1V0-621 41 Questions VMware Data Center Virtualization

Exam Code: 1V0-621
Certification: VMware Certified Associate 6
Posted: 2017-05-26
Find more in Aoowe

Question 1
Which process could be used to increase compute resources to a virtual machine (VM) without first powering down?
Which process could be used to increase compute resources to a virtual machine (VM) without first powering down?
A. Increase the CPU Share value on the VM.
B. Move the VM into a Resource Pool with a larger CPU resource allocation.
C. vMotion the VM to an ESXi host with greater CPU capacity.
D. Add a vCPU to the VM using CPU hot add.

Correct Answer: A
Explanation/Reference:

Question 2
Which is the minimum search type that can be used to meet this requirement, and what results will be supplied?
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. A Simple Search, which will show all results.
B. An Advanced Search, which will show only results that the operator has permissions to view.
C. An Advanced Search, which will show all results.
D. A Simple Search, which will show only results that the operator has permissions to view.

Correct Answer: B
Explanation/Reference:

Question 3
What are two advantages of implementing Data Center Virtualization?
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

Correct Answer: AB
Explanation/Reference:

http://www.aoowe.com/practice-1v0-621-3101.html
Question 4
Which two are challenges that could be resolved by implementing data center virtualization?
Which two are challenges that could be resolved by implementing data center virtualization? (Choose two.)
A. The IT department allocates 60% of its budget to maintain server infrastructure.
B. An organization’s physical server infrastructure averages 30% utilization.
C. The IT department is reporting increased security threats at the server level.
D. An organization’s physical server infrastructure is approaching 90% utilization.
Correct Answer: AD
Explanation/Reference:

Question 5
How many days does vSphere keep information about tasks and events?
By default, how many days does vSphere keep information about tasks and events?
A. 60
B. 14
C. 30
D. 7
Correct Answer: C
Explanation/Reference:

Question 6
What condition could result in this state?
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.
Correct Answer: D
Explanation/Reference:

Question 7
What does Distributed Power Management (DPM) do when workloads increase during peak times?
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.
Correct Answer: D
Explanation/Reference:
Reference: http://searchvmware.techtarget.com/tip/Using-VMware-Distributed-Power-Management-
The-basics

**Question 8**
What three types of objects can a Quick Filter be used to display?
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

Correct Answer: BDE
Explanation/Reference:

**Question 9**
Which two storage virtualization technologies can be used to mitigate the effects of latency during peak load periods?
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. Virtual SAN
C. Virtual Volumes
D. Storage Distributed Resource Scheduler

Correct Answer: AD
Explanation/Reference:

**Question 10**
What two ways can an administrator limit the amount of vSphere Replication bandwidth on a network carrying other traffic?
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

Correct Answer: AC
Explanation/Reference:

**Question 11**
When powering off a vApp, in which order are the virtual machines powered off?
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.

Correct Answer: C
Question 12
What are two benefits that virtual machines provide over physical machines?
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.

Correct Answer: AD

Explanation/Reference:

Question 13
What two options can be used to successfully set the user’s permissions?
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.

Correct Answer: AC

Explanation/Reference:

Question 14
Which two are examples of information that would be displayed in the Activity pane for the vSphere
Web Client?
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.

Correct Answer: AC

Explanation/Reference:

Question 15
What are the two features of vSphere that help address the availability challenges that organizations
face?
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.

http://www.aoowe.com/practice-1v0-621-3101.html
Correct Answer: CD
Explanation/Reference:

**Question 16**
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.

Correct Answer: AD
Explanation/Reference:

**Question 17**
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

Correct Answer: BD
Explanation/Reference:

**Question 18**
Which two are valid descriptions of how Storage DRS is used in a vSphere implementation? (Choose two.)

A. It reclaims overprovisioned capacity to increase resource utilization.
B. It keeps workloads on storage devices more evenly balanced.
C. It monitors the storage habits of virtual machines.
D. It allows you to set shares on VMFS datastores to manage congestion.

Correct Answer: AC

**Question 19**
Which option tab will allow them to configure the setting?
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

Correct Answer: A
Explanation/Reference:

Question 20
What are two main components of a vSphere virtual network?
A. Logical Router
B. Distributed Virtual Switch
C. Virtual Network Interface
D. Distributed Firewall

Correct Answer: BC
Explanation/Reference:

Question 21
Which two represent challenges that could be met by Data Center Virtualization?
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.

