

1V0-601 - VMware Certified Associate 6 – Data Center Virtualization

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1. 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>

2. 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

Answer: C, D

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>

3. What does Storage DRS do to determine if a particular disk device is overburdened?

- A. Powers down the storage device.
- B. Monitors disk I/O latency on the shared storage devices.

- C. Takes a count of virtual machines on the storage device.
- D. Reads the data on the storage devices.

Answer: B

Reference:

<http://www.vmware.com/files/pdf/techpaper/vsphere-storage-drs-interoperability.pdf>

4. Which feature of vSphere networking restricts the inbound and outbound network bandwidth of a group of virtual machines?

- A. Differentiated Services Code Point
- B. NetFlow
- C. Traffic Shaping
- D. Port Mirroring

Answer: C

Explanation:

Traffic Shaping Allows you to restrict the inbound and outbound network bandwidth of a group of virtual machines.

Reference: <https://quizlet.com/35738634/vmware-data-center-virtualization-vca-dcv-flash-cards/>

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.

Answer: D

6. What are two advantages of Network I/O Control? (Choose two.)

- A. Monitors the virtual machine storage.
- B. Performs load-based teaming.

- C. Enforces network bandwidth limit on the virtual distributed switch.
- D. Enforces traffic isolation.

Answer: B, C

Explanation:

Limits - Enforce traffic bandwidth limit on the overall VDS set of dvUplinks. Load-based Teaming - Efficiently uses a VDS set of dvUplinks for networking capacity.

Reference:

<http://www.vmware.com/products/vsphere/features/network-io-control>

7. 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.

Answer: A, C

8. Which statement best defines virtualization?

- A. The process of scaling applications and licenses to support multiple hosts
- B. The process of moving virtual machines from one .place to another
- C. The process of replicating virtual versions of physical components
- D. The process of creating virtual versions of physical components

Answer: D

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