## Vmware

# VCAD510

*VMware Certified Associate - Data Center Virtualization*

http://www.vmware.com/products/vcenter-server/features.html
(see scalable and extensible platform)

**QUESTION:** 101
You are planning to use shared storage for your evaluation of vSphere. Your colleague is describing a storage topology that can be built on a dedicated, 4Gbps, 8Gbps, or 16Gbps network composed of two fabrics for redundancy. What is the name of this type of shared storage?

A. Fibre Channel over Ethernet (FCoE)
B. Fibre Channel
C. NFS
D. iSCSI

**Answer:** B

**QUESTION:** 102
You are planning to evaluate vSphere but you presently have no shared storage devices. Which of the following vCenter features will function without shared storage?

A. vMotion
B. Distributed Power Management (DPM)
C. High Availability (HA)
D. Fault Tolerance (FT)

**Answer:** A

**Explanation:**
http://blogs.vmware.com/vsphere/2012/09/vmotion-without-shared-storagerequirement-does-it- have-a-name.html(third para)

**QUESTION:** 103
You have deployed a virtual environment that is utilizing 7 physical servers and you determine the average resource utilization during non-business hours is very low. Your manager is concerned that the company is wasting money on power consumption. Which technology can help reduce excess power consumption?

A. vSphere Distributed Switch (vDS)
B. vSphere APIs for Storage Awareness (VASA)
C. A kick-start file
D. Distributed Power Management (DPM)

**Answer:** D

**Explanation:**
http://www.vmware.com/files/pdf/Distributed-Power-Management-vSphere.pdf

**QUESTION:** 104
Your company has been watching the news and seen many examples of natural disasters, fires, acts of terrorism, etc. that have disrupted operations. They decide that they need a geographically separate data center to fail over to. They also have noticed that many times the IT staff are unavailable after the event and so ask for a solution that a corporate executive could use to fail over if IT is unavailable. What solution best fits these requirements?

A. Fault Tolerance (FT)
B. Site Recovery Manager (SRM)
C. vSphere Replication (VR)
D. Data Protection

**Answer:** C

**Explanation:**
http://www.vmware.com/files/pdf/vsphere/VMware-vSphere-Replication-Overview.pdf

**QUESTION:** 105
You are describing virtual machines to your manager. He asks you how virtual machines communicate on the network. Which of the following statements is true?

A. Virtual machines require special hardware network cards to communicate on the physical network.
B. Virtual machines are always directly connected to a physical network card in your ESXi host.
C. Virtual machines are unable to communicate on the physical network.

D. Virtual machines use virtual network cards from VMware to communicate on the physical network.

**Answer:** D

**Explanation:**
http://www.techrepublic.com/blog/virtualization-coach/understanding-vmware-commonnetworking-terminology/(see bridged networking)

**QUESTION:** 106
What vCenter feature does Storage DRS use to automate the load balancing of virtual machine storage?

A. vMotion
B. High Availability
C. Storage vMotion
D. Fault Tolerance

**Answer:** C

**Explanation:**
http://labs.vmware.com/vmtj/storage-drs-automated-management-of-storage-devicesin-a- virtualized-datacenter

**QUESTION:** 107
You are the VMware Administrator for the local city government. When you arrive at your desk, you find that there are several alarms referring to an outage caused by an overnight driver update. When you ask your colleagues about the driver update, no one seems to know anything about it. Which solution will help in determining the problem?

A. A PowerShell script to gather hardware driver versioning information
B. vCenter Configuration Manager (vCCM)
C. The vCenter Virtual Appliance
D. vProtect

**Answer:** B

**Explanation:**

http://www.vmware.com/products/vcenter-configuration-manager/features.html

**QUESTION:** 108
You work in a large datacenter with hundreds of ESXi hosts managed by a vCenter server. Your IT consultant has advised you to use Distributed Power Management (DPM). What does it do?

A. Automatically powers off ESXi hosts during non-peak hours.
B. Regulates the power usage of the virtual machines on each ESXi host.
C. Automatically powers off Virtual Machines during non-peak hours.
D. Regulates the power consumption of the ESXi host's processors.

**Answer:** B

**Explanation:**
http://www.vmware.com/files/pdf/Distributed-Power-Management-vSphere.pdf

**QUESTION:** 109
Your email server lives on a storage array, but performance is not adequate. You can't afford a new array or to replace the drives in the array, but need better performance for your email server which is searched frequently. Which feature will provide the needed performance boost?

A. vFlash
B. vSAN
C. VSA
D. Storage vMotion

**Answer:** A

**Explanation:**
http://www.vmware.com/products/vsphere/features-vmotion

**QUESTION:** 110
You are planning to perform hardware maintenance on one of your ESXi hosts. It is currently running several Virtual Machines that you do not wish to power off. Which vCenter feature will allow you to perform this maintenance without disrupting the VMs?

A. vMotion
B. High Availability
C. vSphere Replication
D. vSphere Distributed Switch

**Answer:** A

**Explanation:**
http://www.vmware.com/products/vsphere/features-vmotion

**QUESTION:** 111
You are planning a large virtualization project and are concerned that a physical server will cause a prolonged outage until help desk calls are received and all VMs restarted. How can the restart of VMs after a failure be automated?

A. Fault Tolerance (FT)
B. High Availability (HA)
C. Data Protection
D. Distributed Resource Scheduler (DRS)

**Answer:** B

**Explanation:**
http://www.vmware.com/files/pdf/VMware-High-Availability-DS-EN.pdf

**QUESTION:** 112
You have completed a vSphere deployment for your customer. They have a very critical application that they are concerned about minimizing data loss from a site-level disaster. Which technology offers a possible solution?

A. vSphere Replication
B. Storage I/O Control (SIOC)
C. Distributed Resource Scheduler (DRS)
D. vCenter Virtual Appliance (vCVA)

**Answer:** A

Download Full Version From https://www.certkillers.net

*Pass your exam at First Attempt....Guaranteed!*