

Exam Questions 1V0-621

VMware Certified Associate 6 – Data Center Virtualization

<https://www.2passeasy.com/dumps/1V0-621/>



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

What is the function of standard switches?

- A. They switch traffic internally between virtual machines in the same port group
- B. They switch traffic between virtual machines in other port groups
- C. They prefer port mirroring for virtual machines in the same port group
- D. They perform port mirroring simultaneously for virtual machines in all port groups

Answer: A

NEW QUESTION 3

What are two mam components of a vSphere virtual network? (Choose two.)

- A. Logical Router
- B. Distributed Virtual Switch
- C. Virtual Network Interface
- D. Distributed Firewall

Answer: BC

NEW QUESTION 4

What is the unit of storage management when virtualizing storage using virtual volumes

- A. Raw device mapping
- B. Lun
- C. Vmfs datastore
- D. Virtual machine and its disk

Answer: D

NEW QUESTION 5

Which two storage virtualization technologies can be used to mitigate the effects of latency during peak load periods? (Choose two.)

- A. Storage I/O Control
- B. VirtualSAN
- C. Virtual Volumes
- D. Storage Distributed Resource Scheduler

Answer: AD

NEW QUESTION 6

Which two statements describe the features of a cluster managed by vCenter Server? (Choose two)

- A. A Cluster is a package of multiple interoperating virtual machines that can be distributed in OVF format.
- B. Host Resources become part of the cluster's resources.
- C. A cluster consists of multiple networked ESXi hosts.
- D. Clusters require High Availability (HA) or vSphere Distributed Resource Scheduler (DRS) Solutions.

Answer: BD

NEW QUESTION 7

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 8

Refer to the Exhibit



What vSphere inventory object is represented by this image?

- A. Datastore Log
- B. VSAN License
- C. Customization Specification
- D. Storage Policy

Answer: D

NEW QUESTION 9

What are two ways vsphere cluster, enabled with high availability HA and distributed resource scheduler DRS , differs from traditional failover solution ? two choose .

- A. After a vsphere HA cluster is set up, all virtual machines in the cluster get failover support without additional configuration.
- B. Vsphere HA requires special software and drivers to be installed within the application or virtual machine.
- C. If a host fails, vsphere DRS can migrate virtual machines to optimize for increased workloads.
- D. Vsphere HA only protects availability of virtual machines installed on a stand alone esxi host.

Answer: AC

NEW QUESTION 10

What three types of objects can a Quick Filter be used to display? (Choose three)

- A. Resource Pools
- B. Clusters
- C. Virtual Switches
- D. Virtual machines
- E. Datastores

Answer: BDE

NEW QUESTION 10

What are two examples of Information that would be displayed in the Recent Tasks pane of the vSphere Web Client? (Choose two.)

- A. current Fault tolerance Status of a virtual machine.
- B. memory utilization of an ESXi host
- C. power operations of virtual machines
- D. progress of a vMotion migration for a virtual machine

Answer: BD

NEW QUESTION 13

What are two valid teaming and failover policies on a distributed port group ?

- A. Route based on the originating virtual port
- B. Route based on ether channel
- C. Route based on round robin
- D. Router based on ip hash

Answer: AD

Explanation:

<https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.networking.doc%2FGUID-796BBD4A-18E2-4E19-889C-C529AF011323.html>

NEW QUESTION 18

Which feature enables organizations to deploy virtual machines to multiple vSphere 6.x data centers?

- A. Long Distance vMotion
- B. Content Library
- C. Auto Deploy
- D. Replication

Answer: A

NEW QUESTION 19

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 21

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

What is Fault Tolerance logging?

- A. The act of logging a failure in the primary virtual machine and transferring to the secondary virtual machine in an FT pair
- B. The act of logging errors in data transfers between primary and secondary virtual machines in an FT pair.
- C. The act of logging runtime state changes made to the virtual machines in an FT pair.
- D. The act of transmitting runtime state information to the virtual machines in an FT pair.

Answer: A

NEW QUESTION 24

Which two options are possible with Data Center Virtualization? (Choose two.)

- A. Virtual machines can be live migrated in the event of unplanned downtime.
- B. Virtual machines can access the same hardware.
- C. Virtual machines can run independently of underlying hardware.
- D. Virtual machines can share host resources without possibility of contention.

Answer: BC

NEW QUESTION 26

An organization with on-premises infrastructure is planning to acquire a company currently using cloud-based resources. Following the acquisition, the organization will need to manage employee desktops and applications across both infrastructure types. Which solution would meet the organization's needs?

