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Question: 126

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 NI

Answer: C

Explanation:

Reference: https://docs.vmware.com/en/Site-Recovery-Manager/8.4/com.vmware.srm.admin.doc/GUID-B64096E8-F49A-4BF6-92CE-05FBA972F3C0.html

Question: 127

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.

Answer: A,C

Question: 128

An administrator is setting up vSAN file services on a vSAN cluster.

Which two security policies on the distributed port groups are automatically enabled in the process? (Choose two.)

A. Forged Transmits
B. Promiscuous Mode
C. DVFiltering
D. Jumbo Frames
E. MacLearning

Answer: A,B

Explanation:

Reference: https://www.yellow-bricks.com/2020/04/15/vsan-file-services-considerations/

Question: 129

An architect is working with an All-Flash vSAN configuration and will be using the Flash Caching Devices in vSAN.

Which requirement is specifically needed for these devices?

A. Write endurance
B. IOPS
C. Read endurance
D. Capacity

Answer: A

Explanation:

Reference: https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vsan-planning.doc/GUID-1D6AD25A-459A-43D6-8FF5-52475499D6A2.html

Question: 130

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 VMD
B. When a site is disconnected, the VM will continue to have access to its VMD
C. Bandwidth is unnecessarily sent across the inter-site link.
D. Proper policies result in higher inter-site bandwidth utilization.

Answer: A

Question: 131

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

Answer: A,C,D

Question: 132

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 âErase disks before useâ 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.

Answer: B

Explanation:

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

Question: 133

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.

Answer: A,B

Explanation:

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

Question: 134

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

Answer: A,C,E,F

Explanation:

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

Question: 135

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

Answer: B

Explanation:

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

Question: 136

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.

Answer: A,B,C

Question: 137

An administrator is planning to deploy workloads on a six node vSAN cluster, and all nodes are distributed equally across three racks.

Which action is required to ensure that the workload VMs remain compliant with the default vSAN policy after a complete rack failure?

A. Add an additional rack with two hosts, and configure vSAN with four fault domains and FTT=1 (erasure coding).
B. Add two additional hosts per rack, and configure vSAN with three fault domains and FTT=1.
C. Add an additional host per rack, and configure vSAN with three fault domains and FTT=2.
D. Add an additional rack with two hosts, and configure vSAN with four fault domains and FTT=1 (mirroring).

Answer: D

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