# VMWare Vsphere 6 Bootcamp

***Duration:*** *5 Day(s)*

## Course Overview

VMware vSphere® 6.0 is a vital component of the VMware vCloud Suite®. Currently it is the industry leading virtualization technology platform accelerating the shift to cloud computing. The Ultimate Bootcamp® has become known to be the most comprehensive VMware training course in the industry. This course combines several popular VMware vSphere classes into one concentrated delivery, saving time and money while providing an in depth look at VMware's latest version release (6.0) in an accelerated learning format designed to immerse the student into the new features inherent to version 6.0.

The VMware vSphere Ultimate Bootcamp course maximizes the students' training experience with hands-on VMware vSphere labs based upon real-world scenarios and conducted with state-of-the art equipment. The Ultimate Bootcamp imparts students with the knowledge and skills necessary to maximize efficiency in the work place.

Review this course online at https://www.alta3.com/courses/VM600

## Objectives

- Understand virtualization concepts and VMware vSphere 6.0 features.
- Implement and support ESXi 6.0 and vCenter Server 6.0.
- Configure virtual networking and storage solutions for optimized performance.
- Utilize third-party tools and best practices for maintaining a virtualized environment.

## Who Should Attend

- System Administrators
- Engineers
- Operators
- IT Professionals with server experience

## Prerequisites

Students should be IT Professionals with 1 or more years of server and infrastructure experience. Individuals should have experience on Microsoft Windows and/or Linux Servers.

*Note: This course consists of five 10 hour days of intense instruction with no outside distractions. Lunch and snacks are provided on each day of class.

## Course Outline

### Course Introduction and Methodology

### Virtualization Overview and What's New in vSphere 6.0

1. How vSphere is utilized for the Cloud
2. Features of 5.5 and 6.0

### Planning and Installing ESXi 6.0

3. Planning ESXi 6.0 Host Deployment

4. Deployment Guidelines

## Using Tools to Administer a VMware Environment

5. Overview of 3rd Party Tools

## vCenter Server 6.0 and Licensing

6. Demystifying vSphere 5.x Licensing
7. vCenter Server 6.0 Installation

## Configuring Networking

8. Create & Modify Virtual Networks

## Configuring Storage

9. Storage Concepts
10. Virtual Volumes

## VM Creation and Configuration & Snapshots

11. Create a VM
12. Manage VMs

## Security and Permissions

13. Controlling User Access and Passwords
14. ESXi 6.0 AD Integration

## Server and VM Monitoring

15. vRealize Operations Manager
16. Monitor VM Performance

## Advanced ESXi and vCenter Management

17. Storage Views
18. Storage VMotion

## Patching and Upgrading vCenter/ESX/ESXi

19. Patching ESXi 6.0

## Disaster Recovery, Backup and Deployment

20. vSphere Replication 6.0
21. High Availability (HA)

22. VMware Data Protection 6.0