2V0-620Q&As

vSphere 6 Foundations Beta

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QUESTION 1

An administrator is attempting to power on a virtual machine, but is unable to do so.

Which two reasons are probable causes of the failure? (Choose two.)

A. Storage access to the virtual machine swap file has been lost.

B. One of the virtual machine VMDK files is locked.

C. Virtual machine is running CentOS 7.0 64-bit.

D. Virtual machine has Hyper-Threading enabled.

Correct Answer: AB

One of the reasons it is doing so is because the storage access to the VM machine swap file has been lost

or one of the VMDK files is locked.

Reference: https://kb.vmware.com/selfservice/microsites/search.do?

language=en_USandcmd=displayKCandexternalId=10051

QUESTION 2

What condition would prevent an administrator from creating a new VMFS3 datastore on an ESXi 6.x host using the vSphere Web Client?

A. A VMFS3 datastore cannot be created on an ESXi 6.x host.

B. The VMFS3 kernel module is not loaded.

C. A VMFS3 datastore cannot be mounted on an ESXi 6.x host.

D. VMFS3 datastores are not compatible with virtual machines created on an ESXi 6.x host.

Correct Answer: A

VMFS3 datastore is not support on ESXi 6.x host.

Reference: https://pubs.vmware.com/vsphere-60/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc%

2FGUID-5EE84941-366D-4D37-8B7B-767D08928888.html

QUESTION 3

Which two statements are true regarding VMware vSphere Flash Read Cache (vFRC)? (Choose two.)

A. Cache fills and cache evictions happen in the granularity of a cache block size.

B. vFRC caches data from both read and write I/Os, but write I/Os are always serviced by the underlying storage.

C. vFRC caches data from both read and write I/Os, but write I/Os are always serviced by the underlying cache data.

D. Cache fills and cache evictions happen in the granularity of the disk block size.

Correct Answer: AB

Cache fills and cache evictions happen in the granularity of a cache block size. This value ranges from 4KB to 1MB to enable you to best configure your cache block size based on the I/O size of workloads. Even though cache fills and cache evictions happen in the granularity of a cache block size, actual read I/O serviced by the cache can be smaller than the cache block size. For example, if the cache block size is 64KB, and a 4KB read I/O request is issued by the guest virtual machine, and if the data is not available in the cache, a 4KB read is issued to the VMDK. When populating the cache, the vFRC algorithm looks for a 64KB region to place the new 4KB data. If no free space is available, a 64KB region is evicted and the space is used to hold the new 4KB data. The remaining 60KB region in the 64KB cache block is marked as invalid. The cache block size parameter therefore has profound effects on performance

Reference: https://www.vmware.com/files/pdf/techpaper/vfrc-perf-vsphere55.pdf

QUESTION 4

An organization has configured Distributed Power Management (DPM) on a vSphere 6.x cluster. The organization wants to be alerted when an ESXi host has been powered down by DPM.

Which two options represent the type and name of the alarm that would accomplish this? (Choose two.)

A. DrsEnteringStandbyModeEvent

B. DrsEnteredStandbyModeEvent

C. Event-based

D. Condition-based

Correct Answer: BC

DrsEnteringStandbyModeEvent and Event-based alarms will accomplish the task.

Reference: https://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/

com.vmware.vsphere.resourcemanagement.doc_40/using_drs_clusters_to_manage_resources/

c_monitoring_vmware_dpm.html

QUESTION 5

Which load balancing policy, previously limited to vSphere Distributed Switches, is now available on vSphere Standard Switches with vSphere 6.x?

A. Route based on physical NIC workload

B. Route based on IP Hash

C. Route based on the originating virtual port

D. Route based on Source MAC Hash

Correct Answer: A

Route based on physical NIC workload was limited to vSphere Distributed switches. Now its available on vSphere standard switches with vSphere 6.x

Reference: https://pubs.vmware.com/vsphere-60/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcenterserver-60-networking-guide.pdf