- A. Horizon Air
- B. HorizonFLEX
- C. vCloudAir
- D. vCloud Director

Answer: A

NEW QUESTION 27

Which two VMware vSphere components can be used to reduce downtime in the event of an ESXi host failure? (Choose two)

- A. High Availability
- B. vShield Endpoint
- C. vMotion
- D. Fault Tolerance

Answer: AC

NEW QUESTION 32

An organization is looking to lower their IT costs associated with infrastructure management. They have implemented vSphere and NSX and are now looking to consolidate their storage architecture and tools so that all infrastructure resources can be managed from a single pane-of-glass. Which tool will allow them to achieve the desired goal?

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

Answer: D

Explanation:

<http://www.vmware.com/products/vsphere/virtual-volumes.html>

NEW QUESTION 36

Which two are examples of information that would be displayed in the Activity pane for the vSphere Web Client? (Choose two.)

- A. The memory utilization of an ESXi host.
- B. The state of a vMotion for a virtual machine.
- C. A triggered alarm for an ESXi host.
- D. The current Fault Tolerance Status of a virtual machine.

Answer: BC

NEW QUESTION 41

What are two available methods for upgrading VMware Tools on a virtual machine? (Choose two.)

- A. attach the VMware Tools ISO to the VM and perform a manual update
- B. allow Windows to obtain new tools using Windows Update
- C. configure virtual machines to check and upgrade VMware Tools before each power on
- D. copy the updated files to C:\Documents and Settings\All Users\Application Data\VMware\VMware Tools\

Answer: AC

NEW QUESTION 45

In what two ways can an administrator limit the amount of vSphere Replication bandwidth on a network carrying other traffic? (Choose two.)

- A. By configuring Traffic Shaping on the vmkernel port used for replication.
- B. By configuring vSphere Replication on separate network hardware.
- C. By using Network I/O Control
- D. By using Storage I/O Control

Answer: AC

NEW QUESTION 49

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

- A. Snapshots
- B. vSphere Data protection
- C. High Availability
- D. Fault Tolerance.

Answer: CD

NEW QUESTION 54

What are two advantages of implementing Data Center Visualization? (Choose two.)

- A. Reduced application licensing costs
- B. Improved Disaster Recovery
- C. Rapid provisioning
- D. Unified application management

Answer: CD

NEW QUESTION 59

An operator is assigning a user to a folder containing virtual machines. The user should be able to power on and off the virtual machines in the folder but not perform any configuration changes.

What two options can be used to successfully set the user's permissions? (Choose two.)

- A. Assign the role using Propagate to children
- B. Assign the user the Virtual machine power user role on the folder object.
- C. Assign the user the Virtual machine user role on the folder object.
- D. Assign the role as a Global Permission

Answer: AC

NEW QUESTION 60

Which three actions can be taken with the VMware Remote Console? (Choose Three.)

- A. restart the ESXi host
- B. use a Removable Device
- C. configure VMware Tools updates
- D. suspend and resume a virtual Machine
- E. adjust VMware High Availability Configuration

Answer: BCD

NEW QUESTION 63

What are two available methods for updating VMware Tools on a virtual machine? (Choose two.)

- A. Configure virtual machines to check for and install newer versions of VMware Tools
- B. Downloading the newest version of VmwareTools.exe from vmware.com
- C. Attaching VMware Tools ISO to the VM and manually updating.
- D. Copy the updated files to C:\Documents and Settings\All Users\Application Data\VMware\VMware ToolsV

Answer: CD

NEW QUESTION 67

Which two features of vSphere help address virtual machine up-time challenges caused by host failures? (Choose two.)

- A. Virtual Volumes
- B. High Availability
- C. Snapshots
- D. Fault Tolerance

Answer: BD

NEW QUESTION 72

In which order are the virtual machines powered off when powering off a vApp?

- A. from highest to lowest network bandwidth consumption
- B. in alphabetical order by virtual machine name
- C. in the order in which they were powered on
- D. in reverse startup order

Answer: D

NEW QUESTION 77

Which vSphere feature, when combined with a supported third-party antivirus vendor, enables an administrator to offload antivirus processing from the guest to an appliance running on the ESXi host?

- A. Distributed switch
- B. vShield endpoint
- C. Storage I/O control
- D. Network I/O control

