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VMware vSAN 6.7 Specialist Exam 2019

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QUESTION 1

What is the maximum network latency round-trip time (RTT) requirement for vSAN stretched clusters from data site to data site?

A. 5ms

B. 10ms

C. 100ms

D. 200ms

Correct Answer: A

VMware requires a maximum latency of no more than 5 ms RTT (Round-Trip Time) between data sites and no more than 200 ms RTT between data sites and the witness host. Reference: https:// download3.vmware.com/vcat/vmw-vcloud-architecture-toolkit-spv1-webworks/index.html#page/Storage%20and%20Availability/Architecting%20VMware%20vSAN%206.2/Architecting%20Virtual%20SAN%206.2.2.101.html

QUESTION 2

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

Correct Answer: B

Reference: https://book.akij.net/eBooks/2018/March/5ab76ee97f532/SAnet.cd.EssentialVirtualSAN (VSAN).pdf (56)

QUESTION 3

A vSAN cluster has this configuration: -4 hosts with 1 disk group per host -Each disk group contains 1 cache device and 7 capacity devices

What are two ways to increase the vSAN datastore storage capacity? (Choose two.)

A. Add a host to the cluster

B. Add a cache device to each disk group

C. Add a capacity drive to each disk group

D. Replace a cache device with a larger cache device

E. Add a disk group to each host

Correct Answer: AE

QUESTION 4

Refer to the exhibit.

ⓘ vSAN online health alarm 'vSAN Critical Alert – Patch available for critical vSAN issue'

A vSAN cluster has recently prompted an online health alarm.

What can the system administrator do to resolve the issue?

A. Disable Customer Experience Improvement Program feature.

B. Upgrade the ESXi host.

C. Suppress warning on the alarm.

D. Move VMs on affected host to other host(s).

Correct Answer: B

QUESTION 5

A virtual machine is unable to access one of its virtual disks.

Which vSAN Health check should an administrator view to troubleshoot the issue?

A. Data > vSAN Object Health

B. Cluster > vSAN CLOMD Liveness

C. Cluster > Disk Format Version

D. Limits > vSAN Component Limit

Correct Answer: A

QUESTION 6

What is the formula for determining the minimum number of vSAN hosts in a cluster necessary to support a Failures To Tolerate (FTT) policy, where FTT=n?

A. n+1

B. n+2

C. 2n+1

D. 2n+2

Correct Answer: C

To tolerate n failures, you need 2n + 1 ESXi host in the vSAN cluster. Reference:
https://searchvmware.techtarget.com/answer/How-can-a-VM-storage-policy-improve-vSANcluster-redundancy

QUESTION 7

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

Correct Answer: AC

Reference: http://www.vmwarearena.com/understanding-vmware-virtual-san-storage-policies-detailedview/
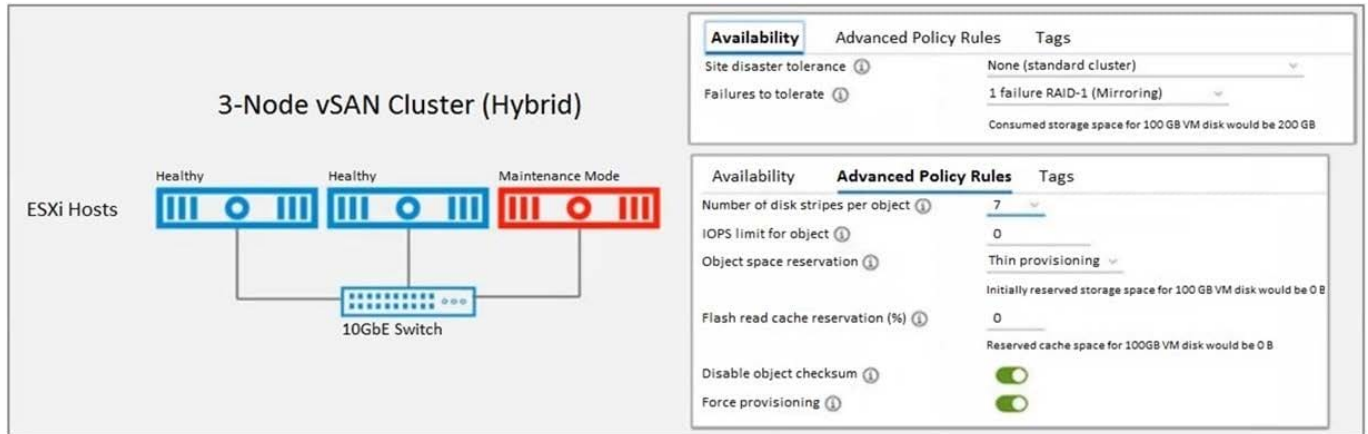
QUESTION 8

When should an administrator enable Resynchronization Throttling?

A. when a host fails to exit maintenance mode

B. when vSAN host CPU utilization is above 80%

C. when directed by VMware Global Support Services

D. when vSAN datastore free space is less than 20%

Correct Answer: B

QUESTION 9

Refer to the exhibit.

A storage policy has been created for the 3-node vSAN cluster in the exhibit. A VM is deployed using this policy.

What is the expected behavior?

A. VM will be deployed but remain non-compliant.

B. VM will be deployed and is reported compliant.

C. Force provisioning will be turned off automatically.

D. VM deployment fails.

Correct Answer: A

QUESTION 10

An administrator creates a storage policy with Failures To Tolerate (FTT) of two and RAID-6 erasure

coding.

Which cluster configuration with a vSAN datastore is compatible with the storage policy?

