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QUESTION 1

A company hosts a vSAN 7 stretched cluster for all development workloads. The original sizing of a maximum of 250 concurrent workloads in the vSAN cluster is no longer sufficient and needs to increase to at least 500 concurrent workloads within the next six months.

To meet this demand, the original 8-node (4-4-1) cluster has recently been expanded to 16 nodes (8-8-1).

Which three additional steps should the administrator take to support the current growth plans while minimizing the amount of resources required at the witness site? (Choose three.)

A. Add the new vSAN witness appliance to vCenter Server.

B. Deploy a new large vSAN witness appliance at the witness site.

C. Configure the vSAN stretched cluster to use the new vSAN witness.

D. Deploy a new extra large vSAN witness appliance at the witness site.

E. Upgrade the vSAN stretched cluster to vSAN 7.0 U1.

F. Configure the new vSAN witness as a shared witness appliance.

Correct Answer: BCF

QUESTION 2

Due to the success of the recently deployed developer-only private cloud solution, a company has a new requirement to at least double the usable capacity in their all-flash vSAN cluster.

The vSAN cluster is deployed into a co-located datacenter that is owned by a third-party hosting company. The hosting company charges a fixed monthly cost for rack space and power consumption. The service owner has been given a limited budget for additional hardware purchases, but not for on-going co-location costs.

The current vSAN cluster has the following configuration: 10 vSAN Nodes with 2 CPUs (20 cores), 512 GB RAM

1 Disk Group per vSAN node

 -1 x 400 GB

 -4 x 1.8 TB

De-duplication and Compression is enabled.

vSAN Capacity is currently:

 -Total: 72 TB

 -Usable: ~40 TB (FTT1/RAID1) and ~60 TB (FTT1/RAID5).

As a result of any action taken, the service owner would like to ensure that overall availability of the vSAN cluster is

increased.

Which two recommendations meet the requirement to increase capacity while maintaining service availability? (Choose two.)

A. Install an additional 400 GB SSD and 4 x 1.8 TB SSDs per vSAN node.

B. Update the existing Disk Group, and claim the newly installed drives for each node.

C. Create a new Disk Group, and claim the newly installed cache and capacity SSD drives for each node.

D. Install an additional 3 x 1.8 TB SSDs per vSAN node.

E. Replace existing SSDs with an 800 GB SSD and 4 x 3.8 TB SSDs per vSAN node.

Correct Answer: CD

QUESTION 3

In a stretched vSAN cluster, how is Read Locality established after fail over to the secondary site?

A. 100% of the reads comes from vSAN hosts on the local site

B. 50% of the reads comes from vSAN hosts on the local site

C. 100% of the reads comes from vSAN hosts on the remote site

D. 50% of the reads comes from vSAN hosts on the remote site

Correct Answer: A

Reference: https://www.vmware.com/files/pdf/products/vsan/vmware-virtual-san-6.1-stretched-clusterguide.pdf (45)

QUESTION 4

An administrator wants to deploy a desktop and application virtualization solution on top of vSAN. Which VMware product should the administrator install?

A. VMware Dynamic Environment Manager

B. VMware Horizon Apps

C. VMware Workspace One Access

D. VMware Horizon

Correct Answer: D

QUESTION 5

A customer is planning to migrate their physical Microsoft SQL Server clustered workloads to vSAN enabled vSphere clusters.

The following requirements must be met:

Each MSSQL cluster is made up of 3 nodes Highest possible availability against node failures Some of the vSAN clusters will only consume storage

What should the architect recommend?

A. vSAN iSCSI Target Service

B. Stretched vSAN Cluster

C. vSAN Direct

D. vSAN File Services

Correct Answer: A

Reference: https://kb.vmware.com/s/article/2147661