



2V0-621

VMware Certified Professional 6 - Data Center Virtualization

Exam Summary – Syllabus – Questions

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Introduction to 2V0-621 Exam on VMware Certified Professional 6 - Data Center Virtualization

The VMware 2V0-621 exam preparation guide is designed to provide candidates with necessary information about the VCP6-DCV exam. It includes exam summary, sample questions, practice test, objectives and ways to interpret the exam objectives to enable candidates to assess the types of questions-answers that may be asked during the VMware Certified Professional 6 - Data Center Virtualization (VCP6-DCV) exam.

It is recommended for all the candidates to refer the 2V0-621 objectives and sample questions provided in this preparation guide. The VMware VCP6-DCV certification is mainly targeted to the candidates who want to build their career in Data Center Virtualization domain and demonstrate their expertise. We suggest you to use practice exam listed in this cert guide to get used to with exam environment and identify the knowledge areas where you need more work prior to taking the actual VMware Certified Professional 6 - Data Center Virtualization exam.

VMware 2V0-621 Certification Details:

Exam Name	VMware Certified Professional 6 - Data Center Virtualization (VCP6-DCV)
Exam Code	2V0-621
Exam Price	\$250 USD
Duration	120 minutes
Number of Questions	85
Passing Score	300 / 500
Recommended Training / Books	Sphere: Optimize and Scale [V6]
Schedule Exam	PEARSON VUE
Sample Questions	VMware 2V0-621 Sample Questions
Recommended Practice	VMware Certified Professional 6 - Data Center Virtualization (VCP6-DCV) Practice Test

VMware 2V0-621 Exam Syllabus:

Section	Objectives
Section 1: Configure and Administer vSphere 6.x Security	
Configure and Administer Role-based Access Control	<p>Knowledge:</p> <ul style="list-style-type: none"> - Compare and contrast propagated and explicit permission assignments - View/Sort/Export user and group lists - Add/Modify/Remove permissions for users and groups on vCenter Server inventory objects - Determine how permissions are applied and inherited in vCenter Server - Create/Clone/Edit vCenter Server Roles - Configure VMware Directory Service - Apply a role to a User/Group and to an object or group of objects - Change permission validation settings - Determine the appropriate set of privileges for common tasks in vCenter Server - Compare and contrast default system/sample roles - Determine the correct permissions needed to integrate vCenter Server with other VMware products <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Security Guide - What's New in the VMware vSphere® 6.0 Platform - vSphere Administration with the vSphere Client Guide - vSphere Client / vSphere Web Client
Secure ESXi, vCenter Server, and vSphere Virtual Machines	<p>Knowledge:</p> <ul style="list-style-type: none"> - Harden virtual machine access <ol style="list-style-type: none"> 1. Control VMware Tools installation 2. Control VM data access 3. Configure virtual machine security policies - Harden a virtual machine against Denial-of-Service attacks <ol style="list-style-type: none"> 1. Control VM-VM communications 2. Control VM device connections 3. Configure network security policies - Harden ESXi Hosts

	<ol style="list-style-type: none"> 1. Enable/Configure/Disable services in the ESXi firewall 2. Change default account access 3. Add an ESXi Host to a directory service 4. Apply permissions to ESXi Hosts using Host Profiles 5. Enable Lockdown Mode 6. Control access to hosts (DCUI/Shell/SSH/MOB) <p>- Harden vCenter Server</p> <ol style="list-style-type: none"> 1. Control datastore browser access 2. Create/Manage vCenter Server Security Certificates 3. Control MOB access 4. Change default account access 5. Restrict administrative privileges <p>- Understand the implications of securing a vSphere environment</p> <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Security Guide - What's New in the VMware vSphere® 6.0 Platform - Security of the VMware vSphere® Hypervisor - vSphere Administration with the vSphere Client Guide - VMware Hardened Virtual Appliance Operations Guide added to Tech Resource Directory - vSphere Client / vSphere Web Client
<p>Enable SSO and Active Directory Integration</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Describe SSO architecture and components - Differentiate available authentication methods with VMware vCenter - Perform a multi-site SSO installation - Configure/Manage Active Directory Authentication - Configure/Manage Platform Services Controller (PSC) - Configure/Manage VMware Certificate Authority (VMCA) - Enable/Disable Single Sign-On (SSO) Users - Upgrade a single/multi-site SSO installation - Configure SSO policies - Add/Edit/Remove SSO identity sources - Add an ESXi Host to an AD domain <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Security Guide

