

1V0-621 Dumps

VMware Certified Associate 6 – Data Center Virtualization

<https://www.certleader.com/1V0-621-dumps.html>



NEW QUESTION 1

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 2

The vRealize Suite provides high availability and business continuity disaster recovery for which of these three components? (Choose three)

- A. Routers
- B. Switches
- C. Clusters
- D. servers
- E. Applications

Answer: CDE

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

In which two situations should data collection level 4 be used for performance monitoring within vcenter server ? (choose two).

- A. For short term performance monitoring
- B. For long term performance monitoring
- C. when collecting all available metrics
- D. when collecting the least number of metrics

Answer: AC

NEW QUESTION 5

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 6

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 7

Which two statements are true about VMware vSphere? (Choose two.)

- A. It enables recovery from unplanned downtime.
- B. It enables desktop virtualization using Workstation.
- C. It enables administrators to upgrade operating systems.
- D. It enables planned live migration using long-distance vMotion.

Answer: AD

NEW QUESTION 8

What are three benefits of Data Center Visualization? (Choose three.)

- A. adds unlimited network bandwidth
- B. has high application availability
- C. increases efficiency
- D. automates application discovery
- E. reduces capital and operating costs

Answer: BCE

NEW QUESTION 9

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 10

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. Remove the DVD from the ESXi host
- B. Add a virtual CD/DVD drive to the VM.
- C. Add a virtual CD/DVD drive to the target ESXi.
- D. Disconnect the CD/DVD drive from the VM.

Answer: D

NEW QUESTION 10

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 13

How many virtual network adapters can be connected to each port of the vNetwork Standard Switch?

- A. 1
- B. 2
- C. 3
- D. 5

Answer: C

NEW QUESTION 16

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 19

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 24

Which three of these statements are true about vRealize Suite? (Choose three)

- A. provides availability for unplanned downtime for mission-critical application
- B. provides availability for planned live migration using long-distance vMotion

- C. provides a self-service provisioning portal to make infrastructure costs transparent to users before consumption
- D. Enables desktop virtualization using Workstation
- E. Enables administrator to migrate operating system

Answer: CDE

NEW QUESTION 26

In what two ways can vSphere Replication minimize network bandwidth consumption while replicating and storing virtual machines?

- A. it can use pre-shipped VMDK files as seeds
- B. It limits CPU cycles used during data transfer.
- C. it can use dedicated network resources for replication.
- D. It stores the replicated data in compressed format

Answer: CD

NEW QUESTION 29

When virtualizing storage using Virtual Volumes, what is the primary unit of storage management?

- A. An NFS Datastore
- B. AVMFS Datastore
- C. A virtual disk
- D. A virtual machine

Answer: C

NEW QUESTION 34

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 38

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 42

When using a standard switch in the network how many network adapters can you connect to each port?

- A. One
- B. two
- C. three
- D. five

Answer: A

NEW QUESTION 47

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 48

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 51

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 id control
- D. Network io control

Answer: B

NEW QUESTION 54

What two objects can be managed when selecting a vSphere Distributed Switch from the Network inventory hierarchy in the vSphere Web Client? (Choose two.)

- A. VMNICs
- B. Distributed Ports
- C. Distributed Port Groups
- D. Uplink Port Groups

Answer: BD

NEW QUESTION 59

Which feature dynamically consolidates workloads during periods of low resource utilization?

- A. Distributed Power Management
- B. Dynamic Resource Scheduler
- C. vMotion
- D. Storage vMotion

Answer: A

NEW QUESTION 64

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 69

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 72

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 73

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

- 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: AD

NEW QUESTION 74

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 76

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 78

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 79

Which two represent challenges that could be met by Data Center Virtualization? (Choose two.)

- A. An organization is reporting that it takes 24 hours to provision new desktops.
- B. An organization is reporting that servers become unavailable for a short time during unplanned downtime.
- C. An organization's server team requires 1-2 hours of downtime for applications when performing planned hardware maintenance.
- D. An organization's server team requires 5 business days to provision a new server

Answer: AD

NEW QUESTION 83

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 same 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 88

Which two features of vSphere helps organizations plan for disaster recovery? (Choose two)

- A. High Availability
- B. vSphere Replication
- C. Fault Tolerance
- D. Data Protection

Answer: BD

Explanation:

vSphere Data Protection (VDP) creates image-level backups of VMs within your environment. It essentially captures the entire VM entity and stores it in a specified location. In the event of a VM deletion or other similar disaster, the VM can be restored in its entirety utilizing VDP.

vSphere Replication (VR) is a vSphere feature that copies VM information from one location to another. These locations can be within the same cluster, a different cluster, a different vCenter, or even a different datacenter. It is a continual copy of a VMs state performed on a defined interval. As with VADP, it replicates only the changes made since the last interval to reduce network bandwidth and increase copy times.

NEW QUESTION 90

Which two statements about virtual switches in vsphere virtual networking are true ?

- A. It monitors metadata about communications that occur in a network
- B. It can create isolated networks for testing and development .
- C. It performs application layer load balancing .
- D. It attaches virtual machines to the physical network.

Answer: CD

NEW QUESTION 93

Which two statements are true about Virtual SAN Datastores? (Choose two,).

- A. Can be configured on the fly
- B. Requires formatting with a file system during configuration.
- C. Exposes a set of data services accessible to the virtual machines.
- D. Requires a compatible HBAIN the host

Answer: AD

NEW QUESTION 97

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

NEW QUESTION 98

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 103

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 104

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 107

What are two benefits that virtual machines provide over physical machines? (Choose two.)

- A. VMs with different operating systems can run on the same physical machine.
- B. VMs can be isolated from one another on the same network switch.
- C. VMs can access large Storage Area Networks (SANs).
- D. VMs can be isolated from one another even on the same physical machine.

Answer: AD

NEW QUESTION 109

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: AC

NEW QUESTION 110

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 115

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 120

What are three valid ESXi host states?

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

Answer: ABD

NEW QUESTION 121

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 124

What should be done if an administrator wants to use Storage DRS, but prevent it from performing balancing functions automatically?

- A. Use manual mode in Storage DRS
- B. Use Storage vMotion
- C. Use automatic mode in Storage DRS
- D. Disable Storage DRS

Answer: A

NEW QUESTION 126

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

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 131

Which two VMware vSphere components provide automated uptime protection in a software-defined data center? (Choose two)

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

Answer: BD

NEW QUESTION 136

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

- A. Unified resource management
- B. Automated provisioning
- C. Automated Disaster Recovery
- D. Unified application management

Answer: CD

NEW QUESTION 141

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