



Introduction to Installing and Managing Microsoft Exchange Server 2007 SP1 (MS5047)

Duration: 3 days

Description

Students new to Microsoft Exchange Server learn how to configure and manage a messaging environment in accordance with technical requirements. Students learn how to install Microsoft Exchange Server 2007 and manage routing, client access, and the backup and restore of databases. They also learn how to manage addressing and recipient objects such as mailboxes, distribution groups, and contacts.

Audience

IT Professionals, IT generalists, and help desk professionals who want to learn about Exchange Server 2007. 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

- Working knowledge of Windows Server operating system. For example, how storage is configured, basic backup and restore techniques, and what a client/server application interaction means.
- Working knowledge of network technologies. For example, what Transmission Control Protocol (TCP/IP) and Domain Name System (DNS) do and how to use them, basic routing concepts (WAN vs. LAN; router vs. switch vs. hub)
- Working knowledge of Active Directory. For example, how user objects are managed, what is stored in Active Directory partitions, basic architectures (domain, forest, sites, etc.), and how domain controllers are managed. Also, site and site connector configuration, schema and configuration partitions, and Global Catalogs.
- Conceptual understanding of e-mail technologies For example, that Simple Mail Transport Protocol (SMTP) is a protocol used for e-mail and the differences between transport protocols and client access protocols (POP, IMAP, SMTP).

Topics

MODULE 1: OVERVIEW OF EXCHANGE AND ACTIVE DIRECTORY

After completing this module, students will be able to describe how Exchange Server 2007 and Active Directory work together.

Lessons

- 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



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MODULE 2: INSTALLING EXCHANGE SERVER 2007

After completing this module, students will be able install Exchange Server 2007.

Lessons

- 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

After completing this module, students will be able to configure Mailbox Server roles. Overview of Exchange Server 2007 Administration Tools

Lessons

- 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

After completing this module, students will be able to manage recipient objects.

Lessons

- 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

After completing this module, students will be able to manage e-mail and address lists.

Lessons

- 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

After completing this module, students will be able to manage client access.

Lessons

- Implementing Client Access Servers
- Implementing Client Access Features



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- 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

After completing this module, students will be able to manage messaging transport.

Lessons

- 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

After completing this module, students will be able to manage availability, and backup and recovery.

Lessons

- 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

After completing this module, students will be able to maintain the message system.

Lessons

- Overview of Implementing Change Management
- Overview of Updating Exchange Servers

Lab: Maintaining the Messaging System

- Determining the Information Necessary for Change Implementation