

Implementing, Troubleshooting and Maintaining a MS Exchange Server 2007 Infrastructure

Course Code: M5047-5049-5050

Duration: 5

Overview

This five-day instructor-led course will teach students who are new to Exchange Server how to configure and manage a messaging environment in accordance with technical requirements, provide messaging specialists with the knowledge and skills needed to manage messaging and connection security, and recover Exchange mailboxes and servers in a variety of disaster scenarios. This course combines content from 3 separate Microsoft courses, with the content covered as follows:

Days 1-3 (M5047): on these days delegates will learn how to install Exchange Server 2007 and manage routing, client access, and the backup and restore of databases, manage addressing and recipient objects such as mailboxes, distribution groups and contacts.

Day 4 (M5049): this day provides delegates with the knowledge and skills to manage messaging security and policies. Students will learn how to manage messaging and connection security

Day 5 (M5050): this day provides delegates with the knowledge and skills specialists need to recover Exchange mailboxes and servers in a variety of disaster scenarios

Pre-Requisites

- Working knowledge of malware.
- Conceptual understanding of firewalls
- Working knowledge of how PKI is managed in the directory.
- Experience using these tools & applications:
 - NTBackup & NSLookup command.
 - Windows Explorer
 - Microsoft Management Console (MMC)
 - Active Directory Users and Computers
 - Active Directory Sites and Services
 - Internet Information Services (IIS) Admin
- Working knowledge of Windows server operating system
- Working knowledge of network technologies.
- Working knowledge of Active Directory.
- Conceptual understanding of e-mail technologies. Post Office Protocol (POP), Internet Access Message Protocol (IMAP), SMTP).

Target Audience

This course is intended for IT and help desk professionals, wanting to learn about Exchange 2007, including enterprise-level messaging administrators

with at least 3 years experience working in the Information Technology field, including administering Exchange Servers. Administrators should have some experience with Exchange Server 2007.

The timings on this course are approximate and will vary depending on the delegates attending, this event uses Microsoft Official Courseware

Objectives

- Describe how Exchange Server 2007 and Active Directory work together.
- Install Exchange Server 2007 & Configure Mailbox Server roles.
- Manage recipient objects, e-mail and address lists.
- Manage client access & Manage Messaging Transport.
- Manage anti-spam and antivirus features.
- Configure edge transport servers
- Implement messaging policies

- Recover messaging databases.
- Prepare for and recover from Mailbox & Non-Mailbox server failures.
- Manage availability, backup and recovery.
- Maintain the message system, anti-spam and antivirus features.
- Configure edge transport servers & Implement messaging policies
- Recover messaging databases.
- Prepare for and recover from Mailbox & non-Mailbox server failures.

Content

Overview of Exchange and Active Directory

- Review of Active Directory
- Intro to the Integration of Active Directory & Exchange Server 2007

Installing Exchange Server 2007

- Intro to the Exchange Server 2007 Server Roles
- Installing Exchange Server 2007
- Completing the Exchange Server 2007 Installation

Configuring Mailbox Server Roles

- Overview of Exchange Server 2007
- Implementing Mailbox Server Roles
- Managing Public Folder Databases

Managing Recipient Objects

- Managing Mailboxes
- Managing Other Recipients
- Overview of Managing Public Folders

Managing E-Mail Addresses & Address Lists

- Configuring E-Mail Address Policies
- Configuring Address Lists
- Overview of Bulk Recipient Tasks

Managing Client Access

- Implementing Client Access Servers
- Implementing Client Access Features
- Implementing Outlook Web Access
- Intro to Implementing Mobile Messaging

Maintaining Antivirus & Anti-spam Systems

- Intro to AV & Anti-Spam Management
- Implementing Anti-spam Features
- Implementing Antivirus Features

Configuring Edge Transport Servers

- Deploying Edge Transport Servers
- Configuring Internet Message Delivery
- Configuring Security for Internet E-Mail

Implementing Messaging Policies

- Intro to Messaging Policy & Compliance
- Implementing Messaging Records Management
- Implementing Transport Rules

Recovering Messaging Databases

- Overview of Database Recovery Scenarios
- Recovering a Messaging Database Using Dial-Tone Recovery

Preparing for and Recovering from Mailbox Server Failures

- Preparing for a Mailbox Server Recovery
- Recovering Mailbox Servers

Preparing for and Recovering from Non-Mailbox Server Failures

- Preparing for a Non-Mailbox Server Recovery
- Recovering Non-Mailbox Servers

Certification

Recommended as preparation for exam:

Exam 70-236: Implementing, Troubleshooting and Maintaining a MS Exchange Server 2007 Infrastructure.