	<ul style="list-style-type: none"> - What's New in the VMware vSphere® 6.0 Platform - VMware vCenter Server™ 6.0 Deployment Guide - Direct Console User Interface (DCUI) - vSphere Client / vSphere Web Client
Section 2: Configure and Administer Advanced vSphere 6.x Networking	
Configure Advanced Policies/Features and Verify Network Virtualization Implementation	<p>Knowledge:</p> <ul style="list-style-type: none"> - Create/Delete a vSphere Distributed Switch - Add/Remove ESXi Hosts from a vSphere Distributed Switch - Add/Configure/Remove dvPort groups - Add/Remove uplink adapters to dvUplink groups - Configure vSphere Distributed Switch general and dvPort group settings - Create/Configure/Remove virtual adapters - Migrate virtual machines to/from a vSphere Distributed Switch - Configure LACP on vDS given design parameters - Describe vDS Security Polices/Settings - Configure dvPort group blocking policies - Configure load balancing and failover policies - Configure VLAN/PVLAN settings for VMs given communication requirements - Configure traffic shaping policies - Enable TCP Segmentation Offload support for a virtual machine - Enable Jumbo Frames support on appropriate components - Recognize behavior of vDS Auto-Rollback - Configure vDS across multiple vCenter Servers to support [Long Distance vMotion] - Compare and contrast vSphere Distributed Switch (vDS) capabilities <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Networking Guide - What's New in the VMware vSphere® 6.0 Platform - Leveraging NIC Technology to Improve Network Performance in VMware vSphere - VDS Network Health Check - vSphere Client / vSphere Web Client
Configure Network I/O Control (NIOC)	<p>Knowledge:</p> <ul style="list-style-type: none"> - Define NIOC - Explain NIOC capabilities - Configure NIOC shares/limits based on VM requirements - Explain the behavior of a given NIOC setting

	<ul style="list-style-type: none"> - Determine Network I/O Control requirements - Differentiate Network I/O Control capabilities - Enable/Disable Network I/O Control - Monitor Network I/O Control <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Networking Guide - What's New in the VMware vSphere® 6.0 Platform - Performance Evaluation of Network I/O Control in VMware vSphere 6 - vSphere Client / vSphere Web Client
Section 3: Configure and Administer Advanced vSphere 6.x Storage	
Manage vSphere Storage Virtualization	<p>Knowledge:</p> <ul style="list-style-type: none"> - Discover new storage LUNs - Configure FC/iSCSI/FCoE LUNs as ESXi boot devices - Create an NFS share for use with vSphere - Enable/Configure/Disable vCenter Server storage filters - Configure/Edit hardware/dependent hardware initiators - Enable/Disable software iSCSI initiator - Configure/Edit software iSCSI initiator settings - Configure iSCSI port binding - Enable/Configure/Disable iSCSI CHAP - Determine use cases for fiber channel zoning - Compare and contrast array thin provisioning and virtual disk thin provisioning <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Storage Guide - Best Practices for Running VMware vSphere® on iSCSI - vSphere Client / vSphere Web Client
Configure Software-defined Storage	<p>Knowledge:</p> <ul style="list-style-type: none"> - Explain VSAN and VVOL architectural components - Determine the role of storage providers in VSAN - Determine the role of storage providers in VVOLs - Explain VSAN failure domains functionality - Configure/Manage VMware Virtual SAN - Create/Modify VMware Virtual Volumes (VVOLs) - Configure Storage Policies - Enable/Disable Virtual SAN Fault Domains - Create Virtual Volumes given the workload and availability requirements - Collect VSAN Observer output - Create storage policies appropriate for given workloads

	<p>and availability requirements</p> <ul style="list-style-type: none"> - Configure VVOLs Protocol Endpoints <p>Tools:</p> <ul style="list-style-type: none"> - Administering VMware Virtual SAN - vSphere Storage Guide - What's New: VMware Virtual SAN 6.0 - What's New in the VMware vSphere® 6.0 Platform - Virtual SAN 6.0 Performance: Scalability and Best Practices - vSphere Client / vSphere Web Client
<p>Configure vSphere Storage Multi-pathing and Failover</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Explain common multi-pathing components - Differentiate APD and PDL states - Given a scenario, compare and contrast Active Optimized vs. Active non-Optimized port group states - Explain features of Pluggable Storage Architecture (PSA) - Understand the effects of a given claim rule on multipathing and failover - Explain the function of claim rule elements: <ol style="list-style-type: none"> 1. Vendor 2. Model 3. Device ID 4. SATP 5. PSP - Change the Path Selection Policy using the UI - Determine required claim rule elements to change the default PSP - Determine the effect of changing PSP on Multipathing and failover - Determine the effects of changing SATP on relevant device behavior - Configure/Manage Storage Load Balancing - Differentiate available Storage Load Balancing options - Differentiate available Storage Multi-pathing Policies - Configure Storage Policies - Locate failover events in the UI <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Storage Guide - Multipathing Configuration for Software iSCSI Using Port Binding vSphere Client / vSphere Web Client

<p>Perform Advanced VMFS and NFS Configurations and Upgrades</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Describe VAAI primitives for block devices and NAS - Differentiate VMware file system technologies - Upgrade VMFS3 to VMFS5 - Compare functionality of newly created vs. upgraded VMFS5 datastores - Differentiate Physical Mode RDMs and Virtual Mode RDMs - Create a Virtual/Physical Mode RDM - Differentiate NFS 3.x and 4.1 capabilities - Compare and contrast VMFS and NFS datastore properties - Configure Bus Sharing - Configure Multi-writer locking - Connect an NFS 4.1 datastore using Kerberos - Create/Rename/Delete/Unmount VMFS datastores - Mount/Unmount an NFS datastore - Extend/Expand VMFS datastores - Place a VMFS datastore in Maintenance Mode - Select the Preferred Path/Disable a Path to a VMFS datastore - Enable/Disable vStorage API for Array Integration (VAAI) - Given a scenario, determine a proper use case for multiple VMFS/NFS datastores <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Storage Guide - VMware vSphere® Storage APIs – Array Integration (VAAI) - vSphere Client / vSphere Web Client
<p>Setup and Configure Storage I/O Control</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Describe the benefits of SIOC - Enable and configure SIOC - Configure/Manage SIOC - Monitor SIOC - Differentiate between SIOC and Dynamic Queue Depth Throttling features - Given a scenario, determine a proper use case for SIOC - Compare and contrast the effects of I/O contention in environments with and without SIOC <p>Tools:</p> <ul style="list-style-type: none"> - Administering VMware Virtual SAN - vSphere Storage Guide-

	<ul style="list-style-type: none"> - vSphere Resource Management Guide - vSphere Client / vSphere Web Client
Section 4: Upgrade a vSphere Deployment to 6.x	
Perform ESXi Host and Virtual Machine Upgrades	<p>Knowledge:</p> <ul style="list-style-type: none"> - Configure download source(s) - Setup UMDS to setup download repository - Import ESXi images - Create Baselines and/or Baseline groups - Attach Baselines to vSphere objects - Scan vSphere objects - Stage patches & Extensions - Remediate an object - Upgrade a vSphere Distributed Switch - Upgrade VMware Tools - Upgrade Virtual Machine hardware - Upgrade an ESXi Host using vCenter Update Manager - Stage multiple ESXi Host upgrades - Align appropriate baselines with target inventory objects. <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Upgrade Guide - vSphere Virtual Machine Administration Guide - vSphere Client / vSphere Web Client
Perform vCenter Server Upgrades	<p>Knowledge:</p> <ul style="list-style-type: none"> - Compare the methods of upgrading vCenter Server - Backup vCenter Server database, configuration and certificate datastore - Perform update as prescribed for Appliance or Installable - Upgrade vCenter Server Appliance (vCSA) - Given a scenario, determine the upgrade compatibility of an environment - Determine correct order of steps to upgrade a vSphere implementation <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Upgrade Guide - VMware vCenter Server™ 6.0 Deployment Guide - Command-Line Installation and Upgrade of VMware vCenter Server Appliance 6.0 - Command-Line Installation and Upgrade of VMware vCenter Server 6.0 for Windows - vSphere Client / vSphere Web Client

Section 5: Administer and Manage vSphere 6.x Resources	
Configure Advanced/Multilevel Resource Pools	<p>Knowledge:</p> <ul style="list-style-type: none"> - Determine the effect of the Expandable Reservation parameter on resource allocation - Create a resource pool hierarchical structure - Configure custom resource pool attributes - Determine how resource pools apply to vApps - Describe vFlash architecture - Create/Remove a Resource Pool - Add/Remove virtual machines from a Resource Pool - Create/Delete vFlash Resource Pool - Assign vFlash resources to VMDKs - Given a scenario, determine appropriate shares, reservations and limits for hierarchical Resource Pools <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Resource Management Guide - vSphere Virtual Machine Administration Guide - What's New in VMware vSphere® Flash Read Cache® - vSphere Client / vSphere Web Client
Section 6: Backup and Recover a vSphere Deployment	
Configure and Administer a vSphere Backups/Restore/Replication Solution	<p>Knowledge:</p> <ul style="list-style-type: none"> - Compare and contrast vSphere Replication compression methods - Differentiate VMware Data Protection capabilities - Configure recovery point objective (RPO) for a protected virtual machine - Explain VMware Data Protection sizing guidelines - Create/Delete/Consolidate virtual machine snapshots - Install and Configure VMware Data Protection - Create a backup job with VMware Data Protection - Backup/Restore a virtual machine with VMware Data Protection - Install/Configure/Upgrade vSphere Replication - Configure VMware Certificate Authority (VMCA) integration with vSphere Replication - Configure vSphere Replication for Single/Multiple VMs - Recover a VM using vSphere Replication - Perform a failback operation using vSphere Replication - Deploy a pair of vSphere Replication virtual appliances <p>Tools:</p> <ul style="list-style-type: none"> - VMware vSphere® Data Protection™ 6.0 - vSphere Data Protection Administration Guide - VMware vSphere® Data Protection™ Evaluation Guide - What's New in the VMware vSphere® 6.0 Platform - VMware vSphere Replication Administration

	<ul style="list-style-type: none"> - VDR Data Migration Tool - VDP Configure Utility - vSphere Client / vSphere Web Client
Section 7: Troubleshoot a vSphere Deployment	
<p>Troubleshoot vCenter Server, ESXi Hosts, and Virtual Machines</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Monitor status of the vCenter Server service - Perform basic maintenance of a vCenter Server database - Monitor status of ESXi management agents - Determine ESXi Host stability issues and gather diagnostics information - Monitor ESXi system health - Locate and analyze vCenter Server and ESXi logs - Determine the appropriate Command Line Interface (CLI) command for a given troubleshooting task - Troubleshoot common issues, including: <ol style="list-style-type: none"> 1. vCenter Server service 2. SSO 3. vCenter Server connectivity 4. Virtual machine resource contention, configuration and operation 5. Platform Services Controller (PSC) 6. Problems with installation 7. VMware Tools installation 8. Fault Tolerant network latency <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Troubleshooting Guide - vSphere Virtual Machine Administration Guide - vSphere Server and Host Management Guide - vSphere Monitoring and Performance Guide - vSphere Security Guide - vSphere Client / vSphere Web Client
<p>Troubleshoot vSphere Storage and Network Issues</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Identify and isolate network and storage resource contention and latency issues - Monitor networking and storage resources using vROps alerts and all badges - Verify network and storage configuration - Verify a given virtual machine is configured with the correct network resources - Monitor/Troubleshoot Storage Distributed Resource Scheduler (SDRS) issues - Recognize the impact of network and storage I/O

	<p>control configurations</p> <ul style="list-style-type: none"> - Recognize a connectivity issue caused by a VLAN/PVLAN - Troubleshoot common issues with: <ul style="list-style-type: none"> Storage and network Virtual switch and port group configuration Physical network adapter configuration VMFS metadata consistency <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Networking Guide - vSphere Storage Guide - vSphere Troubleshooting Guide - vSphere Server and Host Management Guide - vSphere Client / vSphere Web Client
<p>Troubleshoot vSphere Upgrades</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Collect upgrade diagnostic information - Recognize common upgrade issues with vCenter Server and vCenter Server Appliance - Create/Locate/Analyze VMware log bundles - Determine alternative methods to upgrade ESXi Hosts in event of failure - Configure vCenter Server logging options <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Upgrade Guide - vSphere Troubleshooting Guide - vSphere Update Manager Utility - vSphere Client / vSphere Web Client - Update Manager Web Client
<p>Troubleshoot and Monitor vSphere Performance</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Monitor CPU and memory usage (including vRealize OM badges and alerts) - Identify and isolate CPU and memory contention issues - Recognize impact of using CPU/memory limits, reservations and shares - Describe and differentiate critical performance metrics - Describe and differentiate common metrics, including: <ol style="list-style-type: none"> 1. Memory 2. CPU 3. Network 4. Storage - Monitor performance through esxtop - Troubleshoot Enhanced vMotion Compatibility (EVC) issues

