Vendor: VMware

Exam Code: 5V0-22.23

Exam Name: VMware vSAN Specialist v2

Version: DEMO

QUESTION 1
A vSAN administrator has a cluster configured with a Storage Pool that was moved to a new physical DC.
Upon checking on the vSAN cluster health status, one of the ESXi hosts has two storage devices in a degraded state and must be replaced.
What must the vSAN administrator do to restore the health of the vSAN cluster with minimum risk?

A. Remove the host from vSAN configuration, replace the faulty disks, re-create the storage pool
B. Remove the entire storage pool, install the new devices, re-create the storage pool
C. Remove the host from the cluster, replace the faulty disks, re-add the host to the cluster
D. Remove the devices from the storage pool, replace the storage devices, claim the new devices in vSAN

Answer: D
Explanation:
https://docs.vmware.com/en/VMware-vSphere/8.0/vsan-monitoring-troubleshooting/GUID-17B205CB-0713-4B07-AE22-4A6AB7D194E8.html

QUESTION 2
The Resyncing Objects view in the vCenter UI reports that some objects are currently resyncing.
Which two actions would cause this situation? (Choose two.)

A. A change to the storage policy is applied to the objects.
B. DRS is relocating VMs between vSAN nodes.
C. A host failure occurs in the cluster.
D. HA Virtual Machine Monitoring forced a VM to reboot.
E. VM snapshot is being deleted.

Answer: AC
Explanation:
A change to the storage policy is applied to the objects: When the storage policy for objects changes, it may trigger resynchronization to align the data placement with the new policy requirements.
A host failure occurs in the cluster: If a host within the vSAN cluster fails, vSAN initiates resynchronization to rebuild and repair the impacted objects on other hosts, ensuring data redundancy and availability.

QUESTION 3
A vSAN administrator needs to update vSAN from version 7.0.2 to version 8.0.
Which is the correct order to perform the update?

A. vSphere -> vCenter -> vSAN on-disk format
B. vSphere -> vSAN on-disk format -> vCenter
C. vCenter -> vSphere -> vSAN on-disk format
D. vSAN on-disk format -> vSphere -> vCenter

Answer: C
Explanation:
https://kb.vmware.com/s/article/89745

QUESTION 4
A vSAN administrator is responsible for managing a customer's production vSAN cluster that is going to be used to provide SMB file shares to a number of host clients. The vSAN administrator must take action so the performance of all services in the production vSAN cluster can be monitored.
Which two services must be enabled for this monitoring to occur? (Choose two.)

A. vSAN Performance Diagnostic Service
B. iSCSI Target Service
C. vSAN File Services
D. vSAN Health Service
E. vSAN Performance Service

Answer: DE
Explanation:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vsan-monitoring.doc/GUID-B0A8BF17-E3FB-421A-AC1A-8C1EC27294D5.html#:~:text=You%20can%20use%20the%20vSAN,health%2C%20and%20virtual%20machine%20objects

QUESTION 5
What are two characteristics of a durability component in vSAN? (Choose two.)

A. Better Performance
B. Faster resynchronization
C. Faster snapshot creation
D. Better Storage utilization
E. Better Availability

Answer: BE
Explanation:
https://www.yellow-bricks.com/2021/03/22/vsan-7-0-u2-durability-components/

QUESTION 6
An organization wants to implement a virtual desktop infrastructure (VDI) solution on their vSAN storage. They also need to store their applications running inside the VDI environment on vSAN storage.
Which two end-user computing (EUC) solutions could be implemented to satisfy the requirements of the organization? (Choose two.)

A. App Volumes
B. Workspace ONE Access
C. Horizon
D. Workspace ONE UEM
E. Dynamic Environment Manager

Answer: AC

QUESTION 7
An organization plans to implement a new vSAN 8.0 cluster to take advantage of the new features around improved I/O flow, better resiliency, and more efficient disk usage. The vSAN

ReadyNodes available for the cluster consist of eight NVMe disks.
How should the organization configure the disk layout?

A. Use vSAN OSA and create two disk groups with one cache disk and three capacity disks each
B. Use vSAN ESA and the new Storage pool configuration where all disks contribute to capacity
C. Use vSAN OSA and the new Storage pool configuration where all disks contribute to capacity
D. Use vSAN ESA and create two disk groups with one cache disk and three capacity disks each

Answer: B
Explanation:
https://core.vmware.com/blog/comparing-original-storage-architecture-vsan-8-express-storage-architecture

QUESTION 8
A six-node vSAN ESA cluster contains multiple virtual machines, and a vSAN storage policy with the rule "Failures to tolerate" set to "1 failure - RAID-5 (Erasure Coding)" is assigned. A vSAN administrator has changed the rule in the assigned policy to "2 failures - RAID-6 (Erasure Coding)".
What is the result of this change?

A. No changes occur until the policy is reapplied.
B. The changes are queued for 60 minutes.
C. The policy change is rejected immediately.
D. The updated policy is serially applied to the virtual machines.

