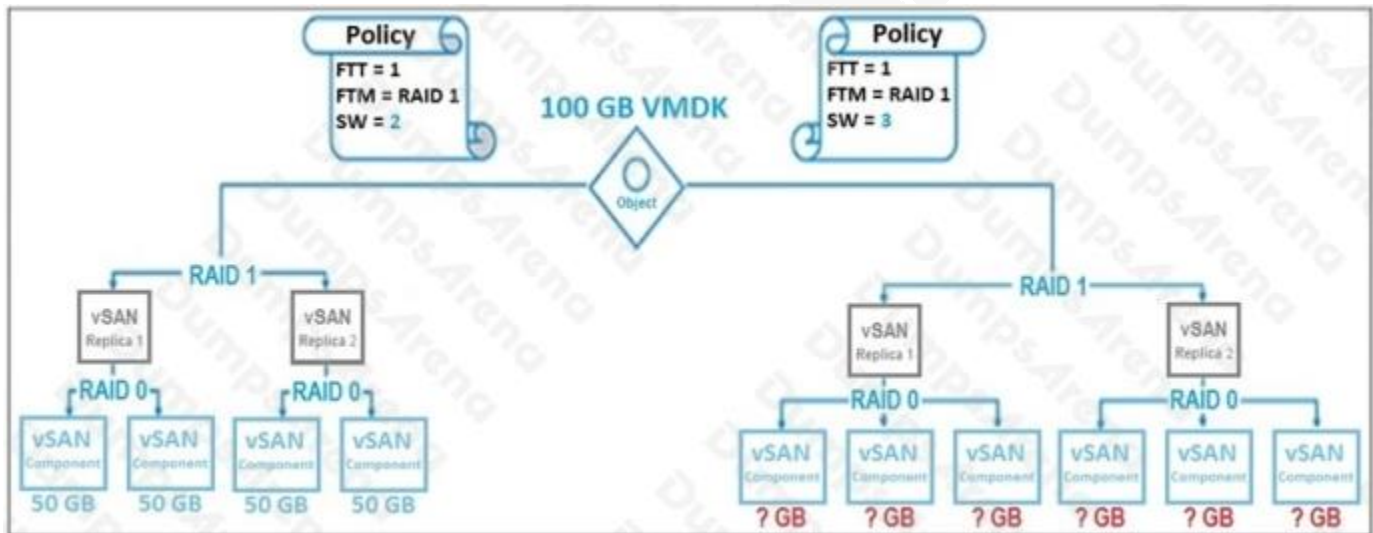
Which two methods should an administrator use to monitor and respond to the issues? (Choose two.)

A. vRealize Log Insight

B. vRealize Automation

C. Live Optics

D. HCIBench

E. vRealize Operations Manager

ANSWER: A C

QUESTION NO: 4

Refer to the exhibit.

In a 2-node vSAN environment, a storage administrator has setup a vSAN storage policy.

When the stripe width is changed to three, what is the approximate component size of each replica marked in red?

A. 33GB

B. 50GB

C. 66GB

D. 100GB

ANSWER: A

QUESTION NO: 5

What are two recommended reasons for configuring a cluster with at least one node in addition to the minimum required number? (Choose two.)

A. To ensure object accessibility

B. To support the use of RAID-6

C. To provide more flexible storage policy options

D. To provide full protection during maintenance mode operations

E. To support data at rest encryption on vSAN hybrid clusters

ANSWER: C D

Explanation:

Reference: https://blogs.vmware.com/virtualblocks/2018/05/24/vsan-deployment-considerations/

QUESTION NO: 6

The objects on a 4-node vSAN cluster are assigned a RAID-5 policy. A network outage occurs causing host one to lose connectivity with the rest of the cluster. Seventy-five minutes elapse.

What is the health state of the objects?

A. Reduced availability with no rebuild

B. Reduced availability with no rebuild – delay timer

C. Non-availability related incompliance [non-compliance]

D. Reduced availability

ANSWER: D

QUESTION NO: 7

A vSAN administrator has three available racks and six vSAN hosts.

What can a vSAN administrator use to protect against a rack failure while maximizing resources?

A. explicit fault domain

B. vSAN stretched cluster

C. 2-node configuration

D. RAID-6/FTT=2

ANSWER: A

Explanation:

Reference: https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-8491C4B0-6F94-4023-8C7A-FD7B40D0368D.html

QUESTION NO: 8

A vSAN Witness has connectivity to a vSAN cluster with supported maximum latency of 500 milliseconds round-trip time (RTT).

Which vSAN cluster type is the vSAN Witness a member of?

A. vSAN stretched cluster with 4 nodes in each site

B. vSAN 2-node direct connected cluster

C. 4-node vSAN cluster using erasure coding

D. 16-node vSAN cluster with nested fault domains

ANSWER: B

Explanation:

Reference: https://book.akij.net/eBooks/2018/March/5ab76ee97f532/SAnet.cd.EssentialVirtualSAN(VSAN).pdf (56)

QUESTION NO: 9

A vSAN 5-node cluster has two sets of VMs, each associated with a separate storage policy.

-Group A (Storage Policy: FTT=0)

-Group B (Storage Policy: FTT=2)

What are two possible results when two hosts in the vSAN cluster fail permanently? (Choose two.)

A. VMs in Group B will become inaccessible if a third host permanently fails.

B. vSAN will rebuild data associated with Group A.

C. VMs in Group A might experience data inaccessibility.

D. VMs in Group B might experience data loss.

E. A host can be put into maintenance mode without impacting VMs in either Group A or B.

ANSWER: C D

QUESTION NO: 10

A vSAN cluster has this configuration:

-4 hosts with 1 disk group per host

-Each disk group contains 1 cache device and 7 capacity devices

What are two ways to increase the vSAN datastore storage capacity? (Choose two.)

A. Add a host to the cluster

B. Add a cache device to each disk group

C. Add a capacity drive to each disk group

D. Replace a cache device with a larger cache device

E. Add a disk group to each host

ANSWER: A E