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QUESTION 1

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 2

An architect is working with vSAN and setting the fault domains to support FTT=1. How many fault domains will be needed?

A. 2

B. 3

C. 4

D. 1

Correct Answer: B

Reference: https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vsan-planning.doc/ GUID-FE7DBC6F-C204-4137-827F-7E04FE88D968.html

QUESTION 3

An architect collected the below technical requirements from the customer during a vSAN cluster design

workshop:

Maximize the vSAN datastore usable capacity.

Deduplication and compression are required to help utilize available capacity efficiency.

Ensure the highest level of resiliency wherever possible.

Which disk group configuration should the architect include in the design?

A. One disk group per host, with one cache tier flash disk and four capacity tier flash disks.

B. Two disk groups per host, each with one cache tier flash disk and four capacity tier flash disks.

C. Two disk groups per host, each with one cache tier flash disk and six capacity tier flash disks.

D. Two disk groups per host, each with one cache tier flash disk and six capacity tier magnetic disks.

Correct Answer: D

QUESTION 4

After a vSAN Witness Appliance network configuration, the vSAN administrator notices that vSAN traffic flows from vmk0 (Management Traffic) rather than vmk1 (vSAN Traffic).

Which step should be taken to resolve this issue?

A. Configure vmk0 with IP address on the same range as that of vmk1.

B. Tag the vmk0 for vSAN traffic.

C. Configure vmk1 with IP address on the different network than that of vmk0.

D. Tag the vmk1 for Witness traffic.

Correct Answer: A

If both vmk0 and vmk1 are configured on the same range, a multihoming condition will occur and vSAN traffic will flow from vmk0, rather than vmk1.

Reference: http://www.vmwarearena.com/vsan-stretched-cluster-how-to-configure-vsan-witnessappliance/

QUESTION 5

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 6

Upon investigating a workload performance issue, a vSAN administrator observed a high backend IOPs on a vSAN cluster.

Which two causes explain this behavior? (Choose two.)

A. The cluster DRS threshold has been set to Aggressive.

B. There is a vSAN node failure.

C. The vSAN Resync throttling is enabled.

D. The object repair timer value has been increased.

E. The vSAN policy protection level has changed from FTT=0 to FTT=1.

Correct Answer: CE

Reference: https://core.vmware.com/resource/troubleshooting-vsan-performance#_Toc536646878

QUESTION 7

During a planning session for new vSAN clusters in multiple data centers, the customer relayed the following information:

Highest possible mitigation during a host failure in terms of capacity. A constraint in this year\\'s IT budget.

What should the architect recommend?

A. Enable operations reserve. A minimum cluster of 3 vSAN nodes.

B. Enable host build reserve. A minimum cluster of 4 vSAN nodes.

C. Enable performance services. A minimum cluster of 6 vSAN nodes.

D. Enable IOInsight Metrics. A minimum cluster of 2 vSAN ROBO nodes.

Correct Answer: B

QUESTION 8

An 8-Node vSAN Stretched Cluster (4+4+1) with a single disk group has a policy with PFTT=1 (mirrored

across sites) and SFTT=1/FTM Mirroring (Local Protection) configured.

The administrator has been alerted that there is a problem with the cluster. The following has been

observed:

The vSAN Witness Host is offline.

Two disk failures on two hosts have occurred in the preferred site.

This has resulted in a critical production virtual machine\\'s vmdk becoming inaccessible.

Which step needs to be performed by the administrator to resolve the issue?

A. Replace all failed disks on the preferred site.

B. Replace the vSAN Witness Host

C. Replace access to the existing vSAN Witness Host

D. Replace only one failed disk on the preferred site.

Correct Answer: C

QUESTION 9

An administrator wants to enable encryption on an existing vSAN cluster that already contains virtual machines.

Which additional step should the administrator take to ensure no data is lost during the encryption process?

A. Select 'Erase disks before use' check box when enabling encryption on a vSAN cluster.

B. Make vCenter Server trust the KMS, either by trusting the KMS or by uploading a KMS certificate.

C. Ensure that the vSAN Encryption is enabled by default on the existing cluster to encrypt old and new data.

D. Disable vSphere Distributed Resources Schedule (DRS) on the vSAN cluster.

Correct Answer: A

Reference: https://core.vmware.com/resource/vsan-data-rest-encryption#sec7014-sub2

QUESTION 10

An administrator is tasked with setting up Kerberos authentication only for the vSAN File services.

Which version of Kerberos must be selected if the NFS version is v4.1?

A. krb5i

B. krb4

C. krb5

D. krb5p

Correct Answer: A

Reference: https://core.vmware.com/resource/best-practices-running-nfs-vmware-vsphere