	<ul style="list-style-type: none"> - Troubleshoot virtual machine performance with vRealize Operations - Compare and contrast Overview and Advanced Charts <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Resource Management Guide - vSphere Troubleshooting Guide - vSphere Monitoring and Performance Guide - vCenter Operations Manager Getting Started Guide (vSphere UI) - vSphere Client / vSphere Web Client
<p>Troubleshoot HA and DRS Configurations and Fault Tolerance</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Troubleshoot issues with: <ol style="list-style-type: none"> 1. DRS workload balancing 2. HA failover/redundancy, capacity and network configuration 3. HA/DRS cluster configuration 4. vMotion/Storage vMotion configuration and/or migration 5. Fault Tolerance configuration and failover issues - Explain the DRS Resource Distribution Graph and Target/Current Host Load Deviation - Explain vMotion Resource Maps <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Resource Management Guide - vSphere Monitoring and Performance Guide - vSphere Installation and Setup Guide - vSphere Troubleshooting Guide - vSphere Availability Guide - vSphere Client / vSphere Web Client
<p>Section 8: Deploy and Consolidate vSphere Data Center</p>	
<p>Deploy ESXi Hosts Using Autodeploy</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Describe the components and architecture of an Auto Deploy environment - Use Auto Deploy Image Builder and PowerCLI scripts - Implement Host Profiles with an Auto Deploy of an ESXi Host - Install and configure Auto Deploy - Understand PowerCLI cmdlets for Auto Deploy - Deploy multiple ESXi Hosts using Auto Deploy - Given a scenario, explain the Auto Deploy deployment model needed to meet a business requirement

	<p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Client / vSphere Web Client - Direct Console User Interface (DCUI)
<p>Customize Host Profile Settings</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Edit answer file to customize ESXi Host settings - Modify and apply a storage path selection plugin (PSP) to a device using host profiles - Modify and apply switch configurations across multiple hosts using a Host Profile - Create/Edit/Remove a Host Profile from an ESXi Host - Import/Export a Host Profile - Attach and apply a Host Profile to ESXi Hosts in a cluster - Perform compliance scanning and remediation of an ESXi Hosts and clusters using Host Profiles - Enable or disable Host Profile components <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Host Profiles Guide - vSphere Client / vSphere Web Client
<p>Consolidate Physical Workloads using VMware Converter</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Install vCenter Converter standalone instance - Convert physical workloads using vCenter Converter - Modify server resources during conversion - Interpret and correct errors during conversion - Deploy a physical host as a virtual machine using vCenter Converter - Collect diagnostic information during conversion operation - Resize partitions during the conversion process - Given a scenario, determine which virtual disk format to use <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - VMware vCenter Converter Standalone Guide - vSphere Client / vSphere Web Client - VMware vCenter Converter Standalone Client
<p>Section 9: Configure and Administer vSphere Availability Solutions</p>	

Configure Advanced vSphere HA Features	<p>Knowledge:</p> <ul style="list-style-type: none"> - Modify vSphere HA advanced cluster settings - Configure a network for use with HA heartbeats - Apply an admission control policy for HA - Enable/disable advanced vSphere HA settings - Configure different heartbeat datastores for an HA cluster - Apply virtual machine monitoring for a cluster - Configure Virtual Machine Component Protection (VMCP) settings - Implement vSphere HA on a Virtual SAN cluster - Explain how vSphere HA communicates with Distributed Resource Scheduler and Distributed Power Management <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Availability Guide - What's New in the VMware vSphere® 6.0 Platform - vSphere Administration with the vSphere Client Guide - vSphere Client / vSphere Web Client
Configure Advanced vSphere DRS Features	<p>Knowledge:</p> <ul style="list-style-type: none"> - Configure VM-Host affinity/anti-affinity rules - Configure VM-VM affinity/anti-affinity rules - Add/remove Host DRS Group - Add/remove virtual machine DRS Group - Enable/disable Distributed Resource Scheduler (DRS) affinity rules - Configure the proper Distributed Resource Scheduler (DRS) automation level based on a set of business requirements - Explain how DRS affinity rules effect virtual machine placement <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Administration with the vSphere Client Guide - What's New in the VMware vSphere® 6.0 Platform - vSphere Resource Management - vSphere Client / vSphere Web Client
Section 10: Administer and Manage vSphere Virtual Machines	
Configure Advanced vSphere Virtual Machine Settings	<p>Knowledge:</p> <ul style="list-style-type: none"> - Determine how using a shared USB device impacts the environment - Configure virtual machines for vGPUs, DirectPath I/O and SR-IOV

