

Course Description: At the end of this three-day course, students who are new to Microsoft Exchange Server will learn how to configure and manage a messaging environment in accordance with technical requirements. Students will learn how to install Microsoft Exchange Server 2007 and manage routing, client access, and the backup and restore of databases. They will also learn how to manage addressing and recipient objects such as mailboxes, distribution groups, and contacts.

Who Should Attend: IT Professionals, IT generalists, and help desk professionals who want to learn about Exchange Server 2007 are the audience for this course. IT Professionals, IT generalists and help desk professionals should have at least 3 years experience working in the IT field—typically in the areas of network administration, help desk, or system administration. No experience with Exchange Server is necessary.

Prerequisites: This course requires that students have working knowledge of Windows Server operating system, working knowledge of network technologies, working knowledge of Active Directory, and conceptual understanding of e-mail technologies.

Benefits of Attendance: Upon completion of this course, students will be able to:

- Describe how Exchange Server 2007 and the Active Directory directory service work together.
- Install Exchange Server 2007.
- Configure Mailbox server roles.
- Manage recipient objects.
- Manage e-mail and address lists.
- Manage client access.
- Manage Messaging Transport.
- Manage availability, backup and recovery.
- Maintain the messaging system.

Course Outline:

Module 1: Overview of Exchange and Active Directory

Review of Active Directory
Introduction to the Integration of Active Directory and Exchange Server 2007
Lab : Overview of How Exchange Server 2007 and Active Directory Work Together
Discussion: Explaining How Exchange Server 2007 and Active Directory Work Together

Module 2: Installing Exchange Server 2007

Introduction to the Exchange Server 2007 Server Roles
Installing Exchange Server 2007
Completing the Exchange Server 2007 Installation
Lab : Installing Exchange Server 2007
Preparing the Environment for an Exchange Server 2007 Installation
Installing Exchange Server 2007 Client Access Server and Hub Transport Server Roles
Lab : Verifying an Exchange Server 2007 Installation
Verifying an Exchange Server 2007 Installation

Module 3: Configuring Mailbox Server Roles

Overview of Exchange Server 2007 Administration Tools
Implementing Mailbox Server Roles
Managing Public Folder Databases
Lab : Configuring Mailbox Servers
Configuring Storage Groups and Database Files
Configuring a Public Folder and Store Referrals

Module 4: Managing Recipient Objects

Managing Mailboxes
Managing Other Recipients
Overview of Managing Public Folders
Lab : Managing Recipient Objects
Modifying Existing User Mailboxes
Configuring New Mailboxes and Mail-Enabled Objects
Managing Resource Mailboxes
Managing Mailbox Removal

Module 5: Managing E-Mail Addresses and Address Lists

Configuring E-Mail Address Policies
Configuring Address Lists
Overview of Bulk Recipient Management Tasks
Lab : Managing E-Mail Addresses and Address Lists
Managing E-Mail Address Policies
Managing Address Lists
Performing Recipient Bulk Management Tasks

Module 6: Managing Client Access

Implementing Client Access Servers
Implementing Client Access Features
Implementing Outlook Web Access
Introduction to Implementing Mobile Messaging
Lab : Managing Client Access
Managing Mobile Device Connectivity
Managing Outlook Web Access

Module 7: Managing Message Transport

Introduction to Message Transport
Implementing Message Transport
Lab : Managing Message Transport and Handling
Troubleshooting Local Message Delivery
Troubleshooting Remote Message Delivery
Troubleshooting Message Transport

Module 8: Managing Availability, Backup and Recovery

Implementing High-Availability for Mailbox Servers
Managing a Backup Solution
Managing a Recovery Solution
Lab : Managing Backup and Recovery
Restoring Data using the Recovery Storage Group

Module 9: Maintaining the Messaging System

Overview of Implementing Change Management
Overview of Updating Exchange Servers
Lab : Maintaining the Messaging System
Determining the Information Necessary for Change Implementation