

The Value of ALL of VMware's Most Popular Classes in One Class!



Research shows that businesses who invest in education for their employees are more successful and more efficient in identifying and resolving issues. Eliminate expensive downtime by educating your administrators!

- ✓ **NO Sharing Servers¹**
- ✓ **Extended Class Hours²**
- ✓ **50+ Unique Labs**
- ✓ **Access to 3rd Party Tools³**
- ✓ **Real World Experience & Best Practices**
- ✓ **Industry Recognized Certification⁴**

1 - Students must share servers in VMware authorized courses
2 - Our class hours are from 8 to 6 pm - longer than most others
3 - VMware Authorized courses do not address 3rd party tools
4 - Certified Virtualization Expert® through Prometric

| VMware Course | VMware Course | VMware Cost |
|---------------------------------|---------------|-------------|
| Install & Configure (I&C) | 4 Days | \$2995.00 |
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VMware VI3.5 Ultimate Bootcamp® and Official Certified Virtualization Expert® (CVE®)

**HOL – A Hands-on Lab is provided for students on this chapter

Chapter 1

Course Intro & Methodology (HOL)

Chapter 2

Virtualization Overview

Chapter 3

Planning and Installing ESX (HOL)

Chapter 4

Using Tools to Administer a VMware
Environment (HOL)

Chapter 5

Patching and Upgrading ESX

1. Patching ESX Server (HOL)
2. Upgrades and Migrations (HOL)
3. VI3 Deployment Guidelines
4. Configuring Hostname Resolution & NTP (HOL)
5. Troubleshooting ESX Server

Chapter 6

Configuring Networking

1. Create & Modify Virtual Networks (HOL)
2. Create & Modify Virtual Networks using CLI (HOL)

Chapter 7

Configuring Storage

1. iSCSI Storage (GUI & Command Line) (HOL)
2. Fibre Channel Storage (GUI & Command Line)
3. VMFS Datastores (GUI & Command Line) (HOL)
4. NAS Storage and NFS Datastores (GUI & Command Line) (HOL)
5. Raw Device Mapping (RDM) (HOL)
6. Storage Comparisons

Chapter 8

VirtualCenter and License Server

1. Licensing
2. VirtualCenter Installation (HOL)
3. VirtualCenter Inventory (HOL)
4. Managing VirtualCenter
5. Planning VirtualCenter Deployment
6. Troubleshooting VirtualCenter, license, and database
7. Troubleshooting the VIC

Chapter 9

VM Creation and Configuration &
Snapshots

1. Create a VM (HOL)
2. Create Multiple VMs (HOL)
3. Physical to Virtual Conversions (HOL)
4. Manage VMs (HOL)
5. Virtual Machine Startup/Shutdown
6. Virtual Machine Snapshots (HOL)
7. Web Access (HOL)
8. Troubleshooting Virtual Machines

Chapter 10

Security and Permissions

1. Security Overview (HOL)
2. User Access (HOL)
3. ESX AD Integration (HOL)
4. Managing Firewalls (HOL)
5. SSH Access (HOL)
6. Configuring Sudo (HOL)

Chapter 11

Advanced ESX and VirtualCenter
Management

1. Configuring Resource Pools (HOL)
2. Configuring VMotion (HOL)
3. Storage VMotion (HOL)
4. Distributed Resource Scheduler (DRS) (HOL)
5. Resource Pools in DRS Clusters (HOL)
6. Update Manager (HOL)

Chapter 12

Disaster Recovery and Backup

1. Site Recovery Manager (SRM)
2. High Availability (HA) (HOL)
3. Microsoft Clustering
4. Backup Strategies
5. Using VCB Command Line Utilities (HOL)
6. Third Party Backups (HOL)

Chapter 13

Server and VM Monitoring

1. Tools for Optimization
2. Monitor VM Performance (HOL)
3. Configuring Alarms (HOL)
4. Collecting Log Files (HOL)

Chapter 14

Installing and Configuring ESXi (HOL)

