

VMWARE CERTIFIED PROFESSIONAL DATA CENTRE VIRTUALIZATION (VCP-DCV)

Course Outline

- 1. Virtualized Data Center**
- 2. Creating Virtual Machines**
- 3. VMware vCenter Server**
- 4. Configuring and Managing Virtual Networks**
- 5. Configuring and Managing Virtual Storage**
- 6. Virtual Machine Management**
- 7. Access and Authentication Control**
- 8. Resource Management and Monitoring**
- 9. High Availability and Fault Tolerance**
- 10. Scalability**
- 11. Patch Management**
- 12. Installing VMware Components**

Labs

- Lab 1: Installing VMware vSphere GUIs**
- Lab 2: Configuring VMware ESXi**
- Lab 3: Working with Virtual Machines**
- Lab 4: Configuring VMware vCenter Server Appliance**
- Lab 5: Using the VMware vSphere Web Client**
- Lab 6: Configuring VMware vCenter Single Sign-On**
- Lab 7: Creating Folders in VMware vCenter Server**
- Lab 8: Standard Switches**
- Lab 9: Accessing iSCSI Storage**
- Lab 10: Accessing NFS Storage**

Lab 11: Managing VMware vSphere VMFS

Lab 12: Using Templates and Clones

Lab 13: Modifying a Virtual Machine

Lab 14: Migrating Virtual Machines

Lab 15: Managing Virtual Machines

Lab 16: Managing VMware vSphere vApps

Lab 17: User Permissions

Lab 18: Resource Pools

Lab 19: Monitoring Virtual Machine Performance

Lab 20: Using Alarms

Lab 21: Using VMware vSphere High Availability

Lab 22: Configuring VMware vSphere Fault Tolerance

Lab 23: VMware vSphere Distributed Resource Scheduler

Lab 24: VMware vSphere Update Manager

What You'll Learn

- Deploy an ESXi host
- Deploy a vCenter Server instance
- Deploy a vCenter Server Appliance™
- Manage an ESXi host using vCenter Server
- Manage ESXi storage using vCenter Server
- Manage ESXi networking using vCenter Server
- Manage virtual machines using vCenter Server
- Deploy and manage thin-provisioned virtual machines
- Migrate virtual machines with VMware vSphere vMotion®
- Manage vSphere infrastructure with VMware vSphere Web Client
- Migrate virtual machines using VMware vSphere Storage vMotion
- Manage access control using vCenter Server
- Monitor resource usage using vCenter Server
- Manage VMware vSphere High Availability, VMware vSphere Fault Tolerance, and VMware vSphere Data Protection™ using vCenter Server
- Apply patches using VMware vCenter Update Manager™
