

Ultimate Bootcamp®

"Where Great IT Professionals Go For Great Training"

www.UltimateBootcamp.net



Exchange 2010 Enterprise Administrator MCITP Ultimate Bootcamp®

Overview

This six-day, extended hours, instructor-led Ultimate Bootcamp will provide you with the knowledge and skills to design, deploy, configure and manage an Exchange Server 2010 messaging environment. This bootcamp requires that students have significant experience in managing Windows Server and Active Directory directory services or Active Directory Domain Services (AD DS). This course will teach you how to design and configure Exchange Server 2010, as well as provide guidelines, best practices, and considerations that will help you optimize your Exchange Server deployment.

Prerequisites

- Fundamental knowledge of network technologies including Domain Name System (DNS) and firewall technologies.
- Experience with the Windows Server 2003 and Microsoft Windows Server 2008 operating systems.
- Experience with Active Directory directory services in Windows Server 2003 or AD DS Windows Server 2008.
- Experience managing backup and restore on Windows Servers.
- Experience using Windows management and monitoring tools such as Microsoft Management Console, Active Directory Users and Computers, Performance Monitor, Event Viewer, and Internet Information Services (IIS) Administrator.
- Experience using Windows networking and troubleshooting tools such as Network Monitor, Telnet, and NSLookup.
- Fundamental knowledge of certificates and Public Key Infrastructure (PKI).
- Basic experience with Windows Mobile.

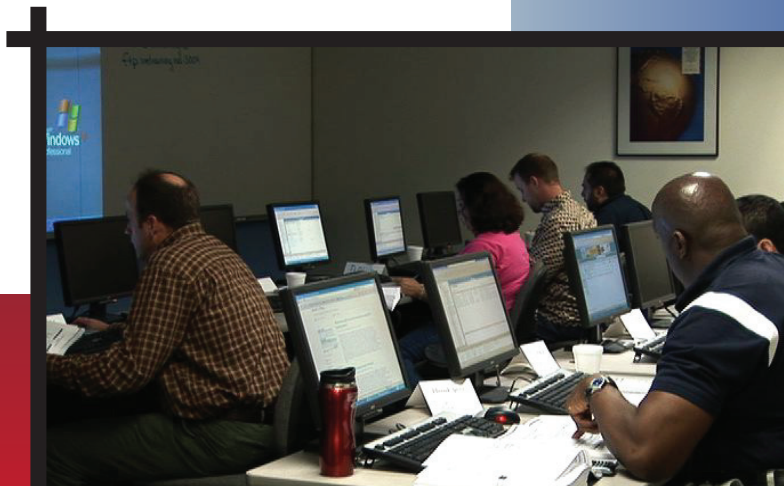
MCITP Ultimate Bootcamp Objectives

After completing this Ultimate Bootcamp, students will be able to:

- Install and deploy Exchange Server 2010.
- Configure Mailbox servers and Mailbox server components.
- Manage recipient objects.
- Configure the Client Access server role.
- Manage message transport.
- Configure the secure flow of messages between the Exchange Server organization and the Internet.
- Implement a high availability solution for Mailbox servers and other server roles.
- Plan and implement backup and restore for the server roles.
- Plan and configure messaging policy and compliance.
- Configure Exchange Server permissions and security for internal and external access.
- Monitor and maintain the messaging system.
- Transition an Exchange Server 2003 or Exchange Server 2007 organization to Exchange Server 2010.
- Configure the Unified Messaging server role and Unified Messaging components.
- Implement High Availability across multiple sites and implement Federated Sharing.
- Design the Exchange 2010 messaging environment

EXCHANGE 2010
ENTERPRISE ADMINISTRATOR

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Course Outline (Modules listed in *blue* have labs)

Module 1: Deploying Microsoft Exchange Server 2010

Lessons

- Overview of Exchange Server 2010 Requirements
- Installing Exchange Server 2010 Server Roles
- Completing an Exchange Server 2010 Installation

Lab : Installing Exchange Server 2010

Lab : Verifying an Exchange Server 2010 Installation

Module 2: Configuring Mailbox Servers

Lessons

- Overview of Exchange Server 2010 Administrative Tools
- Configuring Mailbox Server Roles
- Configuring Public Folders

Lab : Configuring Mailbox Servers

Module 3: Managing Recipient Objects

Lessons

- Managing Mailboxes
- Managing Other Recipients
- Configuring E-Mail Address Policies
- Configuring Address Lists
- Performing Bulk Recipient Management Tasks

Lab : Managing Recipient Objects

Module 4: Managing Client Access

Lessons

- Configuring the Client Access Server Role
- Configuring Client Access Services for Outlook Clients
- Configuring Outlook Web App
- Configuring Mobile Messaging

Lab : Configuring Client Access Servers for Outlook Anywhere Access

Lab : Configuring Client Access Servers for Outlook Web App and Exchange ActiveSync

Module 5: Managing Message Transport Lessons

- Overview of Message Transport
- Configuring Message Transport

Lab : Managing Message Transport

Module 6: Implementing Messaging Security

Lessons

- Deploying Edge Transport Servers
- Deploying an Antivirus Solution
- Configuring an Anti-Spam Solution
- Configuring Secure SMTP Messaging

Lab : Configuring Edge Transport Servers and Forefront Protection 2010

Lab : Implementing Anti-Spam Solutions

Module 7: Implementing High Availability

Lessons

- Overview of High Availability Options
- Configuring Highly Available Mailbox Databases
- Deploying Highly Available Non-Mailbox Servers

Lab : Implementing High Availability

Module 8: Implementing Backup and Recovery

Lessons

- Planning Backup and Recovery
- Backing Up Exchange Server 2010
- Restoring Exchange Server 2010

Lab : Implementing Backup and Recovery

Module 9: Configuring Messaging Policy and Compliance

Lessons

- Introducing Messaging Policy and Compliance
- Configuring Transport Rules
- Configuring Journaling and Multi-Mailbox Search
- Configuring Messaging Records Management
- Configuring Personal Archives

Lab : Configuring Transport Rules, Journal Rules, and Multi-Mailbox Search

Lab : Configuring Messaging Records Management and Personal Archives

Module 10: Securing Microsoft Exchange Server 2010

Lessons

- Configuring Role Based Access Control
- Configuring Security for Server Roles in Exchange Server 2010
- Configuring Secure Internet Access

Lab : Securing Exchange Server 2010

Module 11: Maintaining Microsoft Exchange Server 2010

Lessons

- Monitoring Exchange Server 2010
- Maintaining Exchange Server 2010
- Troubleshooting Exchange Server 2010

Lab : Maintaining Exchange Server 2010

Module 12: Upgrading from Exchange Server 2003 or Exchange Server 2007 to Exchange Server 2010

Lessons

- Overview of Upgrading to Exchange Server 2010
- Upgrading from Exchange Server 2003 to Exchange Server 2010
- Upgrading from Exchange Server 2007 to Exchange Server 2010

Module 13: Implementing Unified Messaging

Lessons

- Overview of Telephony
- Introducing Unified Messaging
- Configuring Unified Messaging

Lab : Implementing Unified Messaging

Module 14: Advanced Topics in Exchange Server 2010

Lessons

- Deploying Highly Available Solutions for Multiple Sites
- Implementing Federated Sharing

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