

➤ **Vendor: VMware**

➤ **Exam Code: 5V0-21.20**

➤ **Exam Name: VMware HCI Master Specialist**

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QUESTION 26

A vSAN disk group contains one cache drive and four capacity drives. A drive that belongs to this disk group has failed. The entire disk group containing the failed drive is offline. What are two possible reasons the entire disk group is offline? (Choose two.)

- A. Deduplication and compression is enabled on the cluster.
- B. RAID-5/6 (Erasure Coding) is one of the failure tolerance methods in use.
- C. Two capacity drives in the disk group are offline.
- D. The failed drive is configured as a cache drive for the disk group.
- E. Data-at-rest encryption is enabled for the disk group.

Answer: BC

QUESTION 27

A vSAN administrator wants to implement end-to-end prioritization of vSAN traffic across the network in a shared network infrastructure that is using vSphere Distributed Switches (VDS). Which two can help achieve this objective. (Choose two.)

- A. Configure multiple vSAN VMkernel interfaces to load balance across multiple uplinks.
- B. Enable jumbo frames for vSAN VMkernel ports and configure LACP for optimal load balancing.
- C. Enable network resource pool at the VDS level to prioritize vSAN traffic.
- D. Configure CoS or DSCP with high priority tag at the VDS and equivalent in the physical network.
- E. Enable Network I/O Control and allocate higher shares for vSAN traffic.

Answer: AD

QUESTION 28

Which should be verified before enabling deduplication and compression?

- A. Ensure disk groups are balanced.
- B. Adequate space is available.
- C. Autoclaim mode is enabled.
- D. All hosts are in maintenance mode.

Answer: C

QUESTION 29

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

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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: DE

QUESTION 30

Which is true about vSAN fault domains?

- A. A vSAN Stretched cluster has two primary fault domains.
- B. A vSAN Stretched Cluster has three primary fault domains.
- C. A vSAN Standard Cluster cannot be configured with fewer than 3 fault domains.
- D. A 2-node vSAN Cluster has two primary fault domains.

Answer: A

QUESTION 31

A vSAN administrator is building a new vSAN cluster and each host only has two physical uplinks configured in a team. What can the administrator use to ensure vSAN receives the necessary bandwidth while maintaining high availability?

- A. Route based on IP hash
- B. A dedicated uplink for vSAN traffic
- C. Shared uplinks for all traffic
- D. Network I/O control

Answer: D

QUESTION 32

What is the minimum recovery point objective (RPO) that can be achieved using vSphere Replication with vSAN?

- A. 5 minutes
- B. 15 minutes
- C. 30 minutes
- D. 60 minutes

Answer: A

QUESTION 33

A vSAN Witness has connectivity to a vSAN cluster with supported maximum latency of 500 milliseconds round-trip time (RTT).

Which vSAN cluster type is the vSAN Witness a member of?

- A. vSAN stretched cluster with 4 nodes in each site
- B. vSAN 2-node direct connected cluster
- C. 4-node vSAN cluster using erasure coding
- D. 16-node vSAN cluster with nested fault domains

Answer: B

QUESTION 34

An administrator is implementing deduplication and compression on a vSAN all-flash cluster.

- There are 4 nodes in the vSAN cluster
- Existing VMs use a RAID-5 storage policy

How can deduplication and compression be enabled while permitting the VMs to remain operational?

- A. Enable vSAN datastore and encryption.
- B. Use explicit fault domains.
- C. Use the Allow Reduced Redundancy option.
- D. Enable TRIM/UNMAP.

Answer: A

QUESTION 35

Which resource provides information about vSAN compatibility with other VMware products?

- A. VMware Product Interoperability Matrices
- B. vSAN Sizing Guide
- C. vSAN Ready Node Configurator
- D. vSAN Compatibility Guide

Answer: D

QUESTION 36

A company has reserved the last Saturday of the month to conduct server maintenance. An administrator is allowed to perform maintenance from 5 AM to 12 PM. During the upcoming maintenance window, the administrator will upgrade the controller driver, controller firmware, and vSphere version.

Environment details:

- vCenter is already at the latest version
- 5 node vSAN cluster
- The VMs are using a mix of RAID-0, RAID-1, and RAID-5 policies
- Each node is storing 20 TBs worth of VMs

Which maintenance mode option will allow an administrator to successfully perform the required upgrades, while ensuring all VMs remain online?

- A. Full data migration
- B. No Data Migration
- C. Ensure Accessibility
- D. Admission Control Enabled

Answer: B

QUESTION 37

An administrator would like to put a vSAN host in an existing vSAN Cluster in maintenance mode. vMotion is configured and DRS is set to Fully Automated and all other advanced settings are their defaults.

The administrator uses this PowerCLI command:

Set-VMHost -VMHost "esxi-loat01.corp.local" -State "Maintenance" What is the default behavior?

- A. Virtual machines will be live migrated to another host not in maintenance mode and storage objects will be migrated if it is required to be accessible.
- B. Virtual machines will be live migrated and all storage objects residing on this host will migrate to another host that is not in maintenance mode.
- C. Virtual machines will be live migrated to another host not in maintenance mode and storage objects will not migrate regardless of policy and state.
- D. Virtual machines will not be live migrated to another host not in maintenance mode and

storage objects will be migrated if it is required to be accessible.

Answer: C

QUESTION 38

An administrator wants to orchestrate the update of the controller driver and firmware in a vSAN cluster. Which is a required step when using VMware vSphere Update Manager and vSAN Health Service to perform the updates?

- A. Install a vendor tool for the controller.
- B. Upload an OEM provided vSphere ISO.
- C. Manually create a vSAN system baseline.
- D. Ensure all controllers are in pass-through mode.

Answer: D