

Course 5050 — Instructor-led

Course Length: 1 day

At the end of this course, students will be able to:

- Recover messaging databases.
- Prepare for and recover from Mailbox server failures.
- Prepare for and recover from non-Mailbox server failures.

Prerequisites:

To ensure your success, we recommend training or the equivalent knowledge of:

- Working knowledge of malware. Examples include approaches to scanning for viruses (client-based, SMTP-based, Exchange-based); methods that worms use to propagate; and basic concepts of spam, phishing schemes, and unwelcome message content.
- Working knowledge of how PKI is managed in the directory.
- Working knowledge of Windows Server 2003 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 TCP/IP and DNS do and how to use them, basic routing concepts (WAN vs. LAN, router vs. switch vs. hub).
- Working knowledge of Active Directory directory service. Examples include how user objects are man-

aged, what is stored in Active Directory partitions, basic architectures (domain, forest, sites, etc.), and how domain controllers are managed. Additionally, site and site connector configuration, schema and configuration partitions, and Global Catalogs.

- Working knowledge of Exchange Server 2007. For example, what the different server roles are, how the different server roles interact, what protocols the server roles use to communicate, what roles the clients connect to, and how to configure messaging recipients and Exchange Server 2007 computers.
- Conceptual understanding of firewalls. For example, how SMTP messages are allowed through a firewall.
- Conceptual understanding of e-mail technologies. For example, that SMTP is a protocol used for e-mail, and the differences between transport protocols and client access protocols (POP, IMAP, SMTP).
- Experience using these tools and applications:
 - NT Backup
 - NSLookup
 - Microsoft Windows Explorer
 - Microsoft Management Console (MMC)
 - Active Directory Users and Computers
 - Active Directory Sites and Services
 - Internet Information Services (IIS) Admin
 - Microsoft Office Outlook
 - 5047A: Introduction to Installing and Managing Microsoft Exchange Server 2007.

Course Outline

Module 1: Recovering Messaging Databases

After completing this module, students will be able to recover messaging databases.

Lessons

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

Lab: Recovering Messaging Databases in Exchange Server 2007

- Performing a Storage Group Backup
- Performing a Dial-Tone Recovery
- Repairing a Damaged Database

Module 2: Preparing for and Recovering from Mailbox Server Failures

After completing this module, students will be able to prepare for and recover from Mailbox server failures.

Lessons

- Preparing for a Mailbox Server Recovery

- Recovering Mailbox Servers Overview

Lab: Preparing for and Recovering from Mailbox Server Failures

- Performing a Mailbox Server Backup
- Recovering a Mailbox Server
- Recovering Mailbox Server Data

Module 3: Preparing for and Recovering from Non-Mailbox Server Failures

After completing this module, students will be able to prepare for and recover from non-Mailbox server failures.

Lessons

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

Lab: Preparing for and Recovering from Non-Mailbox Server Failures

- Performing a Non-Mailbox Server Backup
- Restoring a Client Access Server Certificate
- Restoring a Hub Transport Server
- Restoring an Edge Transport Server