



# VCAD510<sup>Q&As</sup>

VMware Certified Associate – Data Center Virtualization (VCA-DCV)  
Exam

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**QUESTION 1**

Several web server virtual machines in your environment are experiencing poor performance. Upon further investigation you learn that one very active database virtual machine is consuming most of your storage bandwidth. You would like to restrict the storage performance of the database VM to increase the performance of the web server VMs. Which of the following features will help you do this?

- A. Distributed Resource Scheduler (DRS)
- B. Storage I/O Control
- C. vMotion
- D. Storage vMotion

Correct Answer: B

Reference: <http://searchvmware.techtarget.com/definition/VMware-DRS>

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**QUESTION 2**

You are the VMware administrator for a community college. You have several virtual machines that have very read-intensive workloads, and they are beginning to indicate some disk latency during peak periods. You would like to decrease the storage latency for these VMs. Which of the following would be a possible solution?

- A. Migrate each of the VMs to a larger datastore
- B. Migrate each of the VMs to a Thin-Provisioned datastore
- C. Configure vFlash for each of the VMs
- D. Delete any snapshots to reduce disk overhead

Correct Answer: B

Reference: <http://www.joshodgers.com/tag/thin-provisioning/>

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**QUESTION 3**

When VMs are created, they are placed on a datastore. Which two types of datastores are supported? (Choose two.)

- A. NFS Datastore
- B. EXT4 Datastore
- C. NTFS Datastore
- D. VMFS Datastore

Correct Answer: AD



Reference: <http://searchvirtualstorage.techtarget.com/tip/vSphere-file-systems-VMFS-5-plus-VMFS-vs-NFS>

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#### QUESTION 4

You arrive at a customer site and find that the customer is considering a conversion from physical to virtual servers. They are curious as to how they can perform updates on their new virtual machines, and still minimize the possible impact to the virtual machines. What VMware option will allow them to update their virtual machines safely?

- A. Virtual servers do not need to be patched, since they are virtual.
- B. Virtual servers can use a snapshot to save the existing state of the virtual operating system prior to the update.
- C. Virtual servers will need to be cloned prior to updating to save the original state.
- D. There is no way to save the original state of the virtual machine prior to performing an update.

Correct Answer: B

Reference: [http://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKC&externalId=1009402](http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1009402)

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#### QUESTION 5

You have a VMware environment and you have noticed that the storage capacity of your datastores varies widely. You would like to maximize the storage environment by balancing the space utilization across each of the datastores. Which of the following is a viable solution?

- A. Storage I/O Control
- B. vSphere APIs for Array Integration (VAAI)
- C. vSphere APIs for Storage Awareness (VASA)
- D. Storage Distributed Resource Scheduler (SDRS)

Correct Answer: D

Reference: <http://www.vmware.com/files/pdf/vmw-vsphr-5-1-stor-drs-uslet-101-web.pdf> (page 5, first para)

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