

VMware

Exam VCAD510

VMware Certified Associate – Data Center Virtualization Exam

Version: 8.0

[Total Questions: 112]

Question No : 1

You work for a convenience store chain that has a full data center including shared storage and many small stores. You want to make sure that data in the stores gets copied to the main data center.

Which solution will meet these requirements?

- A. Distributed Resource Scheduler (DRS)
- B. Storage DRS
- C. vSphere Replication (VR)
- D. VSA

Answer: C

Reference:<http://searchvirtualstorage.techtarget.com/definition/vSphere-Replication>

Question No : 2

Which VMware product allows for non-disruptive disaster recovery testing?

- A. vCenter Operations Manager
- B. vSphere Replication
- C. Site Recovery Manager
- D. vCenter Configuration Manager

Answer: C

Reference:<https://www.vmware.com/products/site-recovery-manager/>

Question No : 3

Your manager wants to know how virtual machines are going to benefit the organization. What two statements accurately explain what virtual machines do? (Choose two.)

- A. Allow users to recover deleted files themselves.

- B. Reduce your application licensing costs.
- C. Provide higher up time than physical servers.
- D. Reduce the number of physical servers.

Answer: C,D

Question No : 4

You are the VMware administrator for your local hospital. A fellow administrator has asked what role a datastore plays in the environment. Which of the following is a good definition of a datastore?

- A. A datastore is used by the hypervisor to swap local memory content if needed
- B. A datastore is used as the destination for the core dump file
- C. A datastore is used by the hypervisor to store logs and performance data
- D. A datastore is where virtual machine's files are stored

Answer: D

Question No : 5

You are considering using virtual machines for your new corporate email servers. You are giving examples to your manager of the benefits this will provide. Which two examples are true? (Choose two.)

- A. Virtual machines can be reverted to prior states to make recovery from accidents simpler.
- B. Virtual machines perform faster than physical machines using the same hardware.
- C. Virtual machines allow you to add components such as network cards and hard disks while the VM is running.
- D. Virtual machines automatically increase and decrease their allocated memory while running.

Answer: C,D

Question No : 6

You are explaining to your manager the different types of storage devices supported in

vSphere. You explain that some devices are block-based, while others are file-based.

Which of the following is a file-based storage type?

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

Answer: A

Reference:<http://searchstorage.techtarget.com/magazineContent/Block-vs-file-storage-to-support-virtual-server-environments>

Question No : 7

You work in a highly regulated, secure environment. You have been tasked with finding a solution that will analyze the environment and report on any changes in the environment to ensure you meet the compliance requirements in your industry.

Which VMware product can help to provide this solution?

- A. vCenter Operations Manager
- B. vCenter Change Management
- C. vCenter Configuration Manager
- D. vCloud Director

Answer: C

Reference:

http://www.vmware.com/files/pdf/VMware_vCenter_Configuration_Manager_Datasheet_English.pdf

Question No : 8

Which vSphere feature allows for more efficient storage usage?

- A. Snapshots
- B. Fast Provisioning
- C. Thin Provisioning
- D. Storage vMotion

Answer: C

Reference:<http://www.vmware.com/files/pdf/Storage-with-VMware-vSphere.pdf>

Question No : 9

Your manager asks you: "What is the relationship between vMotion and VMware's High Availability (HA) feature?" What do you tell him?

- A. vMotion uses VMware's High Availability (HA) feature to move the VMs while they are running.
- B. VMware's High Availability (HA) feature uses vMotion to move the VMs after a failure.
- C. There is no interdependency between these two features.
- D. Either feature only functions if the VMs are powered off.

Answer: B

Reference:<https://communities.vmware.com/thread/405330?start=0&tstart=0>

Question No : 10

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

Answer: B

Reference:<http://www.vmware.com/files/pdf/techpaper/Whats-New-VMware-vSphere-51-Platform-Technical-Whitepaper.pdf>(page 12)

Question No : 11

You have a vSphere cluster managed by vCenter. One of the VMs is running a critical application that is very sensitive to unplanned or sudden reboots. You wish to protect this VM from potential data loss. Which of the following features will help you?

- A. vSphere Replication
- B. Fault Tolerance (FT)
- C. High Availability (HA)
- D. vMotion

Answer: B

Reference:<http://en.community.dell.com/techcenter/virtualization/w/wiki/vmware-vsphere-fault-tolerance.aspx>

Question No : 12

You manage a cluster of ESXi hosts using vCenter Server. You notice that some ESXi hosts are more heavily burdened than others.

Which feature of vCenter server will potentially help automate the load balancing of the ESXi hosts?

- A. Fault Tolerance
- B. Distributed Power Management
- C. Distributed Resource Scheduler (DRS)
- D. High Availability

Answer: C

Reference:[http://www.vmware.com/support/vsphere5/doc/vsp_vc50_u2_rel_notes.html\(search for DRS\)](http://www.vmware.com/support/vsphere5/doc/vsp_vc50_u2_rel_notes.html(search for DRS))

Question No : 13

You are a consultant and your newest client is concerned about the visibility of performance and capacity related information to help them manage their new VMware environment more efficiently. Which of the following will enable them to be proactive in their monitoring?

- A. Scheduled PowerShell scripts to gather performance data
- B. vCenter Operations Manager (vC OPS)
- C. vCenter advanced performance charts
- D. vCenter Site Recovery Manager

Answer: B

Question No : 14

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)

Answer: D

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

Question No : 15

What does virtualization do?

- A. Converts hardware into software
- B. Converts software into hardware
- C. Causes your servers to consume less power

D. Causes your servers to run lighter workloads

Answer: A

Question No : 16

You are considering moving from an environment in which each physical server hosts a single application, and each application is backed up on a specified timeframe. The proposed environment will consist of virtual machines that perform the role of their physical counterparts.

Your manager is trying to determine the best way to backup these applications once the project is complete.

Which technology provides a backup solution for virtual machines?

- A. Distributed Power Management (DPM)
- B. high Availability (HA)
- C. vCenter
- D. vSphere Data Protection (vDP)

Answer: D

Reference:<http://www.vmware.com/files/pdf/techpaper/Introduction-to-Data-Protection.pdf>

Question No : 17

Which vSphere feature allows for rapid provisioning of virtual machines?

- A. Distributed Resource Scheduler
- B. vNetwork Distributed Switches
- C. Thin Provisioning
- D. Templates

Answer: D

Reference:<http://globalsp.ts.fujitsu.com/dmsp/Publications/public/ds-vSphere-essentials-ess-plus.pdf>(page 2, see vmware vcenter server for essentials)

Question No : 18

Your management has asked you to project your anticipated virtual machine storage needs over the next 18 months. Which technology would help provide the required information?

- A. vCenter Site Recovery Manager
- B. vCenter Operations Manager
- C. vCenter Update Manager
- D. vCenter Configuration Manager

Answer: B

Explanation: Explanation/Reference:

<https://www.vmware.com/support/pubs/vcops-pubs.html>

Question No : 19

What is an availability challenge that vSphere can address?

- A. Virtual machines can be proactively migrated when a server failure is imminent
- B. Hardware maintenance can be performed at any time without application impact
- C. More servers can be deployed to provide higher availability
- D. Disaster recovery is greatly simplified

Answer: A

Question No : 20

What are two benefits of datacenter virtualization? (Choose two.)

- A. Less data to back up
- B. Less CPU power required for a given application
- C. More efficient use of resources
- D. Same hardware footprint for every machine