Answer: B

NEW QUESTION 79

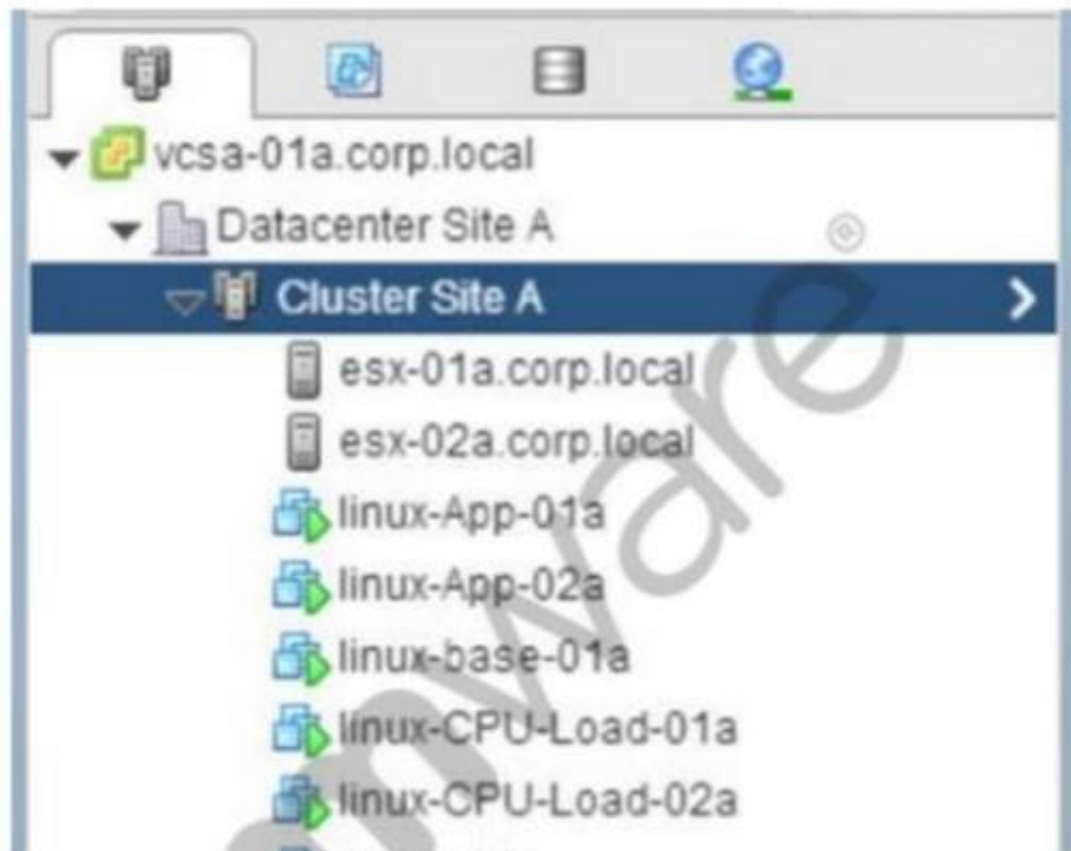
Which vSphere feature will help an administrator have zero-downtime for server maintenance in a datacenter?

- A. Snapshots
- B. Distributed power management
- C. Dynamic Resource Scheduler
- D. Resource Pools

Answer: C

NEW QUESTION 80

Refer to the Exhibit. An operator notices that the state of a Virtual Machine (VM) indicates that it is Invalid.



What condition could result in this state?

- A. The VM has been enabled for Fault Tolerance but one of the nodes is not functioning
- B. The VM no longer exists.
- C. The VM was imported from an older version of vSphere and is not compatible with vSphere 6.x.
- D. The VM has no virtual disk file.

Answer: D

NEW QUESTION 82

Which tab in the vSphere Web Client allows you to view the state of CPU and memory components for an ESXi Host?

- A. Hardware Status
- B. Configuration Status
- C. Cluster Status
- D. Resource Allocation Status

Answer: A

NEW QUESTION 86

Which data center challenge can vSphere solve?

- A. corrupted database entries
- B. inefficient airflow in hot aisles
- C. incorrect certificate friendly name
- D. inefficient virtual machine disk utilization

Answer: D

NEW QUESTION 90

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 92

Which storage visualization technology can be used to mitigate the effects of latency during peak load periods?

- A. Storage I/O Control
- B. Virtual SAN
- C. Virtual Volumes
- D. Distributed Resource Scheduler

Answer: A

NEW QUESTION 96

In which two ways is Storage DRS used in a vSphere implementation? (Choose two.)

- A. It balances virtual machine workloads automatically across ESXi hosts in a cluster.
- B. It reclaims overprovisioned capacity to increase resource utilization.
- C. It keeps workloads on storage devices more evenly balanced.
- D. It monitors the storage habits of virtual machines.

Answer: CD

NEW QUESTION 98

Which VMware product delivers intelligent operations management with application-to- storage visibility across physical, virtual, and cloud infrastructures?

- A. vRealize Operations Manager
- B. Site Recovery Manager
- C. vRealize Automation
- D. VMware NSX

Answer: A

NEW QUESTION 103

Which feature allows an administrator to configure virtual machines to startup and shutdown with an ESXi Host?

