



1V0-601^{Q&As}

VMware Certified Associate 6 – Data Center Virtualization
Fundamentals

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QUESTION 1

What are two advantages of using vSphere Data Protection In a data center? (Choose two.)

- A. Creates new virtual machines.
- B. Migrates virtual machines.
- C. Ensures minimum impact on network bandwidth.
- D. Provides increased backup data capacity.

Correct Answer: AC

QUESTION 2

Under what two conditions does Distributed Power Management bring powered-off hosts back online? (Choose two.)

- A. When power consumption increase.
- B. At the pre-defined time.
- C. M When an administrator adds another host to vCenter Server
- D. When virtual machine requirements increase.

Correct Answer: BD

Explanation: bring powered off hosts online once again to meet virtual machine requirements either at a pre-defined time or when it senses virtual machine requirements increasing. Reference: <http://www.vmware.com/files/pdf/VMware-Distributed-Resource-Scheduler-DRS-DS-EN.pdf>

QUESTION 3

After creating virtual machine backups using vSphere Data Protection, you decide to perform a simple verification of those backups. Which feature will you use for this?

- A. vSphere Replication
- B. Changed Block Tracking
- C. VMware Tools heartbeat
- D. Verification scripts

Correct Answer: C

Explanation: VMware Tools heartbeat, used for simple verification Reference: http://blogs.vmware.com/vsphere/files/2013/12/ABV_technical_white_paper.pdf

**QUESTION 4**

An administrator is working in a bank that has a highly regulated, secure environment. The bank faces an increasing number of clients, and the administrator is finding it difficult to monitor the environment and report any changes. Which VMware product can help provide a solution?

- A. vSphere Hypervisor
- B. vRealize Operations Manager
- C. Air Watch
- D. Virtual SAN

Correct Answer: B

QUESTION 5

A company has recently reported a financial loss and has identified that a major part of their expenses is the maintaining and managing of their virtualized network in the data center.

The company needs a solution that would help cut down on their operating expenditures.

What should the company do to solve this issue?

- A. Virtualize the physical servers.
- B. Implement a management platform for IT services on vSphere and other hypervisors.
- C. Remove all physical servers which are not in use.
- D. Increase the number of physical servers.

Correct Answer: D

QUESTION 6

Which statement best defines the virtual machine hot-add feature?

- A. Administrators can transfer the virtual machines from one physical server to another while the virtual machine is running
- B. Administrators can copy-and-paste virtual machines instead of creating them from scratch.
- C. Administrators can add and install applications without restarting it.
- D. Administrators can increase the capabilities of a virtual machine without powering it off.

Correct Answer: D

QUESTION 7



A network administrator notices that a few virtual machines run slowly every morning. To troubleshoot the issue the administrator needs to analyze the total traffic sent I virtual machines. Which feature would the administrator use for troubleshooting?

- A. Virtual LANs
- B. Traffic Shaping
- C. NetFlow
- D. Port Mirroring

Correct Answer: D

Explanation: I would like to clarify few things in this blog entry about the Port-mirroring feature that is available on vSphere Distributed Switch (VDS). This feature is similar to the port mirroring capability available on the physical switches. Network administrators can use this feature to troubleshoot any network related issues in the virtual infrastructure and monitor virtual_machine-to-virtual_machine traffic that is flowing on the same ESXi host. Network administrators use network analyzer tool, which captures traffic, along with the port mirror feature to perform monitoring and troubleshooting activities. In the physical network, depending on where the analyzer or debug tool is placed in the network, network administrators choose different port mirroring options. The following are some of the standard port mirroring options available on physical switches Reference:<http://blogs.vmware.com/vsphere/2012/06/how-to-use-port-mirroring-feature-ofvds-for-monitoring-virtual-machine-traffic.html>

QUESTION 8

What can an administrator do if they does not want Storage DRS to perform all storage balancing functions?

- A. Use automatic mode in Storage DRS
- B. Use manual mode in Storage DRS
- C. Use Storage vMotion
- D. Disable Storage DRS

Correct Answer: D

Reference: <http://frankdenneman.nl/2012/09/18/vm-storage-profiles-and-storage-drs-part-1/>

QUESTION 9

How does Storage Replication handle data replication without a dedicated link between various storage sites?

- A. By using storage I/O control for replication of datastores.
- B. By Using the host as a medium to provide asynchronous replication of datastores.
- C. By using volume level mirroring.
- D. By using storage vMotion.

Correct Answer: D



Explanation: vSphere Storage vMotion Yes You can move the disk files of a replicated virtual machine on the source
Reference: <http://pubs.vmware.com/vsphere-replication-60/topic/com.vmware.ICbase/PDF/vsphere-replication-60-admin.pdf>

QUESTION 10

What are two features of vSphere 6.x that help address the availability challenges that organizations face? (Choose two.)

- A. Deploying from Templates
- B. Host Profiles
- C. High Availability
- D. Fault Tolerance

Correct Answer: CD

Explanation:

VMware vSphere 6 will provide customers with a highly available, resilient, on-demand cloud infrastructure to run, protect and manage any application VMware vSphere 6 appealing due to the new availability and fault tolerance capabilities for

protecting applications on-premises.

Reference: <http://www.vmware.com/company/news/releases/vmw-newsfeed/Introducing-VMware-vSphere-6---The-Foundation-for-Hybrid-Cloud/1920294>

QUESTION 11

Which two issues do organizations hope to solve with Data Center Virtualization? (Choose two.)

- A. High inefficiency of the Data Center
- B. High operating expenses
- C. Low bandwidth utilization
- D. Increased CPU utilization

Correct Answer: BD

Explanation: This concept can be implemented across legacy hardware, infrastructure systems and data centers--or with additional OEM support, throughout the data center of the future--to create a dynamic data center where operating expenses can be balanced in real time with service level agreements and forecasts to maximize ROI and minimize risk. Including CPU power, memory power, system board power, system power and rack power.

Reference: http://www.emersonnetworkpower.com/documentation/en-us/brands/liebert/documents/white%20papers/data-center-servers_150-47.pdf



QUESTION 12

Which three statements are true regarding VMware NSX? (Choose three.)

- A. Requires dedicated network devices.
- B. Can handle data across virtual switches.
- C. Can handle data across physical switches.
- D. Is independent of the underlying network hardware.
- E. Has the ability to be deployed on any IP network.

Correct Answer: BDE

Reference: <https://www.vmware.com/files/pdf/products/nsx/VMware-NSX-Network-Virtualization-Platform-WP.pdf>

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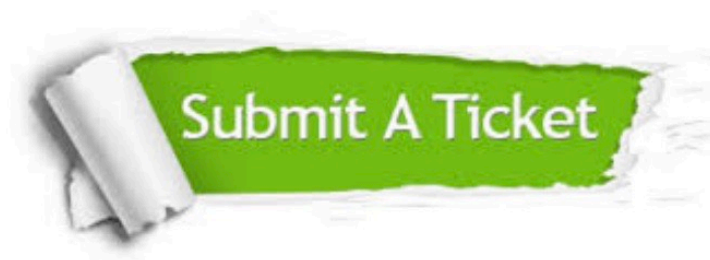
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