

Course Description: This three-day instructor-led course will provide Exchange 2000 Server or Microsoft Exchange Server 2003 administrators with the skills needed to manage a Microsoft Exchange Server 2007 infrastructure. This course focuses on the new features and administrative tasks in Exchange Server 2007. The student will learn skills that enable them to deploy and manage an Exchange Server 2007 environment. This course is not intended to provide detailed design skills, but will cover planning skills at a level sufficient to enable decision making for the implementation process. This version of the course is based on Exchange Server 2007 Beta 2.

Who Should Attend: This course is intended for those who operate in medium to very large computing environments, using Exchange 2000 Server or Exchange Server 2003.

Prerequisites: Before attending this course, students must have working experience with Exchange 2000 Server or Exchange Server 2003, familiarity and experience with Windows scripting or command line scripting, Working experience with Windows Server 2003 and Active Directory directory services in Windows Server 2003, and working knowledge of networking, including TCP/IP and Domain Name System (DNS).

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

- Describe the new features included with Exchange Server 2007
- Plan and implement an Exchange Server 2007 deployment or upgrade
- Administer Exchange Server 2007
- Implement client access services in Exchange Server 2007
- Manage message routing in Exchange Server 2007
- Configure messaging security for Internet e-mail in Exchange Server 2007
- Implement messaging policies in Exchange Server 2007

Course Outline:

Introducing Exchange Server 2007

New Features in Exchange Server 2007
Introducing the Exchange Server 2007 Deployment Architecture
Discontinued and De-Emphasized Features

Deploying Exchange Server 2007

Exchange Server 2007 Server Roles
Installing Exchange Server 2007
Upgrading to Exchange Server 2007
Lab: Deploying Exchange Server 2007
Preparing for the Exchange Server 2007 Installation
Installing Exchange Server 2007
Verifying the Exchange Server 2007 Installation

Administering Exchange Server 2007

Overview of Exchange Server 2007 Administration Tools
Administering Exchange Server 2007 Mailbox Servers
Managing Recipients in Exchange Server 2007
Lab: Administering Exchange Server 2007
Configuring Mailbox Servers
Configuring Recipients

Implementing Client Access Services in Exchange Server 2007

Implementing the Client Access Server Role
Implementing New Client Features in Exchange Server 2007
Implementing Outlook Web Access
Implementing Mobile Messaging
Lab: Implementing Client Access Services in Exchange Server 2007
Configuring Outlook Web Access Settings
Configuring ActiveSync Policies

Managing Message Routing in an Exchange Server 2007 Organization

Understanding Message Routing in Exchange Server 2007
Managing Message Routing
Lab: Managing Message Routing in an Exchange Server 2007 Organization
Configuring Message Routing for a Branch Office
Troubleshooting Message Routing Between Sites

Securing Messages with Exchange Server 2007

Implementing the Edge Transport Server Role
Securing Internet E-Mail with Active Messaging Protection
Lab: Securing Messages with Exchange Server 2007
Configuring Message Routing for Internet E-Mail
Configuring Message Routing Between Partner Organizations

Implementing Messaging Policies in Exchange Server 2007

Introducing Messaging Policies
Implementing Transport Rules
Implementing Messaging Records Management
Lab: Implementing Messaging Policies in Exchange Server 2007
Implementing Transport Rules
Implementing Messaging Records Management

High Availability and Disaster Recovery in Exchange Server 2007

Implementing High Availability in Exchange Server 2007
Implementing Disaster Recovery in Exchange Server 2007
Lab: High Availability and Disaster Recovery in Exchange Server 2007
Configuring Windows Server 2003 Cluster Services
Installing and Configuring Exchange Server 2007 Active and Passive Nodes
Moving Exchange Server 2007 Resources Between Cluster Nodes

Implementing Unified Messaging in Exchange Server 2007

Introducing Unified Messaging
Installing Unified Messaging
Practice: Implementing Unified Messaging in Exchange Server 2007
Install the Unified Messaging server role
Create and configure a dial plan
Create an IP Gateway
Create a hunt group
Create a Unified Messaging mailbox policy
Enable a mailbox for Unified Messaging
Create an Automated Attendant