

10135 Configuring, Managing & Troubleshooting Microsoft Exchange Server 2010

Course Outlines

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Days of Training: 5

Overview

This five day, instructor-led course will provide you with the knowledge and skills to configure and manage a Microsoft Exchange Server 2010 messaging environment. This course does not require previous Exchange Server experience, but does require 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 configure Exchange Server 2010, as well as provide guidelines, best practices, and considerations that will help you optimize your Exchange server deployment.

Prerequisites

- Experience with Windows Server 2003 and Windows Server 2008 OS's.
- Experience with Active Directory directory services.
- Experience using Windows management and monitoring tools such as Microsoft Management Console, Performance Monitor, Event Viewer & IIS Administrator.

At Course Completion

After completing this course, students will be able to:

- Install & 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 & external access.
- Monitor & maintain the messaging system.
- Transition an Exchange Server 2003 or 2007 organization to Exchange Server 2010.

Lesson 1: Deploying Microsoft Exchange Server 2010

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

Lesson 2: Configuring Mailbox Servers

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

Lesson 3: Managing Recipient Objects

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

Lesson 4: Managing Client Access

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

Lesson 5: Managing Message Transport

Overview of Message Transport
Configuring Message Transport

Lesson 6: Implementing Messaging Security

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

Lesson 7: Implementing High Availability

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

Lesson 8: Implementing Backup and Recovery

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

Lesson 9: Configuring Messaging Policy and Compliance

Introducing Messaging Policy and Compliance
Configuring Transport Rules
Configuring Journaling and Discovery
Configuring Messaging Records Management
Configuring Mailbox Archiving

Lesson 10: Securing Microsoft Exchange Server 2010

Configuring Role Based Access Control (RBAC)
Configuring Security for Server Roles in Exchange Server 2010
Configuring Secure Internet Access

Lesson 11: Maintaining Microsoft Exchange Server 2010

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

Lesson 12: Transitioning from Exchange Server 2003 or Exchange Server 2007 to Exchange Server 2010

Transitioning to Exchange Server 2010 Overview
Transitioning from Exchange Server 2003 to Exchange Server 2010
Transitioning from Exchange Server 2007 to Exchange Server 2010

Lesson 13: Implementing Unified Messaging

Overview of Telephony
Introducing Unified Messaging
Configuring Unified Messaging

Lesson 14: Advanced Topics in Exchange Server 2010

Deploying Highly Available Solutions for Multiple Sites
Implementing Federated Sharing

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