



Training Workshop Outline

Title	Mobile Device Security and Ethical Hacking
Duration	40 hours
Tuition Fees	USD 2,000

VMware vSphere 6: Data Center Virtualization

Course Overview:

VMware vSphere 6: Data Center Virtualization course is a start-to-finish approach to installing, configuring, managing, and monitoring a virtual environment using the VMware vSphere 6.0 product suite. You can attend the course to gain understanding of the vSphere product suite in preparation for a new virtual environment, or you can use it as a reference if you are an IT professional who has begun your virtualization and wants to complement your skills with real world tips, tricks, and best practices found in each module. This training, geared towards aspiring as well as practicing virtualization professional, provides information to help implement, manage, maintain, and troubleshoot an



enterprise virtualization scenario.

Target Audience:

Systems Administrators, Engineers, Tech Support (L1/L4),
Infra & Ops Professional, Storage Admins, Network Admins

Course Prerequisites:

- Server administration experience on Microsoft Windows or Linux
- Basic network concepts
- Laptop for practical labs exercises and extensive hands-on
- USB stick for unattended installation practice

Course Objectives:

- Describe the software-defined data center
- Deploy an ESXi host and create virtual machines
- Describe vCenter Server architecture
- Deploy a vCenter Server instance or VMware vCenter Server™ Appliance™
- Use vCenter Server to manage an ESXi host
- Configure and manage vSphere infrastructure with VMware vSphere® Client™ and VMware vSphere®



Web Client:

- Configure virtual networks with vSphere standard switches
- Use vCenter Server to manage various types of host storage: VMware vSphere® VMFS, NFS, virtual SAN, and Virtual Volumes
- Manage virtual machines, templates, clones, and snapshots
- Create a vApp
- Describe and use the content library
- Migrate virtual machines with VMware vSphere® vMotion®
- Use VMware vSphere® Storage vMotion® to migrate virtual machine storage
- Monitor resource usage and manage resource pools
- Use VMware vRealize™ Operations Manager™ to identify and solve issues through analytics and alerts

VMware vSphere 6: DCV Course

- Manage VMware vSphere® High Availability and VMware vSphere® Fault Tolerance
- Use VMware vSphere® Replication™ and VMware vSphere® Data Protection™ to replicate virtual machines and perform data recovery
- Use VMware vSphere® Distributed Resource Scheduler™ clusters to improve host scalability
- Use vSphere distributed switches to improve network scalability
- Use VMware vSphere® Update Manager™ to apply patches and perform basic troubleshooting of ESXi hosts, virtual machines, and vCenter Server



operations

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