Correct Answer: BD
Explanation/Reference:

Question 22
What are two available methods for updating VMware Tools on a virtual machine?
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 SettingsAll UsersApplication DataVMware VMware Tools.

Correct Answer: CD
Explanation/Reference:

Question 23
Which tool will allow them to achieve the desired goal?
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

Correct Answer: A
Explanation/Reference:

Question 24
Which solution would meet the organization’s needs?
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. Horizon FLEX
C. vCloud Air
D. vCloud Director

Correct Answer: A
Explanation/Reference:

Question 25
When virtualizing storage using Virtual Volumes, what is the primary unit of storage management?
A. An NFS Datastore
B. A VMFS Datastore
C. A virtual disk
D. A virtual machine

Correct Answer: C
Explanation/Reference:

Question 26
What is the network technology used by VMware Software-Defined Data Centers to virtualize network resources?
A. NSX
B. vCloud Networking and Security
C. EVO SDDC
D. vSphere Network I/O Control

Correct Answer: A
VMware’s network virtualization platform, NSX, deploys on top of existing physical network hardware and supports the newest fabrics and geometries from all vendors. Existing applications and monitoring tools work smoothly with NSX without any modifications.

**Question 27**
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

Correct Answer: AC

**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.

Correct Answer: CDE

**Question 29**
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.

Correct Answer: A

**Question 30**
Which of these products is a cloud management platform that is purpose-built for heterogeneous data centers and the hybrid cloud?
A. vCloud Air
Question 31
What available power state control will allow the administrator to perform the action?
An administrator needs to gracefully reboot a virtual machine that has VMware Tools installed.
What available power state control will allow the administrator to perform the action?
A. Restart Guest
B. Shut Down Guest
C. Suspend
D. Reset

Correct Answer: A
Explanation/Reference:

Question 32
Which three prerequisites are needed to use the VMware Remote Console?
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.

Correct Answer: ABC
Explanation/Reference:

Question 33
Which three chart styles are available when viewing performance metrics in the vSphere web client?
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

Correct Answer: ACD
Explanation/Reference:

Question 34
Which two features of vSphere helps organizations plan for disaster recovery?
Which two features of vSphere helps organizations plan for disaster recovery? (Choose two.)
A. High Availability
B. vSphere Replication

http://www.aoowe.com/practice-1v0-621-3101.html
C. Fault Tolerance
D. Data Protection

Correct Answer: AB
Explanation/Reference:

Question 35
Which two vSphere 6.x technologies simplify management in data centers with multiple vCenter instances?
Which two vSphere 6.x technologies simplify management in data centers with multiple vCenter instances? (Choose two.)
A. Content Library
B. Long Distance vMotion
C. Distributed Resource Scheduler
D. vSphere Distributed Switch

Correct Answer: BC
Explanation/Reference:

Question 36
What are two capabilities of Network I/O Control?
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.

Correct Answer: BD
Explanation/Reference:

Question 37
Which vSphere feature automatically optimized resource utilization and responds to workload requirements?
Which vSphere feature automatically optimized resource utilization and responds to workload requirements?
A. Dynamic Resource Scheduler
B. Data Protection
C. Storage DRS
D. Storage I/O Control

Correct Answer: C
Explanation/Reference:

Question 38
What two ways can vSphere Replication minimize network bandwidth consumption while replicating and storing virtual machines?
In what two ways can vSphere Replication minimize network bandwidth consumption while replicating and storing virtual machines?

http://www.a0owe.com/practice-1v0-621-3101.html
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.

Correct Answer: CD
Explanation/Reference:

**Question 39**
Which two resources are the most impacted in the infrastructure sprawl experienced in non-virtualized data centers?
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

Correct Answer: BD
Explanation/Reference:

**Question 40**
Which tab in the vSphere Web Client allows you to view the state of CPU and memory components for an ESXi Host?
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

Correct Answer: A
Explanation/Reference:

**Question 41**
Which storage format can be used to deploy datastores on block storage devices?
Which storage format can be used to deploy datastores on block storage devices?
A. Virtual Volumes
B. NFS
C. VMFS
D. iSCSI

Correct Answer: C
Explanation/Reference: