

VMware.5V0-21.20.v2021-06-10.q26

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NEW QUESTION: 1

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-heat01.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 not migrate regardless of policy and state.
- B. 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.
- C. 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.
- D. 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.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 2

Which Kubernetes information is exposed in the vSphere Client to help a vSAN administrator filter Container Volumes based on their usage?

- A. Pod name
- B. Labels
- C. StorageClass
- D. StatefulSet

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 3

A solution architect is considering a vSAN Cluster with two hosts per rack. The design should be configured to minimize the potential exposure to rack failure with the capacity to automatically restore compliance with the configured vSAN storage policy.

Which design consideration would minimize potential risks?

- A. Create four fault domains and failures to tolerate set to one with Erasure Coding.
- B. Create four fault domains and failures to tolerate set to two with Erasure Coding.
- C. Create four fault domains and failures to tolerate set to one with mirroring.
- D. Create four fault domains and failures to tolerate set to two with mirroring.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 4

What is the correct power down sequence for shutting down all nodes in a vSAN cluster with vCenter on the vSAN datastore?

(Place the first selection in the sequence at the top of the list, followed by the second, and so on until the last selection is at the bottom of the list.)

Step

- Power off each host.
- Wait for objects to finish resyncing.
- Power off the VCSA.
- Place each host in maintenance mode using no data migration via the host client.
- Power off the VMs excluding the vCenter.

Step

Answer:

Step

- Power off each host.
- Wait for objects to finish resyncing.
- Power off the VCSA.
- Place each host in maintenance mode using no data migration via the host client.
- Power off the VMs excluding the vCenter.

Step

- Power off the VMs excluding the vCenter.
- Wait for objects to finish resyncing.
- Place each host in maintenance mode using no data migration via the host client.
- Power off the VCSA.
- Power off each host.

- Power off the VMs excluding the vCenter.
- Wait for objects to finish resyncing.
- Place each host in maintenance mode using no data migration via the host client.
- Power off the VCSA.
- Power off each host.

NEW QUESTION: 5

An administrator arrives at work and begins their morning checks on a four node, all-flash vSAN Cluster.

They notice the vSAN datastore reached 99% capacity due to a single node failure.

How can the administrator provide temporary relief?

- A. change FTT=1 with RAID-5 (Erasure coding) to FTT=0 No data redundancy
- B. change FTT=1 with RAID-1 (Mirroring) to FTT=0 No data redundancy
- C. change FTT=1 with RAID-5 (Erasure coding) to FTT=1 with RAID-1 (Mirroring)
- D. change FTT=1 with RAID-1 (Mirroring) to FTT=1 with RAID-5 (Erasure coding)

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 6

An infrastructure architect is submitting a proposal for a vSAN Cluster. These are the customer's requirements:

*Maximize the amount of usable capacity.

*Deduplication and compression will be enabled to help maximize usable capacity.

Which disk group configuration should the architect include in their design?

- A. Three disk groups with one flash device for cache and two flash devices for capacity per disk group.
- B. One disk group with one flash device for cache and six magnetic devices for capacity.
- C. Five disk groups with one flash device for cache and one magnetic device for capacity per disk group.
- D. One disk group with one flash device for cache and six flash devices for capacity.

Answer: (SHOW ANSWER)

NEW QUESTION: 7

An administrator observes this health check warning:

Controller firmware is VMware certified

They proceed to update the latest firmware on the Storage Controller. After a successful firmware upgrade, the same health check alert continues to display.

Which statement is true?

- A. Controller is not VMware certified and hence any firmware version displays a warning.
- B. The VMware vSAN Health Service needs to be restarted for changes to take effect.
- C. The recently installed firmware is yet to be certified and included in VMware Compatibility Guide.
- D. The alert can be ignored and silenced, since the firmware is newer than the recommended firmware.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 8

An infrastructure architect is designing a vSAN Cluster that must satisfy these requirements:

- * support storage policies with 2 failures - RAID-1 (Mirroring)
- * support storage policies with 2 failures - RAID-6 (Erasure Coding)

virtual machines must maintain compliance with the storage policy rules above when one host is in maintenance mode with full data migration What is the minimum number of hosts needed to achieve these design requirements?

- A. 6
- B. 7
- C. 5
- D. 8

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 9

An All-Flash vSAN cluster has 4-nodes with this disk group composition on each host:

- * 1 x 800 GB SAS SSD
- * 6 x 3.84 TB SATA SSD

An administrator observes that in an All-Flash cluster, the Write Buffer Free Percentage is consistently low. As a result there is increased latency experienced by the workloads.

Which remediation steps will resolve this issue?

- A. Replace the existing cache device with a larger cache device.
- B. Add a second disk group with a new cache device and distribute the capacity disks equally.
- C. Modify advanced vSAN configuration parameters to utilize the complete 800 GB for caching.
- D. Add a second cache device to the same disk group to increase the caching size.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 10

An administrator is patching a production Stretched Cluster using VMware Update Manager.

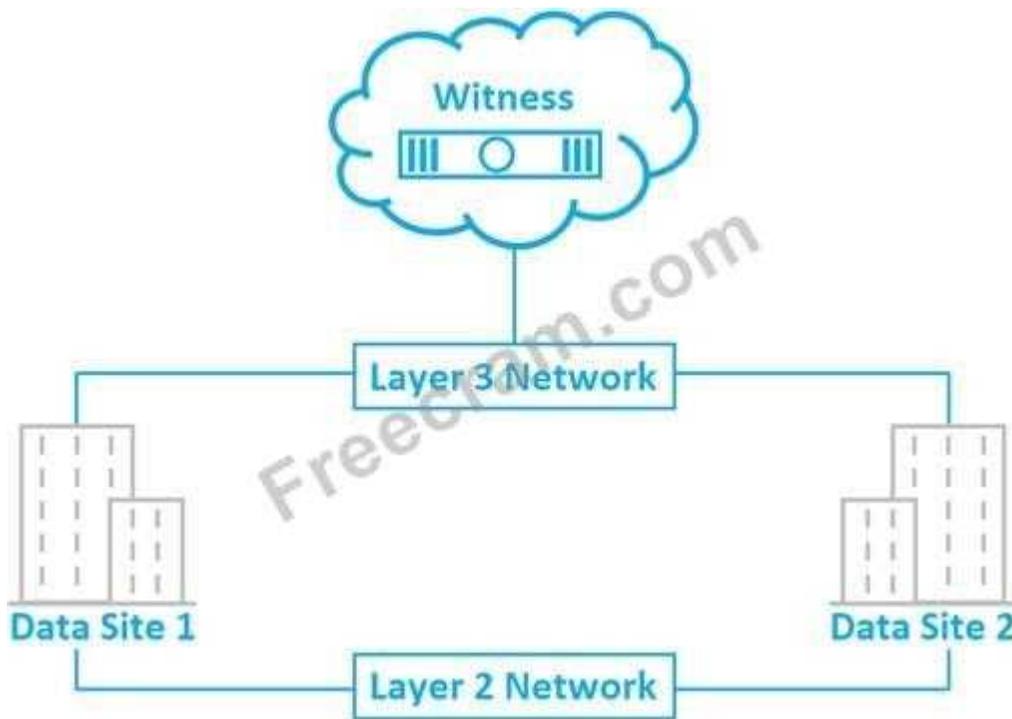
Which statement is accurate?

- A. The witness host must be deleted and a new witness host must be deployed.
- B. The witness hosts can be patched using normal patch processes with VMware Update Manager.
- C. Witness hosts cannot be patched or upgraded using VMware Update Manager.
- D. The witness host does not need to be upgraded as there is no data on the node, just metadata.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 11

Refer to the exhibit.



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A vSAN Cluster stretched across Data Site 1 and Data Site 2 has a vSAN data network configured with an MTU of 9000. The witness node has been placed in a remote site across a WAN with an MTU of 1500. The vSAN health check, 'vSAN: MTU check (ping with large packet size)', reports a failed ping.

What two actions could resolve the issue? (Choose two.)

- A. Reconfigure the VLAN of the witness traffic to be identical to data nodes.
- B. Stretch L2 traffic from WAN to both data sites.
- C. Reconfigure WAN link to support an MTU of 9000.
- D. Configure proper routing from data sites to the witness across the WAN.
- E. Reduce the MTU from 9000 to 1500 on all vSAN VMkernel interfaces.