Answer: D
Explanation:
The updated policy is serially applied to the virtual machines is the correct answer because changing the rule in the assigned policy will trigger a policy compliance check and a resynchronization of the affected objects. The policy change will not be rejected, queued, or ignored, as it is a valid and supported operation. However, the policy change will not be applied in parallel, as that would cause too much network and disk traffic. Instead, the policy change will be applied one virtual machine at a time, starting with the most critical ones, until all virtual machines are compliant with the new policy.

QUESTION 9
A vSAN administrator has two identical VMware vSAN clusters, one for staging workloads and another for production workloads. Due to an unforeseen capacity requirement, the vSAN administrator is tasked with merging the staging vSAN cluster into the production.
Which three actions should the vSAN administrator perform on the staging cluster prior to moving the vSAN nodes to the production cluster? (Choose three.)

A. Disable vSAN Services
B. Delete all Disk Groups
C. Enable File Services
D. Delete all partitions from the capacity disks
E. Mark the disks for partial reservation
F. Remove all capacity drives

Answer: ABD

QUESTION 10
An administrator is performing maintenance on the hosts in a four-node vSAN cluster and has selected the "Ensure Accessibility" maintenance mode option. All VMs are running with the Default Storage Policy which has not been modified from the default settings.
While one of the hosts in the cluster is down for firmware upgrade, a second host suddenly loses network connectivity to the remaining hosts.
How will the cluster be affected?

A. VMs might experience data loss
B. Cluster will still be fully operational
C. All VMs in the cluster will be inaccessible
D. The backend performance metrics will be lost

Answer: A
Explanation:
Since only "Ensure Accessibility" has been selected VM objects are not rebuilt and could lose more object and get inaccesible。
https://docs.vmware.com/en/VMware-vSphere/8.0/vsan-administration/GUID-521EA4BC-E411-47D4-899A-5E0264469866.html

QUESTION 11
Refer to the exhibit. An administrator uses SSH to log into a vSAN ESA host and runs the esxcli vsan debug object overview command.

Object UUID	Group UUID	Version	Size	Used	SPBM Profile	Healthy Components
49413f63-84bd-6aba-2ba6-0050560659c0	1a413f63-a8d1-fafb-0809-0050560659c0	17	0.12 GB	0.01 GB	vSAN Default Storage Policy	7 of 8
1c413f63-4c1a-73bc-9046-0050560659c0	1a413f63-a8d1-fafb-0809-0050560659c0	17	2.00 GB	0.70 GB	vSAN Default Storage Policy	5 of 8
1a413f63-a8d1-fafb-0809-0050560659c0	1a413f63-a8d1-fafb-0809-0050560659c0	17	255.00 GB	0.05 GB	vSAN Default Storage Policy	4 of 8
cf403f63-eec5-da41-8599-0050560659977	cf403f63-eec5-da41-8599-0050560659977	17	255.00 GB	0.04 GB	vSAN Default Storage Policy	7 of 8
d0403f63-f7af-45cd-1e8a-0050560659977	cf403f63-eec5-da41-8599-0050560659977	17	2.00 GB	0.70 GB	vSAN Default Storage Policy	7 of 8
ef403f63-fe7b-66f0-9d4f-0050560659977	cf403f63-eec5-da41-8599-0050560659977	17	0.12 GB	0.01 GB	vSAN Default Storage Policy	5 of 8
db413f63-4ca4-7882-1b50-0050560659979	db413f63-4ca4-7882-1b50-0050560659979	17	255.00 GB	0.12 GB	vSAN ESA Default Policy - RAID5	8 of 8
dd413f63-e0e3-929d-9b93-0050560659979	db413f63-4ca4-7882-1b50-0050560659979	17	90.00 GB	0.01 GB	vSAN ESA Default Policy - RAID5	5 of 8
e2413f63-4072-62cf-2077-0050560659979	db413f63-4ca4-7882-1b50-0050560659979	17	4.00 GB	0.01 GB	vSAN ESA Default Policy - RAID5	8 of 8
f0403f63-e677-850f-db46-0050560659979	f0403f63-e677-850f-db46-0050560659979	17	255.00 GB	0.05 GB	vSAN Default Storage Policy	7 of 8
0d413f63-8c58-b213-3866-0050560659979	f0403f63-e677-850f-db46-0050560659979	17	0.12 GB	0.01 GB	vSAN Default Storage Policy	4 of 8
f1403f63-365f-559e-8165-0050560659979	f0403f63-e677-850f-db46-0050560659979	17	2.00 GB	0.72 GB	vSAN Default Storage Policy	4 of 8
f4403f63-50e3-85c4-ed42-0050560659b4	f4403f63-50e3-85c4-ed42-0050560659b4	17	255.00 GB	3.54 GB	vSAN Default Storage Policy	5 of 9

The administrator notices the Healthy Components column, the last column, is reporting some components are not in a fully healthy state.
What could cause this behavior?

A. New physical disks have been claimed and a rebalance operation is underway.
B. The applied Storage policy has been updated.
C. New VMDKs have been added to multiple VMs, but the storage policy has not finished applying.
D. One host is in maintenance mode with ensure accessibility.

Answer: D
Explanation:
https://www.youtube.com/watch?v=3Q7H-koHngE

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