

## Exam Questions 1V0-621

VMware Certified Associate 6 – Data Center Virtualization

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#### NEW QUESTION 1

Which two statements are true regarding Tags? (Choose two.)

- A. Different Tag scan be organized into Tag Categories
- B. Previously used Custom Attribute scan be migrated to Tags
- C. All functionality supported by Custom Attributes is supported by Tags
- D. Individual Tag scan be associated with one or more object types.

**Answer:** AB

#### NEW QUESTION 2

Which storage format can be used to deploy data stores on block storage devices?

- A. Virtual Volumes
- B. NFS
- C. VMFS
- D. iSCSI

**Answer:** C

#### NEW QUESTION 3

Which solution monitors an organizations infrastructure for efficiency and performance across both the virtual and physical infrastructure .

- A. V realize operations manager
- B. V realize automation
- C. Horizon (with view)
- D. V cloud director

**Answer:** B

#### NEW QUESTION 4

Which two statements are true regarding disaster recovery when using data center virtualization. (Choose two.)

- A. vSphere includes a file-level backup and restore solution with application level support for Microsoft Exchange.
- B. vSphere can restart virtual machines on available resources if host hardware fails.
- C. vSphere includes an automated replication solution.
- D. vSphere includes a live migration solution that maintains virtual machine uptime in the event of unplanned downtime.

**Answer:** AD

#### NEW QUESTION 5

What defines virtualization?

- A. It is the process of scaling applications and licenses to support multiple hosts.
- B. It is the process of moving virtual machines from one place to another.
- C. It is the process of migrating physical components to virtual versions.
- D. It Is the process of creating virtual versions of physical components.

**Answer:** C

#### NEW QUESTION 6

What does storage virtualization (VSAN) provide a company's data center?

- A. unified interface for managing storage arrays across various locations
- B. physical storage arrays that can be used across ESXi hosts
- C. abstraction layer for physical storage resources to be managed and optimized for virtualization deployments
- D. virtualization software that rapidly relocates applications and information on-demand within and across data centers

**Answer:** D

#### NEW QUESTION 7

Which vSphere feature allows network traffic management in virtualized data center?

- A. vMotion
- B. Link aggregation
- C. Network I/O Control
- D. Storage I/O Control

**Answer:** C

#### NEW QUESTION 8

An administrator needs gracefully reboot a virtual machine that has VMware Tools installed.  
Which available power state control allows the administrator to perform the action?

- A. Reset
- B. Suspend
- C. Restart Guest OS
- D. Shut Down Guest Os

**Answer:** C

#### NEW QUESTION 9

Which two resources are the most impacted in the infrastructure sprawl experienced in non-virtualized data centers? (Choose two)

- A. Power
- B. storage
- C. Compute
- D. Network

**Answer:** AC

#### Explanation:

The initial motivator to move to virtualization was server consolidation. Server sprawl was a very big problem in the “1 app, 1 server” datacenter environment. Hundreds of servers were using power, generating heat, taking up space, and requiring administration. On top of that, the great majority of these servers were woefully underutilized, using just a fraction of their CPU and memory. It was a completely inefficient way to run a datacenter. Virtualization allowed one physical server to be shared by multiple VMs. In the early days, you could get ratios of 20 to 1—this represented significant cost savings to the business. Over time, these ratios have grown, and it is not uncommon to see ratios of 100 to 1 now.

#### NEW QUESTION 10

Which challenge can vsphere help resolve by using snapshots?

- A. Low utilization of drive c inside the virtual machine
- B. Incompatibility between mtu settings
- C. Disjointed dns namespace
- D. Faulty windows update crashing server

**Answer:** C

#### NEW QUESTION 10

Which two features are reasons for administrators to utilize VMware vCenter Server in virtualized environments? (Choose two.)

- A. vCenter Server is the only means to access a ESXi host.
- B. vCenter Server provides drivers to interface with third-party devices.
- C. vCenter Server enables administrators to pool and manage the resources of multiple hosts.
- D. vCenter Server acts as a single point of management for VMware ESXi hosts connected in a network.

**Answer:** CD

#### NEW QUESTION 11

An Organization with three separate datacenters is looking to standardize its virtual machine templates. Which vSphere feature allows the organization to centrally manage VM templates across all three datacenters?