Answer: C,E (LEAVE A REPLY)

NEW QUESTION: 12

A customer has lost connectivity to one of their sites in a vSAN Stretched Cluster.

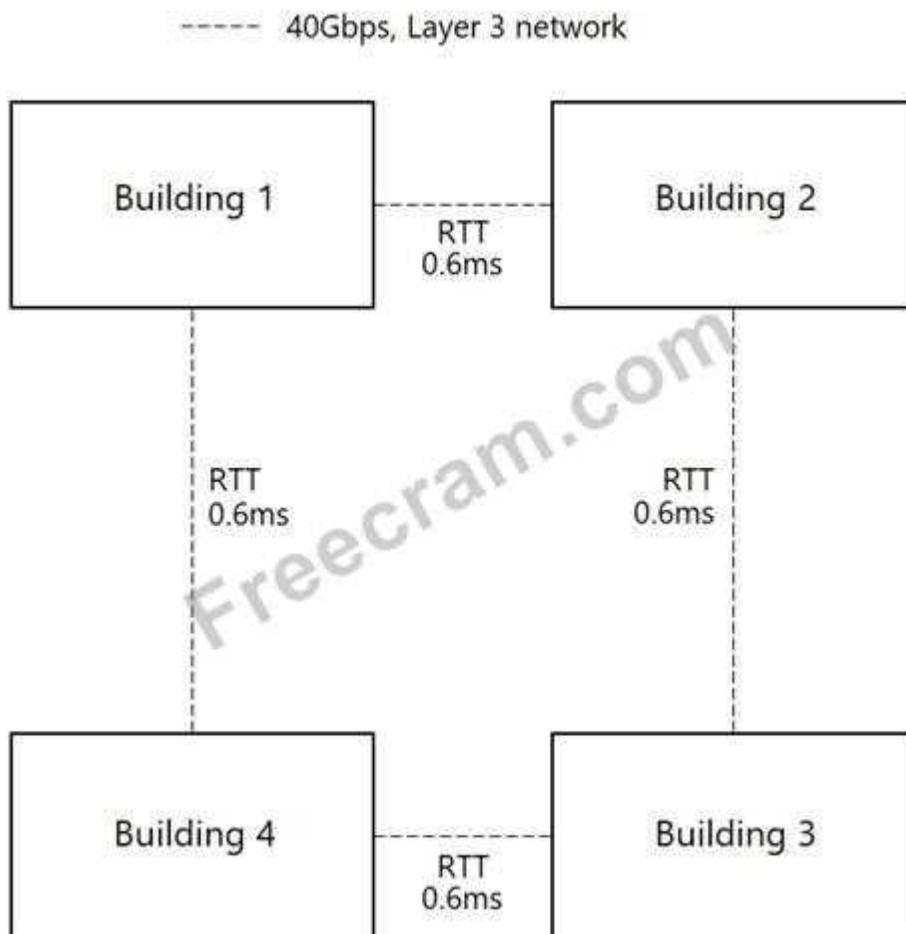
When connectivity is restored, what DRS setting will ensure VMs are not migrated back before resyncs are complete?

- A. DRS turned off
- B. DRS configured in Fully Automated mode
- C. DRS configured in Manual Mode
- D. DRS configured in Partially Automated mode

Answer: C (LEAVE A REPLY)

NEW QUESTION: 13

Reference the exhibit.



A university campus has a site topology illustrated in the exhibit. Adjacent connected buildings are connected with a single 40gb layer 3 network with a RTT of 0.6ms as depicted by each line. An architect wants to configure a fault domain in each building.

What would the architect need change in order to implement a fully supported vSAN Cluster?

- A. Enable a single Layer 2 network across all buildings for vSAN connectivity.
- B. Decrease the existing RTT between the existing links by 0.1ms or more.
- C. Enable IPv6 networks across all buildings for vSAN connectivity.
- D. Add an additional link to the existing adjacent links to make it redundant.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 14

Which must be configured by a Kubernetes user allow for dynamic provisioning of container volumes in vSAN using storage policies?

