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QUESTION 1

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

QUESTION 2

A company has engaged a consultant to upgrade an existing vSAN cluster to vSAN 7.0 U1.

During the discovery phase, the consultant found the following information about the existing environment:

The VMware vCenter Server has recently been upgraded from VMware vSphere 6.7 U3 to version 7.0 U1.

The vSAN Cluster was recently expanded with identical hardware specification, but from a different hardware vendor.

The hardware for each vSAN node is listed on the vSAN Compatibility Guide (VCG) for vSAN 7.

The vSAN Cluster has the following configuration:

 -vSAN version: 6.6.1

 -Number of vSAN nodes: 10

 -Encryption: enabled

-Deduplication and Compression: enabled

-vSAN Capacity Utilization: 60%

Each vSAN node has the following configuration:

-VMware vSphere ESXi version: 6.5 Update 3

-CPU: 2 processors, 20 cores

-RAM: 768GB RAM.

-Disk: 2 Cache SSDs and 6 Capacity SSDs

-Network: 4 x 10GbE

Which three recommendations should the consultant make to ensure all data remains protected in the event of a vSAN failure? (Choose three.)

A. The Full data migration maintenance mode option must be chosen to protect the data during the upgrade.

B. The Ensure accessibility, migration maintenance mode option must be chosen to protect the data during the upgrade.

C. The upgrade process should be completed using host upgrade baselines in VMware vSphere Lifecycle Manager (vLCM).

D. The vSAN nodes should be upgraded to vSphere ESXi 7.0 U1.

E. The upgrade process should be completed using images in VMware vSphere Lifecycle Manager (vLCM).

F. The vSAN nodes should be upgraded to vSphere ESXi 6.7 U3.

Correct Answer: BDE

QUESTION 3

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

Correct Answer: CEF

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

QUESTION 4

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

QUESTION 5

An administrator is tasked with migrating a VMware Horizon View environment that is currently running on an NFS Datastore to VMware vSAN.

Which Horizon configuration option will not be available when configuring vSAN in Horizon View?

A. Instant Clones

B. Linked Clones

C. Storage Tiers

D. Storage Profiles

Correct Answer: C

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