- A. Long distance vMotion.
- B. Content Library
- C. Storage DRS
- D. vMotion

**Answer:** B

#### NEW QUESTION 14

What are two valid methods to install a Guest Operating System on a virtual machine? (Choose two.)

- A. use vSphere Update Manager
- B. use ISO image
- C. deploy from snapshot
- D. configure pre-boot execution environment (PXE)

**Answer:** BD

#### NEW QUESTION 17

Which two VMware solutions help organizations plan for disaster recovery? (Choose two.)

- A. High Availability
- B. Fault Tolerance
- C. vSphere Replication
- D. Site Recovery Manager

**Answer:** CD

#### NEW QUESTION 22

Which Virtual Volumes service allows administrators to specify a set of storage requirements and capabilities for a virtual machine to match service levels required by hosted applications?

- A. Storage Police Based Management
- B. Quality of Service
- C. Virtual Datastore
- D. Protocol Endpoint

**Answer:** A

#### NEW QUESTION 26

What are two functionalities of vSphere vMotion? (Choose two)

- A. Monitors resource requirements in a cluster
- B. Avoids virtual machine downtime
- C. Migrates virtual machines from one ESXi host to another
- D. Allocates available resources among the virtual machines

**Answer:** BC

#### NEW QUESTION 27

An administrator works in a bank that has a highly regulated, secure environment. As the number of business clients increases, the administrator finds it difficult to monitor the environment and trend resource utilization. Which VMware product can help to provide a solution?

- A. AirWatch
- B. Virtual SAN
- C. vCenter Hypervisor
- D. vRealize Operations Manager

**Answer:** D

#### NEW QUESTION 28

What are three ways Data Center Virtualization can be beneficial? (Choose three.)

- A. It decentralizes resource management
- B. It reduces application provisioning time.
- C. It increases hardware utilization.
- D. It enables the policy-based allocation of resources
- E. it reduces capital and operating costs.

**Answer:** CDE

#### NEW QUESTION 29

Which two methods are supported when installing a Guest Operating System on a virtual machine? (Choose two.)

- A. ISO image
- B. vSAN
- C. Preboot execution environment
- D. NFS Share

**Answer:** AC

#### NEW QUESTION 31

What is the default number of logical ports for a standard switch?

- A. 150
- B. 120
- C. 80
- D. 100

**Answer:** B

#### NEW QUESTION 36

What two data center challenges might a company face without VMware vSphere? (Choose two)

- A. Failing hardware components
- B. increased downtime
- C. increased CPU usage
- D. Certificate management

**Answer:** BC

#### NEW QUESTION 38

What are three valid ESXi host states? (Choose three.)

- A. Maintenance Mode
- B. Disconnected
- C. Installing
- D. Connected
- E. Transition

**Answer:** CDE

#### NEW QUESTION 40

Tags can be assigned to which two object types? (Choose two.)

- A. Virtual machines
- B. Datastores
- C. Snapshots
- D. VMNICs

**Answer:** AB

#### NEW QUESTION 45

Which component provides data persistence in an all-flash storage architecture?

- A. Storage Area Network
- B. Solid State Drive
- C. NFS Replication
- D. iSCSI

**Answer:** B

#### NEW QUESTION 49

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

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

**Answer:** C

#### NEW QUESTION 51

A beverage company has a critical virtual machine running on vSphere. The virtual machine runs an application that controls the customer automatic bottling line. An outage of this virtual machine stops the line and results in enormous costs for the business. The application is extremely old and does not support application level clustering.

Which two vSphere features help reduce downtime for this critical virtual machine in case of ESXi host failure? (Choose two.)

- A. vShield endpoint
- B. Fault tolerance
- C. High availability
- D. Cross-vCenter vMotion

**Answer:** BC

#### NEW QUESTION 55

An organization wants to lower its formation technology costs associated with infrastructure management. The organization has implemented NSX and now wants to consolidate its storage architecture and tools so that all infrastructure resources can be managed from a single point.

Which option allows the organization to achieve the desired goal?

- A. vSAN
- B. Storage DRS
- C. Virtual Volumes
- D. Storage Policies

**Answer:** A

#### NEW QUESTION 59

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