

Vendor: VMware

Exam Code: 1V0-601

Exam Name: VMware Certified Associate 6 - Data

Center Virtualization Fundamentals

Version: Demo

## **QUESTION 1**

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

A. Four

B. One

C. Zero

D. Two

Correct 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 2**

VMware vSphere 6.x empowers users with which two capabilities? (Choose two.)

- A. Provide advanced availability protection.
- B. Virtualize scale-up and scale-out applications.
- C. Provide detailed compliance check.
- D. Allow self-service file recovery.

Correct Answer: AB

Explanation: vSphere empowers users to virtualize scale-up and scale-out applications with confidence, redefines availability, and simplifies the virtual data center. Reference: http://www.vmware.com/products/vsphere

#### **QUESTION 3**

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.

Correct 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.networki

## **QUESTION 4**

Which two features of vSphere 6.x help address scalability challenges in a data center? (Choose two.)

- A. Big Data Extensions
- B. Content Library
- C. Long Distance vMotion
- D. Hot Add

Correct Answer: AC

#### **QUESTION 5**

An administrator has finished configuring vSphere HA in their IT environment. Which component does the administrator remove from the infrastructure to save cost?

- A. Storage clusters
- B. Network stack
- C. Dedicated standby hardware
- D. Standard switches

Correct Answer: C

Reference: http://www.vmware.com/files/pdf/VMwareHA\_twp.pdf

## **QUESTION 6**

Which vSphere 6.x feature enables you to mitigate the effects of storage latency during peak load periods in a virtualized data center?

- A. NFS
- B. iSCSI
- C. Network I/O Control
- D. Virtual SAN

Correct Answer: B

## **QUESTION 7**

Which datastore type can be extended to span several physical storage extents, including storage Area Network LUNs and local storage devices, in order to create a datastore that fits the needs of your virtual machines?

A. Virtual SAN

B. NFS

C. iSCSI

D. VMFS Datastores

Correct Answer: D

## **QUESTION 8**

Which feature helps in managing the power consumed by a cluster when virtual machine usage is low?

A. vMotion

B. Dynamic Resource Scheduler

C. Distributed Power Management

D. Storage vMotion

Correct Answer: C

Reference: http://www.vmware.com/files/pdf/VMware-Distributed-Resource-Scheduler- DRS-DS-EN.pdf

## **QUESTION 9**

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

Correct 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/

#### **QUESTION 10**

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.

Correct Answer: B

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

## **QUESTION 11**

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

Correct Answer: ABD

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

## **QUESTION 12**

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.

Correct Answer: AB

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