

Create Your Own VirtualBox Windows Server Lab from Scratch

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Course Curriculum

Section 1: Course Introduction

- Course Overview
- Course Curriculum Walk-Through
- Introduction to Virtualization
- Virtualization Live Demo

Section 2: Initial VirtualBox Set-Up & Operating System Installation

- VirtualBox Prerequisites & Requirements
- Download & Install VirtualBox
- Download Windows Operating System ISO Files
- Create VirtualBox Virtual Machines
- Install Windows 10 Enterprise Operating System
- Install Windows Server 2016 Operating System
- Taking Snapshots in VirtualBox
- Installing Windows Updates

Section 3: VirtualBox Troubleshooting

- VirtualBox Community Forum, BugTracker, and Documentation
- Dealing with Low Memory Errors
- Shutting Down Unresponsive Virtual Machines

Section 4: Setting Up Our Sandbox Testing Environment

- Setting Up Our Sandbox Internal LAN
- Introduction to Active Directory
- Active Directory Installation & Configuration
- Create an Active Directory User Account
- Add Windows 10 PC to Our Active Directory Domain
- DHCP Installation & Scope Configuration
- Clone our Windows 10 Virtual Machine - Part 1
- Clone our Windows 10 Virtual Machine - Part 2

Section 5: Revisiting Some VirtualBox Settings & Features

- Revisiting VirtualBox Snapshots
- Introducing VirtualBox Shared Folders
- Revisiting VirtualBox Settings

Section 6: Conclusion & Next Steps

- Congratulations & Next Steps!