	<ul style="list-style-type: none"> - Configure virtual machines for multicore vCPUs - Differentiate virtual machine configuration settings - Interpret virtual machine configuration files (.vmx) settings - Enable/disable advanced virtual machine settings <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Administration with the vSphere Client Guide - vSphere Virtual Machine Administration Guide - vSphere Client / vSphere Web Client
<p>Create and Manage a Multi-site Content Library</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Publish a content catalog - Subscribe to a published catalog - Determine which privileges are required to globally manage a content catalog - Compare the functionality of Automatic sync and On-Demand sync - Configure Content Library to work across sites - Configure Content Library authentication - Set/configure Content Library roles - Add/remove Content Libraries <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Administration with the vSphere Client Guide - What's New in the VMware vSphere® 6.0 Platform - vSphere Virtual Machine Administration Guide - vSphere Client / vSphere Web Client
<p>Configure and Maintain a vCloud Air Connection</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - Create a VPN connection between vCloud Air and an on-premise site - Deploy a virtual machine using vCloud Air - Migrate a virtual machine to vCloud Air - Verify VPN connection configuration to vCloud Air - Configure vCenter Server connection to vCloud Air - Configure replicated objects in vCloud Air Disaster Recovery service - Given a scenario, determine the required settings for virtual machines deployed in vCloud Air <p>Tools:</p> <ul style="list-style-type: none"> - vSphere Installation and Setup Guide - vSphere Administration with the vSphere Client Guide - vSphere Networking Guide - VMware vCloud Air – Disaster Recovery User's Guide - vSphere Client / vSphere Web Client

2V0-621 Sample Questions:

01. Which VMware Single Sign-On component handles STS authentication requests?

- a) Security TokenService
- b) Administration Server
- c) VMware Directory Service
- d) Identity Management Service

02. In which two vsphere.local groups should an administrator avoid adding members?

- a) SolutionUsers
- b) Administrators
- c) DCAdmins
- d) ExternalPDUsers

03. An object has inherited permissions from two parent objects. What is true about the permissions on the object?

- a) The common permissions between the two are applied and the rest are discarded.
- b) The permissions are combined from both parent objects.
- c) No permissions are applied from the parent objects.
- c) The permission is randomly selected from either of the two parent objects.

04. Which two advanced features should be disabled for virtual machines that are only hosted on a vSphere system?

- a) isolation.tools.unity.push.update.disable
- b) isolation.tools.gui.launchmenu.change
- c) isolation.tools.bbs.disable
- d) isolation.tools.hgfsServerSet.enable

05. The virtual disks that are created on an NFS datastore are _____.

- a) in a format dictated by the NFS server
- b) thin provisioned
- c) thick eager-zeroed
- d) thick lazy-zeroed

06. What network is used for HA Network Heartbeat configuration on a Virtual SAN cluster?

- a) The Management network.
- b) The vMotion network.
- c) The Virtual SAN network.
- d) The Fault Tolerance Network.

07. After a host failure, a virtual machine has not restarted. Which two reasons could be the cause?

- a) Virtual machine was not protected by HA at the time of the failure
- b) Virtual machine is using an RDM
- c) Virtual machine does not have VMware Tools installed
- d) Insufficient spare capacity on available hosts

08. Which minor badge items make up the Efficiency badge score for an ESXi host in vCenter Operations Manager?

- a) Workload, Anomalies, Faults
- b) Workload, Stress, Density
- c) Time Remaining, Capacity Remaining
- d) Reclaimable Waste, Density

09. How can an Auto Deployed ESXi server obtain IP addressing for VMkernel ports?

- a) During the Auto Deploy process, you are prompted to define an IP address.
- b) IP addresses can be static DHCP reservations.
- c) IP addresses can be provided through an answer file.
- d) IP addresses can be defined via FDM agents.

10. Which two virtual machine states would indicate a fault in the Virtual SAN cluster?

- a) The virtual machine is non-compliant and the compliance status of some of its object is noncompliant
- b) The virtual machine object is inaccessible or orphaned
- c) The operating system is frozen
- d) Snapshots are failing

Answers to 2V0-621 Exam Questions:

Question: 01 Answer: d	Question: 02 Answer: a, b	Question: 03 Answer: b	Question: 04 Answer: a, b	Question: 05 Answer: d
Question: 06 Answer: c	Question: 07 Answer: a, d	Question: 08 Answer: d	Question: 09 Answer: b, c	Question: 10 Answer: a, b

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@vmexam.com