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QUESTION 13
As part of a security strategy for data, a company has elected to migrate to a new KMS system. Existing vSAN clusters are configured for Data At Rest Encryption. Considering the scenario, which statement is true?

A. Full data evacuation will be required to use the new KMS system.
B. Existing unencrypted datastores can be encrypted without data migration.
C. Existing encrypted vSAN Clusters will need to be decrypted to use the new KMS system.
D. Keys from the new KMS system can be applied without any data movement.

Answer: C

QUESTION 14
An administrator is planning to upgrade from vSAN 6.6 to a newer version. Which is recommended for this upgrade?

A. vSAN VASA Providers must be changed to be internally managed prior to the upgrade.
B. Perform a rolling upgrade of the hosts via vSphere Update Manager after upgrading vCenter.
C. Certificates used by VASA must be upgraded on vSphere prior to the upgrade.
D. From the command line, turn multicast off in order to migrate to unicast mode.

Answer: B

QUESTION 15
An architect has been asked to plan the Impact of a storage policy change to one of the production All-Flash based vSAN datastores. The change will reduce the failures to tolerate value from 2 to 1 for objects with a RAID-1 (Mirroring) layout in the existing policy. This change will be applied to multiple VMs.
Which statement is correct in this scenario?

A. There will be no objects rebuilt that impact performance.
B. FTT-2 requires another change to apply a RAID-6 configuration.
C. The policy will need to be recreated and applied with an additional tag.
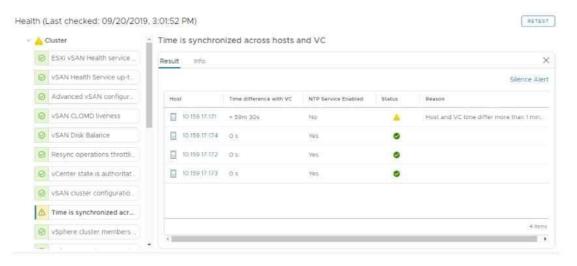D. There will be an object rebuild impact on performance.

Answer: A

QUESTION 16
Reference the exhibit. Which two statements are accurate considering the state shown In the exhibit? (Choose two.)

A. The problematic host should be configured to start NTP automatically and connect to the same NTP server as other hosts.
B. This vSAN cluster may exhibit signs of a network partition.
C. This vSAN cluster may experience problems with vSAN performance statistics retrieval.
D. The problematic host will experience erratic 10 performance If NTP settings are not corrected.
E. The problematic host will partition thus loosing connectivity from the vSAN cluster.

Answer: CD

QUESTION 17
A vSAN all-flash environment with these host specifications has reported high network latency, write latency, and faces degraded performance:
One 1Gbps (vSAN, vMotion Traffic)
One 1Gbps (Management, Fault Tolerance traffic)
Based on the specifications of each host, what is recommended to resolve the issue?

A. collapse all traffic into one 1Gbps NIC
B. collapse all traffic shared under two 10Gbps NICs
C. change stripe width to 12
D. change MTU to 9000

Answer: B

QUESTION 18
Where would an administrator enable deduplication and compression in a vSAN environment?

A. at the cluster level under vSAN services
B. at the object level using storage policies
C. at the host level using ESXCLI commands
D. at the disk group level

Answer: B

QUESTION 19
What are two purposes of a vSAN storage policy? (Choose two.)

A. Determine how storage objects are provisioned
B. Determine vSAN encryption level
C. Guarantee the required level of service

D. Enable deduplication and compression
E. Enable TRIM/UNMAP

Answer: AC

QUESTION 20
End-users are complaining that an application running on an all-flash vSAN datastore is not performing well.
Which performance chart should an administrator view to troubleshoot this issue?

A. Recovery Write IOPS
B. Resync Latency
C. Read Cache Read IOPS
D. Write Buffer Free Percentage

Answer: C

QUESTION 21
A vSAN administrator is designing a new all-flash vSAN cluster. The cluster will host read intensive applications.
Which factor should be included in the design to improve read performance?

A. Multiple disk groups
B. Large capacity disks
C. Large cache disks
D. Large controller cache

Answer: B

QUESTION 22
What is a supported use of the vSAN iSCSI target service?

A. To provision storage as a VM RAW Device Mapping
B. To provision storage for third-party hypervisors
C. To provision storage for an ESXi host
D. To provision storage for an Oracle RAC cluster

Answer: D

QUESTION 23
A company has a new production wide requirement to use Data At Rest Encryption for compliance reasons. An
administrator is evaluating the impact of making this change to the vSAN datastores in production.
Which two statements are true when enabling Data At Rest Encryption on an existing vSAN datastore? (Choose two.)

A. The vSAN storage policies must be modified to enable vSAN Data At Rest Encryption.
B. Only metadata changes will occur and there will be no data evacuation.
C. The process can be scheduled to start at a later time.
D. The raw capacity of the vSAN datastore will be temporarily reduced while encryption is
    occurring.
E. The encryption process will start immediately.

Answer: AD

QUESTION 24
A vSAN administrator is changing the number of stripes in the vSAN policy from 1 to 2 on a 3-node vSAN Cluster. What
is a possible impact of this policy change?

A. Stripes will be placed on separate media, but does not guarantee separate hosts or disk

groups.
B. Policy cannot be applied as the cluster does not meet the minimum number of fault domains.
C. The amount of raw capacity required to comply with this policy will double.
D. The amount of raw capacity required to comply with this policy will decrease by half.

Answer: D

QUESTION 25
Which two must be considered when creating a vSAN solution that will utilize VMware vSphere Replication? (Choose two.)

A. vSAN Encryption cannot be used with vSphere Replication.
B. AES-NI must be enabled prior to using snapshots for replication,
C. Deduplication and compression must be disabled for PIT snapshots,
D. Point-in-time snapshots count towards component limit.
E. Additional read I/O will be generated by vSphere Replication.

Answer: AC