

1V0-621 Dumps

VMware Certified Associate 6 – Data Center Virtualization

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NEW QUESTION 1

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 2

A company has recently incurred financial loss due to a crashed server.

Which two VMware vSphere features should this company implement to minimize unplanned application downtime? (Choose two.)

- A. Enhanced vMotion Capability
- B. Fault Tolerance
- C. Virtual Volumes
- D. High Availability

Answer: BD

NEW QUESTION 3

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 4

An operator is searching for all virtual machines with the text SQL in the name and a Guest OS type of Windows Server 2012 Datacenter Edition R2 Which is the minimum search type that can be used to meet this requirement, and what results will be supplied?

- A. ASimple Search, which will show all results.
- B. AnAdvanced Search, which will show only results that the operator has permissions to view.
- C. AnAdvanced Search, which will show all results.
- D. ASimple Search, which will show only results that the operator has permissions to view.

Answer: B

NEW QUESTION 5

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 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 two are managed storage objects that can be administered through the Storage inventory hierarchy in the vSphere Web Client? (Choose two)

- A. Virtual Volumes
- B. Virtual disks
- C. Datastores
- D. Datastore Clusters

Answer: CD

NEW QUESTION 8

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 9

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 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 10

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 11

What does Distributed Power Management (DPM) do when workloads increase during peak times?

- A. Migrates virtual machines to hosts to balance power consumption
- B. Brings powered-down hosts back online
- C. Brings powered-down virtual machines back online
- D. Adds additional resources to DPM-enabled clusters to handle workload

Answer: B

Explanation:

VMware DPM is a function provided by DRS to reduce energy consumption during off peak times. When enabled, DPM monitors the environment for activity on the cluster and will consolidate VMs to as few ESXi hosts as are required to host the workloads and still satisfy availability constraints. After the workloads have been consolidated, DPM shut downs hosts into standby mode. DPM automates and optimizes energy management in the datacenter, so that an administrator can cut the power costs during off peak times of resource utilization. When utilization increases, DPM automatically restarts the ESXi hosts that have been put into standby, thereby fulfilling the demand for resources.

NEW QUESTION 16

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 21

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 24

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

NEW QUESTION 27

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 30

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 35

Which two are examples of information that would be displayed in the Activity pane fo 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 38

What are the two features of vShpere 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 42

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 47

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 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 50

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 53

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 58

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 62

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 63

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 65

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 68

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 69

What is the network technology used by VMware Software-Defined Data Centers to virtualize network resources?

- A. NSXb vCloud Networking and Security
- B. EVOSDDC
- C. vSphere Network I/O Control

Answer: A

NEW QUESTION 74

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 78

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 81

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 84

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 88

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 90

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 93

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

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

Answer: B

NEW QUESTION 94

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 98

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 100

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

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

Answer: AB

NEW QUESTION 105

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 109

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 113

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 114

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 115

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 118

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 122

What are three valid ESXi host states?

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

Answer: ABD

NEW QUESTION 125

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 129

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 131

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 133

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 134

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