- A. Host Power Management
- B. Distributed Resource Scheduler
- C. Automatic Startup
- D. High Availability

Answer: C

NEW QUESTION 107

When powering off a vApp, in which order are the virtual machines powered off?

- A. in the order in which they were powered on
- B. in alphabetical order by virtual machine name.
- C. From highest to lowest startup order.
- D. From highest to lowest network bandwidth consumption

Answer: C

NEW QUESTION 110

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 114

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 116

Which two challenges could be resolved by Implementing Data Center Virtualization? (Choose two.)

- A. An organization's physical server Infrastructure is approaching 90% utilization.
- B. An organization's physical server Infrastructure averages 30% utilization.
- C. The IT department is reporting slow storage performance.
- D. The IT department spends significant budget on power and cooling requirements.

Answer: AD

NEW QUESTION 121

What are three valid vCenter inventory objects? (Choose three.)

- A. Distributed Resource Scheduler
- B. Datacenter
- C. Datastore
- D. Cluster
- E. High Availability

Answer: BCD

NEW QUESTION 125

An administrator works in a bank that has a highly regulated, secure environment. As the number of business clients increases, the administrator is finding 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 130

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

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

Answer: B

NEW QUESTION 131

Which options are possible with Data Center Visualization? (Choose two.)

- A. Virtual machines can be live migrated In the event of unplanned outage.
- B. Virtual machines can share the sane hardware resources.
- C. Virtual machines can easily migrate off of underlying hardware.
- D. Virtual machines can share host resources without possibility of contention.

Answer: AB

NEW QUESTION 132

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 135

Which three prerequisites are needed to use the VMware Remote Console? (Choose three.)

- A. Virtual machine is powered on
- B. Network IP Configured.
- C. VMware Tools installed.
- D. Guest Operating System installed
- E. VMware Tools installation ISO attached.

Answer: ABC

NEW QUESTION 138

What are three valid inventory objects in vcenter server? (three choose)

- A. Virtual machine
- B. Host profiles
- C. Datacenter
- D. Cluster
- E. DRS

Answer: BCD

Explanation:

<https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vcenterhost.doc%2FGUID-4D4B3DF2-D033-4782-A030-3C3600DE5A7F.html>

NEW QUESTION 140

Which three chart styles are available when viewing performance metrics in the vSphere web client? (Choose three.)

- A. Bar chat
- B. Scatter chat
- C. Line chat
- D. Pie chat
- E. Histogram chat

Answer: ACD

NEW QUESTION 144

Which two chart types are available when viewing performance metrics in the vSphere Web Client? (Choose two.)

- A. Venn diagram
- B. scatter plot
- C. Gantt chart
- D. line chart
- E. pie chart

Answer: DE

NEW QUESTION 146

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

- A. it sets network reservations for physical traffic entering vSphere Distributed Switches.
- B. it enforces a network bandwidth limit on vSphere Distributed Switches
- C. it maintains the network runtime state for virtual machines

D. it performs load-based teaming for workloads on teamed vNICs.

Answer: BD

NEW QUESTION 151

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 155

What are three valid power states of virtual machines? (Choose three.)

- A. Powered Off
- B. Powered On
- C. Suspended
- D. Running
- E. Paused

Answer: ABC

NEW QUESTION 159

An operator installs an OS to a new virtual machine (VM) using a DVD inserted into the ESXi host. Later, the operator notices that a vMotion migration on the new VM fails. What action needs to be taken in order for the vMotion migration to succeed?

- A. initiate a high-priority vmotion
- B. Add a virtual CD/DVD drive to the VM.
- C. Add a CD/DVD drive to the target ESXi host
- D. Disconnect the CD/DVD drive from the VM.

Answer: D

NEW QUESTION 161

A beverage company has a critical virtual machine running on vsphere . The virtual machine runs an application that controls the customer automatic botting line. An outage of this virtual machines 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-v center vmotion

Answer: BC

NEW QUESTION 163

What are three valid ESXi host states?

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

Answer: ABD

NEW QUESTION 164

An organization with 3 separate datacenters is looking to standardize their virtual templates

What vSphere feature will allow them to centrally manage the distribution of the VM templates to all 3 datacenters?

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

Answer: D

NEW QUESTION 166

How does Storage I/O Control protect the service level of critical virtual machines?

- A. Gives preferential I/O resource allocation to critical virtual machines

- B. Allocates I/O resources equally among all virtual machines
- C. Monitors the storage habits of the virtual machines
- D. takes a count of virtual machines on the storage device

Answer: A

NEW QUESTION 171

An administrator needs to increase the amount of startup delay there so that they can edit the BIOS of the virtual machine. Which option tab will allow them to configure the setting?

- A. Boot Options
- B. VM Options
- C. Virtual Hardware
- D. Power Management

Answer: B

NEW QUESTION 174

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