- A. StorageClass
- B. ReplicaSet
- C. ReplicationController
- D. Pod

Answer: A (LEAVE A REPLY)

NEW QUESTION: 15

What are two factors to consider prior to placing a vSAN node into Maintenance Mode with full data migration? (Choose two.)

- A. vSAN node must be removed from the cluster.
- B. VMs registered to the host must be powered off.
- C. Sufficient vSAN free storage capacity must exist.
- D. vSAN must be disabled from command line on the host.
- E. Number of fault domains required to satisfy storage policies.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 16

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

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 17

Which must be configured by a Kubernetes user to allow for dynamic provisioning of container volumes in vSAN using storage policies?

- A. ReplicaSet
- B. StorageClass
- C. Pod
- D. ReplicationController

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 18

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. FTT-2 requires another change to apply a RAID-6 configuration.

- B. There will be an object rebuild impact on performance.
- C. There will be no objects rebuilt that impact performance.
- D. The policy will need to be recreated and applied with an additional tag.

Answer: **B** ([LEAVE A REPLY](#))

NEW QUESTION: 19

Refer to the exhibit.

Overview

Object repair timer: 60 minutes ⓘ

This section is automatically refreshed every 10 seconds.

RESYNC THROTTLING

> Total resyncing objects	0
> Bytes left to resync	0.00 B
> Total resyncing ETA	0 seconds
> Scheduled resyncing	767 objects

An administrator is managing a 4-node, hybrid vSAN cluster. One of the hosts in the cluster went offline.

Referencing the information displayed in the section of the vSAN UI, what is the current state of this cluster?

- A. Resync Throttling has caused data resynchronization scheduling.
- B. Metadata resynchronization is scheduled to occur every 60 minutes.
- C. Objects will be resynchronized when the Object Repair Timer expires.
- D. Offline host reconnected to the cluster and all objects are synchronized.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 20

Which storage policy can be assigned to virtual machines in a 5-node, all flash vSAN cluster, to provide the highest level of redundancy?

- A. 2 failures - RAID-1 (Mirroring)
- B. 1 failure - RAID-5 (Erasure Coding)
- C. 3 failures - RAID-1 (Mirroring)
- D. 2 failures - RAID-6 (Erasure Coding)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 21

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

A 3-node All-Flash vSAN cluster has this configuration:

* One disk group per host

* All disk groups have identical make & model disks of an 800GB NVMe SSD cache and 2x 4TB SAS SSDs each An administrator has been tasked with expanding storage capacity by adding one additional disk group with this configuration:

1.6TB SAS SSD cache and 1x 4TB SAS SSDs

Assuming all the disks are compliant with the vSAN HCL, which is true?

- A.** The additional disk group will generate an 'Advanced vSAN Configuration in sync' health check warning.
- B.** The additional disk group would work and be fully supported by VMware support.
- C.** The additional disk group would make this cluster an unsupported configuration.
- D.** The additional disk group would not be possible as vSAN would not allow it.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 23

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 24

Which is true of the vSAN iSCSI target service?

- A.** It is a VMware supported cost effective way to provide shared storage to another hypervisor.
- B.** The vSAN default storage policy determines the characteristics of the vSAN iSCSI target service storage objects.
- C.** It is a VMware supported solution to provide iSCSI targets to applications that require multiple connections per session (MCS).
- D.** Security is provided through the iSCSI CHAP & Mutual CHAP Authentication methods.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 25

A higher level of resiliency has been requested for an existing vSAN Stretched Cluster. A key requirement will be the addition of a third site to protect against a potential double site failure of the two mirrored sites in the stretched cluster.

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What solution would meet the resiliency requirement?

- A. Replicate to the third site at the VM level using vSphere Replication.
- B. Replicate to the third site at the vSAN datastore level using Site Recovery Manager.
- C. Configure vSAN Stretched Cluster with FTT=2 to replicate to the third site.
- D. Add the third site to the existing vSAN Stretched Cluster.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26

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. Data Migration is minimized even if VM becomes non-compliant with its storage policy.
- C. Only VMs will be migrated with vMotion and no data migration will occur.
- D. All data on the host going into maintenance mode will be evacuated.

Answer: B ([LEAVE A REPLY](#))

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