

VMware

Exam 1V0-601

**VMware Certified Associate 6 – Data Center Virtualization
Fundamentals Exam**

Verson: Demo

[Total Questions: 10]

Question No : 1

Which three vSphere 6.x features allow an administrator to perform effective resource management? (Choose three.)

- A. DRS
- B. vMotion
- C. vRealize Operations
- D. Storage I/O Control
- E. NAS

Answer: A,B,D

Reference: <https://www.vmware.com/files/pdf/vsphere/VMW-WP-vSPHR-Whats-New-6-0-PLTFRM.pdf>

Question No : 2

What is the minimum number of virtual NICs that you can configure for a virtual machine?

- A. Four
- B. One
- C. Zero
- D. Two

Answer: B

Explanation: Virtual machines can be configured with 1 to 4 NICs.

Reference: http://www.cisco.com/c/en/us/td/docs/security/ise/1-2/installation_guide/ise_ig/ise_vmware.html

Question No : 3

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.

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 No : 4

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

Answer: D

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

Question No : 5

What are two features of vSphere with Operations Management? (Choose two.)

- A. Enables proactive identification of system issues through predictive analysis.
- B. Allows reclaiming overprovisioned capacity to increase resource utilization.
- C. Provides a secure portal for requesting new IT services.
- D. Delivers real-time log management.

Answer: A,B

Question No : 6

A network administrator wants reduce the network clutter in his infrastructure and decides to use virtual switches. How can virtual switches help reduce network clutter?

- A. By troubleshooting and resolving all the network issues.
- B. By reducing the number of physical machines.
- C. By reducing the number of physical network cables plugged into hosts.
- D. By reducing the virtual network traffic.

Answer: C

Explanation:

vSphere supports two main categories of virtual switches. It supports the standard switch and the distributed switch. Both switches help you reduce network clutter by reducing the number of physical network cables plugged into your ESXi hosts.

Reference: http://webpages.uncc.edu/~smcleo12/teaching_portfolio_sterling_mcleod.pdf

Question No : 7

Which statement about standard switches is true?

- A. Performs Port Mirroring simultaneously for virtual machines in all port groups
- B. Performs Port Mirroring for virtual machines in the same port group.
- C. Bridges traffic between virtual machines in other port groups.
- D. Bridges traffic internally between virtual machines in the same port group.

Answer: D

Explanation: A standard switch can bridge traffic internally between virtual machines in the same port group and link to external networks.

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.networking.doc%2FGUID-350344DE-483A-42ED-B0E2-C811EE927D59.html>

Question No : 8

Which vSphere 6.x storage service provides array-based operations at the virtual disk level?

- A. Local storage
- B. Virtual Volumes
- C. Virtual SAN
- D. Datastores

Answer: B

Explanation: vSphere Virtual Volumes simplifies the delivery of storage service levels to applications by providing administrators with finer control of storage resources and data services at the VM level that can be dynamically adjusted in real time.

Reference: <http://blogs.vmware.com/storage/2015/02/02/vsphere-virtual-volumes/>

Question No : 9

In what two situations would an administrator use Storage vMotion? (Choose two.)

- A. To create new virtual machines in the host.
- B. To bring powered-down hosts back online.
- C. To select separate locations for the virtual machine disk files.
- D. To migrate virtual machines from one datastore to another.

Answer: C,D

Explanation: You can use vMotion to migrate virtual machines to a different host and datastore simultaneously. In addition, unlike Storage vMotion, which requires a single host to have access to both the source and destination datastore, you can migrate virtual machines across storage accessibility boundaries.

Reference: <http://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vcenterhost.doc%2FGUID-561681D9-6511-44DF-B169-F20E6CA94944.html>

Question No : 10

Which two statements about virtual switches in vSphere 6.x virtual networking are true?
(Choose two)

- A. Monitors metadata about communications that occur in a network.
- B. Creates isolated networks for testing and development.
- C. Attaches virtual machines to the physical network.
- D. Performs load balancing.

Answer: C,D

Reference: <https://www.virtualbox.org/manual/ch06.html>