

# VMWare VSphere 6.0 Ultimate Bootcamp

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**Meet the expert:** Jeff has held a broad spectrum of positions within the IT field for over 30 years. Jeff has owned and operated his own IT business and has installed and supported networks and data centers at almost every level of the IT world. Jeff has recently authored both courseware and exams for Microsoft. For over 15 years, Jeff has worked as a consultant and trainer with a focus on the design of Enterprise Architecture, as well as Windows and VMware networks.

**Runtime:** 12:09:32

**Course description:** This series covers everything you need to know about the VMware vSphere 6.0 Ultimate Bootcamp. Students will learn about virtualization, planning and installing ESXi, using tools to administer a VMware environment, vCenter Server 6.0 and licensing, configuring networking, configuring storage, VM creation, configuration, and snapshots, security and permissions, server and VM monitoring, advanced ESXi and vCenter server management, patching and upgrading ESXi, and disaster recovery and backup.

## Course outline:

### Virtualization Paradigms

- Introduction
- The Software-Designed Datacenter
- vCloud Suite 6.0
- Why Virtualize?
- Simplifying Management
- VMWare TCO Comparison Calculator
- What Is Virtual Infrastructure?
- VMWare vSphere 6.0
- Type 1 and Type 2 Hypervisors
- What is a Virtual Machine?
- VMWare Horizon View 6.0
- VMWare Horizon FLEX
- VMWare Workstation Pro 12
- VMWare Fusion 8
- VMWare Workstation Player
- Other Hypervisors
- Conclusion
- Summary

### Planning ESXi Deployment

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- Physical Hardware Requirements
- vSphere Hypervisor 6.0
- VMWare ESXi 6.0
- Booting ESXi from a SAN LUN
- Linux, Windows, and ESX/ESXi
- Summary

### Deployment Guidelines

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- Overview of Deployment Planning

### ESXi Compatibility Guides

- Storage: Capacity and Performance
- VMWare Capacity Planner
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- ESXi Installation Options
- Demo: Install ESXi 6.0
- Local Config of ESXi 6.0 using DCUI
- PXE Boot Server
- vSphere 6.x ESXi Image Builder CLI
- vSphere 5.x/6.x Auto Deploy Architecture
- Conclusion
- Summary

### Troubleshooting ESXi

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- Configuring DNS Settings
- Time Synchronization
- ESXi Host Health Check
- ESXi Host Boot Process
- Troubleshooting: hostd
- Troubleshooting ESXi CIM Management Agents
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### Overview of 3rd Party Tools

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- Xtravirt.com
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- SSH Access
- Datastore Browser
- Troubleshooting Configuration
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- CLI Commands
- vSphere Command Line Interface and Syntax
- vSphere Perl SDK for vSphere 6.0
- VMA
- PowerCLI 6.0 Release 1
- PowerGUI
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- License Types and Pricing
- Features Added in vSphere 5.1
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- vCenter Server 6.0 Specifications
- vCenter Database
- vCenter Server Virtual Appliance Specifications
- Comparing Windows Center 6.0 to vCSA 6.0
- vCenter Server 6.0 Host Functionality
- vCenter Server 5.1/5.5
- vCenter Server 6.0
- vCenter Server 6.0 Architecture
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- Components of vCenter 6.0: vCenter Server
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- vCenter Server 6.x Database Sizing
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Free Edition

VeeamZip: Screenshots

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