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QUESTION 1

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 recently installed firmware is yet to be certified and included in VMware Compatibility Guide.

C. The VMware vSAN Health Service needs to be restarted for changes to take effect.

D. The alert can be ignored and silenced, since the firmware is newer than the recommended firmware.

Correct Answer: B

Reference: https://kb.vmware.com/s/article/2150398

QUESTION 2

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

1 × 800 GB SAS SSD

6 × 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. Add a second disk group with a new cache device and distribute the capacity disks equally.

B. Add a second cache device to the same disk group to increase the caching size.

C. Modify advanced vSAN configuration parameters to utilize the complete 800 GB for caching.

D. Replace the existing cache device with a larger cache device.

Correct Answer: C

QUESTION 3

The clomd service has stopped on 1 host in a 3-node vSAN cluster. All other services on the host, as well as the other

2, are healthy. Additionally, the unmodified vSAN Default Storage Policy is in use. Which would be an expected outcome for a new VM deployed into the vSAN cluster?

A. VM deployment will fail.

B. VM deployment will complete but VM IO will fail.

C. VM deployment will complete but performance will be degraded.

D. VM deployment will be deferred by vCenter.

Correct Answer: C

QUESTION 4

An administrator receives an alert for vCenter being unavailable. With vCenter running on vSAN, the administrator wants to know if any other VMs are impacted. What command can an administrator run to determine the overall health of the vSAN objects?

A. esxcli vsan storage list

B. esxcli vsan cmmds timemachine get

C. esxcli vsan cluster get

D. esxcli vsan health cluster list

Correct Answer: C

Reference: https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/vsan/vmware-virtual-san-health-check-guide-6.1.pdf (66)

QUESTION 5

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. The policy will need to be recreated and applied with an additional tag.

C. There will be no objects rebuilt that impact performance.

D. There will be an object rebuild impact on performance.

Correct Answer: D

QUESTION 6

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. What solution would meet the resiliency requirement?

A. Replicate to the third site at the VM level using vSphere Replication.

B. Configure vSAN Stretched Cluster with FTT=2 to replicate to the third site.

C. Add the third site to the existing vSAN Stretched Cluster.

D. Replicate to the third site at the vSAN datastore level using Site Recovery Manager.

Correct Answer: C

QUESTION 7

An administrator is patching a production Stretched Cluster using VMware Update Manager. Which statement is accurate?

A. The witness hosts can be patched using normal patch processes with VMware Update Manager.

B. Witness hosts cannot be patched or upgraded using VMware Update Manager.

C. The witness host does not need to be upgraded as there is no data on the node, just metadata.

D. The witness host must be deleted and a new witness host must be deployed.

Correct Answer: A

QUESTION 8

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

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

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

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

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

Correct Answer: BD

QUESTION 9

Which two are requirements for Kubernetes cluster virtual machines when leveraging vSphere Cloud Native Storage (CNS)? (Choose two.)

A. configure UEFI firmware

B. Set the Disk Mode to Independent

C. set the disk.EnableUUID advanced setting to TRUE

D. virtual machine hardware version 15 or higher

E. minimum of 4 vCPUs per node

Correct Answer: CD

Reference: https://docs.vmware.com/en/VMware-vSphere/6.7/Cloud-Native-Storage/GUID-BA795112-AFC4-4FCB-B5A6-1ACDCAB79ED3.html

QUESTION 10

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. 8

C. 5

D. 7

Correct Answer: A

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

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