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QUESTION 1

A 30-minute power maintenance window has been approved on Sunday. Due to a delay, the maintenance took 20 minutes longer to finish.

During this time, the vSAN administrator noticed that one of the clusters nodes was affected by a power shortage, as it was connected to an affected power source. The default vSAN storage policy has been applied.

What will be the status of the vSAN objects on the affected host immediately after it is recovered?

A. The cluster will be partitioned and the vSAN host will need to be rejoined.

B. A rebuild of the affected objects will occur.

C. All objects will remain accessible.

D. All objects on the affected host will be lost.

Correct Answer: B

QUESTION 2

An administrator has received an alert indicating that a single capacity device is close to failing within the production vSAN Cluster. The administrator must now complete preemptive maintenance on the vSAN Cluster without impacting the availability of workloads or vSAN File Services.

The following information is known about the vSAN Cluster: vSAN 7.x Cluster vSAN node count: 8 De-Duplication and Compression: Enabled. Encryption: Disabled Current Utilization: 45% Disk Groups: 2 Devices per node: 2 x 400 GB SSD, 6 x 1.8 TB SSD

Which three steps should the administrator take to successfully complete the task? (Choose three.)

A. Remove the affected Disk Group from the vSAN Cluster, and choose Full Data Migration.

B. Replace the failed disk with a storage device that is identical in class and capacity.

C. Remove the affected Disk Group from the vSAN Cluster, and choose No Data Migration.

D. Replace the failed disk with a storage device that is identical in class but smaller in capacity.

E. Put the affected vSAN host into maintenance mode to physically replace the storage device.

F. Remove the affected Disk from the Disk Group, and choose Full Data Migration.

Correct Answer: ABF

QUESTION 3

In a vSAN stretched cluster, which value must be set in the vSAN policy if there is no requirement for data mirroring across sites?

A. SFTT = 0

B. SFTT = 1

C. PFTT = 1

D. PFTT = 0

Correct Answer: A

Reference: https://www.delltechnologies.com/asset/en-us/products/converged-infrastructure/technicalsupport/h15275-vxrail-planning-guide-virtual-san-stretched-cluster.pdf (5)

QUESTION 4

During a maintenance action on a vSAN node, a vSAN administrator noticed that the default repair delay time is about to be reached.

Which two commands must be run to extend the time? (Choose two.)

A. /etc/init.d/vsanmgmtd restart

B. esxcli system settings advanced set -o /VSAN/ClomRepairDelay -i 50

C. esxcli system settings advanced set -o /VSAN/ClomRepairDelay -i 80

D. /etc/init.d/clomd restart

E. /etc/init.d/vsanobserver restart

Correct Answer: CD

Reference: https://kb.vmware.com/s/article/2075456

QUESTION 5

An administrator is tasked with preparing for a Cross vCenter migration in a stretched vSAN cluster where the virtual machines migration will be orchestrated via VMware Site Recovery Manager.

Which action should the administrator take so the migration is successful?

A. Disable vSAN Deduplication and Compression

B. Reconfigure vCenter HA Admission control

C. Enable vCenter Single Sign-On Enhanced Linked Mode

D. Make sure that Witness traffic is on the management NIC.

Correct Answer: C

Reference: https://docs.vmware.com/en/Site-Recovery-
Manager/8.4/com.vmware.srm.admin.doc/GUIDB64096E8-F49A-4BF6-92CE-05FBA972F3C0.html

QUESTION 6

An architect is designing for a production vSAN cluster, and the customer introduced these requirements

related to File Services:

A minimum of 12 files shares.

30TB NFS capacity to mount workload VMs.

What should be the architect\\'s recommendations?

A. Point out the risks regarding putting the hosts in maintenance mode in terms of FSVM.

B. Confirm on all of the requirements and move forward with the physical design.

C. Raise concerns regarding support when running VMs on an NFS share as risk.

D. Highlight the required number of nodes required for the vSAN cluster as a constraint.

Correct Answer: D

QUESTION 7

Which statement accurately describes the result when proper VM Storage Policy Affinity Rules on a stretched vSAN cluster are set?

A. When a site is disconnected, the VM will lose access to its VMDK.

B. When a site is disconnected, the VM will continue to have access to its VMDK.

C. Bandwidth is unnecessarily sent across the inter-site link.

D. Proper policies result in higher inter-site bandwidth utilization.

Correct Answer: A

QUESTION 8

A 4-node vSAN cluster is configured with an erasure coding storage policy. The Ensure Accessibility maintenance mode was selected. While performing the maintenance, a second node fails.

What will be the impact on the vSAN cluster?

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A. There will be no impact on performance.

B. The VMs will no longer be accessible.

C. The performance will be degraded.

D. The VMs will be in a suspended state.

Correct Answer: A

Reference: https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.virtualsan.doc/GUID521EA4BC-E411-47D4-899A-5E0264469866.html

QUESTION 9

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 10

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

wants to ensure that the same vSAN process can be used in the future.

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

The vCenter Server is currently version 7.0.

The vSAN Cluster has the following configuration:

 -vSAN version: 7.0

 -Number of vSAN nodes: 6

 -Encryption: enabled

-Deduplication and Compression: enabled

-Fault Domains: 1

-vSAN Capacity Utilization: 60% Each vSAN node has the following configuration:

-ESXi version: VMware vSphere 7.0

-CPU: 2 processors, 20 cores

-RAM: 1024GB RAM.

-Disk: 2 Cache SSDs and 6 Capacity SSDs

-Network: 4 x 10GbE All current hardware (which is from a single vendor) is listed on the vSAN Compatibility Guide for vSAN 7.

Which three recommendations should the consultant make to ensure that the vSAN cluster upgrade is completed? (Choose three.)

A. Upgrade all vSAN nodes to VMware vSphere 7.0 U1 using the baselines capability within VMware Update Manager (VUM).

B. Disable vSAN Encryption before starting the upgrade process.

C. Upgrade all vSAN nodes to VMware vSphere 7.0 U1 using the images capability within VMware Update Manager (VUM).

D. Set VMware Distributed Resource Scheduling (DRS) to partially automated.

E. Upgrade to VMware vCenter Server 7.0 U1.

F. Choose the Allow reduced redundancy option.

Correct Answer: A

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