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QUESTION NO: 1

Which two statements regarding networking are true for a vSAN Stretched Cluster? (Choose two.)

A. A 5ms RTT or less is required between the data sites.

B. The vSAN data network must communicate with the vSAN witness host.

C. PIM is required for stretched vSAN clusters.

D. A Stretched Cluster can use Layer 2 or Layer 3 communication for the vSAN network.

E. A Stretched Layer 2 network is required at the vSAN data sites and at the witness site.

ANSWER: A D

QUESTION NO: 2

The Cloud Native Storage control plane in vSphere allows an administrator to provision storage directly from which cloud technology?

A. Kubernetes Clusters

B. vRealize Automation

C. Docker nodes

D. AWS EC2 instances

ANSWER: A

QUESTION NO: 3

A customer environment includes:

• 4-node vSAN cluster

• 5 SQL servers with an OS virtual disk and database virtual disk

• Current policy uses the vSAN Default Storage policy

A vSAN administrator has created a new policy with fault tolerance method of Erasure Coding with Failures to tolerate equal to 1. The administrator will apply this new policy to the OS disk only.

Considering this scenario, which two statements are true? (Choose two.)

A. vSAN policies can only be applied to entire VMs.

B. The policy can't be applied as there are not enough nodes to comply with the policy.

C. The object tree will have to be rebuilt when the policy is applied.

D. The policy will result is size reduction and only will require 1.5x space instead of 2x.

E. This policy will require additional transitional space, until all objects are recreated.

ANSWER: C E

QUESTION NO: 4

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 NO: 5

Which three should be taken into consideration when configuring a Stretched Cluster? (Choose three.)

A. bandwidth between sites

B. geographical distance

C. number of objects

D. vSphere version

E. latency between sites

QUESTION NO: 6

Refer to the exhibit:

Enter Maintenance Mode   ✕

This host is in a vSAN cluster. Once the host is in maintenance mode, it cannot access the vSAN datastore and the state of any virtual machines on the datastore. No virtual machines can be provisioned on this host while in maintenance mode. You must either power off or migrate the virtual machines from the host manually.

☑ Move powered-off and suspended virtual machines to other hosts in the cluster

vSAN data migration   Full data migration ⌄   ⓘ

There are three hosts in a vSAN cluster. All virtual machines in the cluster are assigned a storage policy with failures to tolerate set to 1 failure - RAID-1 (Mirroring). What is the result of placing a host in maintenance mode using the options shown in the image?

A. The host will not enter maintenance mode. A general vSAN error is reported.

B. The host will enter maintenance mode. A reduced redundancy warning is displayed.

C. The host will enter maintenance mode. All powered-off and suspended VMs are migrated to other hosts.

D. The host will not enter maintenance mode. The administrator is prompted to select a different data migration option.

QUESTION NO: 7

An administrator needs to perform an urgent maintenance activity on a host that is part of a 3-node vSAN cluster. All the disk groups in the cluster are balanced. They need to choose a maintenance mode option to ensure:

•There is no downtime to any of the virtual machines running in the cluster

•Virtual Machine accessibility is maintained

•No data is left on the host that could possibly cause data loss

Which statement is true if the administrator chooses 'Ensure accessibility' as the maintenance mode option?

A. All VMs and data on host will be migrated to ensure that there is no data loss.

B. Only VMs will be migrated with vMotion and no data migration will occur.

C. Data Migration is minimized even if VM becomes non-compliant with its storage policy.

D. All data on the host going into maintenance mode will be evacuated.

ANSWER: C

QUESTION NO: 8

An architect is designing network high availability for a new vSAN Cluster. Which is a supported configuration for this design?

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A. Use LACP on the distributed switch with a route based on IP hash algorithm.

B. Create multiple VMkernel adapters on the same subnet for vSAN.

C. Configure multicast to use two separate network interfaces for vSAN traffic.

D. Create an additional TCP/IP stack within the cluster and specify vSAN type.

ANSWER: C

QUESTION NO: 9

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: A D

QUESTION NO: 10

A storage administrator working for a large enterprise is consolidating multiple locations into 2 data centers running on a new HCI platform. vSphere Replication has been used with vSAN to migrate a large amount of data between two separate locations with high latency links. The administrator has been asked to plan the VM migration using vSphere Replication failover. The plan will involve stopping replication, failing the workloads over to the second site, and preparing for the next migration of VMs.

Which two statements are correct in this scenario? (Choose two.)

A. There will be a post migration task to manually cleanup vSAN namespaces at the target data store.

B. VMware Site Recovery Manager is required to perform the failover.

C. When using vSphere Replication and vSAN, only virtual machines that are powered on are automatically replicated.

D. vSphere Replication will automatically run a post-failover clean up task following replication being stopped.

E. vSphere replication does not add additional load to the Storage solution.

ANSWER: D E