

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

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

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### QUESTION 1

You are on staff at a large medical center. You have multiple applications that are required to run on Windows NT 4.0, and the base code cannot be upgraded, so you are maintaining several legacy hardware servers. Which of the following can help in this situation?

- A. Use the VAAI APIs to allow the legacy application to run within a Windows Server 2008 virtual machine.
- B. Use Configuration Manager to modify the Windows NT operating system to run on a new 64-bit server.
- C. Use VMware Converter to convert the applications to a 64-bit version and restore them to new servers.
- D. Create a Windows NT 4.0 virtual machine for each of the legacy applications and run them on a VMware ESXi server.

Correct Answer: D

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### QUESTION 2

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=displayKCa&externalId=1009402](http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKCa&externalId=1009402)

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### QUESTION 3

The name of the Type 1 hypervisor used in VMware's product line is:

- A. vESX
- B. vCenter
- C. Workstation
- D. ESXi

Correct Answer: D

Reference: [http://en.wikipedia.org/wiki/VMware\\_ESX](http://en.wikipedia.org/wiki/VMware_ESX) (second para on the page)

#### QUESTION 4

What is a scalability challenge that vSphere can address?

- A. Change management processes are simplified
- B. Automatic balancing of virtual machines after adding new physical servers
- C. Easier disaster recovery processes
- D. Users have self-service provisioning of virtual machine workloads

Correct Answer: B

Reference: [http://www.vmware.com/files/pdf/techpaper/Whats-New-VMware-vSphere-51-Platform-\(page 12\)Technical-Whitepaper.pdf](http://www.vmware.com/files/pdf/techpaper/Whats-New-VMware-vSphere-51-Platform-(page%2012)Technical-Whitepaper.pdf)

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#### QUESTION 5

Your organization would like to evaluate vSphere, but you are concerned that you won't be able to take advantage of many of the features because you do not have a shared storage infrastructure.

Which VMware feature could help you transform your local storage into usable shared storage for your VMs?

- A. vSphere Storage Appliance (VSA)
- B. Storage DRS
- C. Storage vMotion
- D. vSphere Replication

Correct Answer: B

Reference: <http://labs.vmware.com/vmtj/storage-drs-automated-management-of-storage-devices-in-a-virtualized-datacenter>

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