A. 6-node hybrid

B. 7-node all-flash

C. 5-node all-flash

D. 4-node hybrid

Correct Answer: B

QUESTION 11

The objects on a 4-node vSAN cluster are assigned a RAID-5 policy. A network outage occurs causing

host one to lose connectivity with the rest of the cluster. Seventy-five minutes elapse.
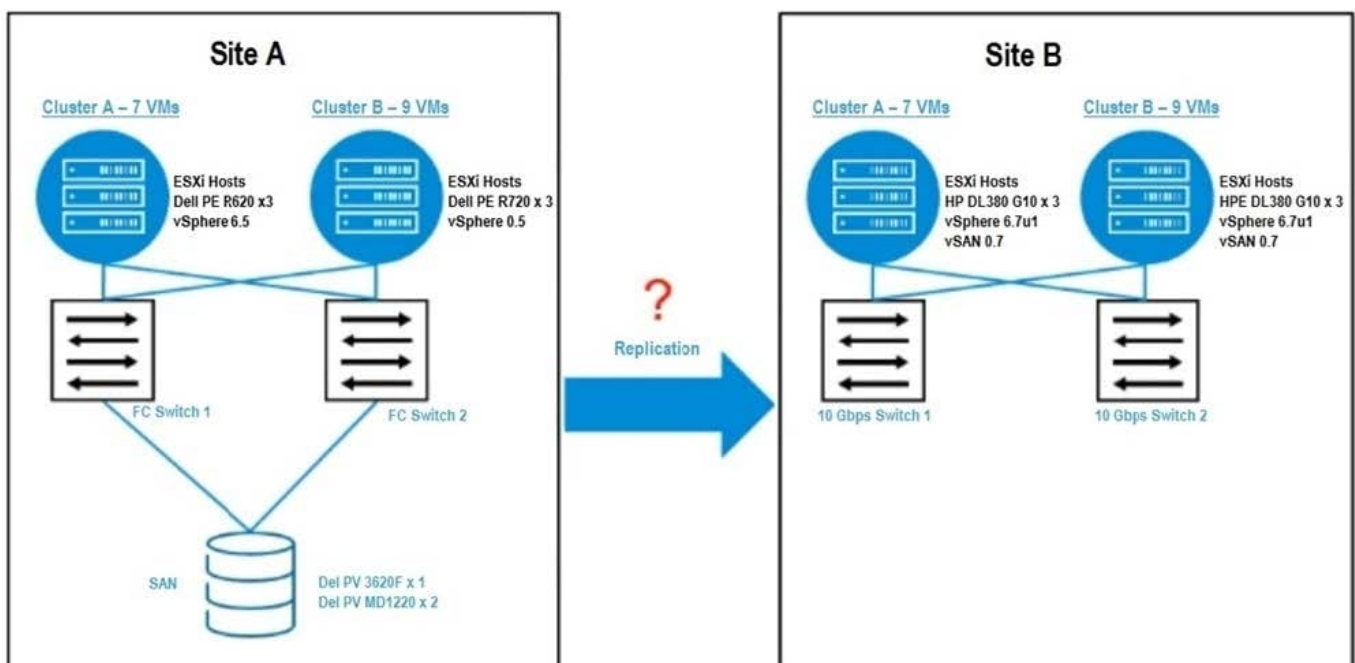
What is the health state of the objects?

A. Reduced availability with no rebuild

B. Reduced availability with no rebuild ?delay timer

C. Non-availability related incompliance [non-compliance]

D. Reduced availability

Correct Answer: D

QUESTION 12

Refer to the red question mark in the exhibit.

Which VMware solution provides automated interoperability to failover and re-protect VMs from Site A to Site B, and Site B to Site A?

A. vSphere Integrated Containers

B. NSX SD-WAN by VeloCloud

C. vRealize Operations

D. Site Recovery Manager

Correct Answer: D

To fail back from site B to site A (after failover from site A to site B), Site Recovery Manager licenses are required for the "re-protected" virtual machines at Site B. The "per virtual machine" licenses originally used at site A can be used at site B for this purpose, as long as the licenses are no longer in use at site A

Reference: http://media.zones.com/images/pdf/vmware-site-recovery-manager-faq.pdf

QUESTION 13

What are two recommended reasons for configuring a cluster with at least one node in addition to the minimum required number? (Choose two.)

A. To ensure object accessibility

B. To support the use of RAID-6

C. To provide more flexible storage policy options

D. To provide full protection during maintenance mode operations

E. To support data at rest encryption on vSAN hybrid clusters

Correct Answer: CD

Reference: https://blogs.vmware.com/virtualblocks/2018/05/24/vsan-deployment-considerations/

QUESTION 14

A 3-node vSAN cluster will take which two actions, when a drive is physically removed from a vSAN node? (Choose two.)

A. Marks all components on that device as absent

B. Marks all components on that device as degraded

C. Waits for the configured delay timer before rebuild

D. Marks all components on that device as stale

E. Starts component rebuild immediately

Correct Answer: AC

Reference: https://storagehub.vmware.com/t/vmware-vsan/vsan-6-7-proof-of-concept-guide/disk-failures-9/

QUESTION 15

A storage policy has these rules:

Site disaster tolerance: None - standard cluster

Failures To Tolerance: 2 failures - RAID-1 (Mirroring)

What is the minimum number of hosts required to comply with this storage policy?

A. 3

B. 4

C. 5

D. 6

Correct Answer: A

Reference: https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vsphere.vmc-aws-manage-data-center.doc/GUID-EDBB551B-51B0-421B-9C44-6ECB66ED660B.html

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