MS-200T03: Managing Messaging High Availability and Disaster Recovery

Duration: 2 Days
Method: Instructor-Led Training (ILT)

Certification: *Microsoft® 365 Certified: Messaging Administrator Associate —*
***Exam 1 of 2:** MS-200 Planning and Configuring a Messaging Platform*

Course Description

In this course, participants will learn about the traditional and modern solutions for messaging high availability and disaster recovery. Messaging systems have become increasingly complex, given the abundance of new features that have been added in the last few years, as well as the increased importance placed on availability and disaster recovery. The traditional approaches for high availability and disaster recovery are still present and exist primarily on the hardware layer, such as RAID systems for storage, block device replication, and archiving solutions using external storage. While Microsoft Exchange supports these traditional approaches, it also offers solutions that modernize high availability and disaster recovery by providing solutions directly integrated into the messaging systems. This includes such things as continuous replication and retention solutions that are built directly inside the message databases. This saves administrators a lot of time and effort maintaining different layers of foreign solutions on hardware and software. In this course, participants will be introduced to each solution and learn when to use one solution over another. They will also learn how to plan deployment, and how to perform the actual implementation.

NOTE: This course is the third part of a three-course series that covers the skills needed to prepare for one of the certification exams, MS-200:

- *MS-200T01: Understanding the Modern Messaging Infrastructure*
- *MS-200T02: Managing Client Access and Mail Flow*
- *MS-200T03: Managing Messaging High Availability and Disaster Recovery* (This course)

Target Audience

This course is intended for:

- Messaging Administrators who deploy, configure, manage, and troubleshoot recipients, permissions, mail protection, mail flow, and public folders in both on-premises and cloud enterprise environments. Responsibilities include managing message hygiene, messaging infrastructure, hybrid configuration and migration, implements and manages disaster recovery, high availability, and client access.

Prerequisites

To attend this course, participants must have completed the following courses first:

- *MS-200T01: Understanding the Modern Messaging Infrastructure*
- *MS-200T02: Managing Client Access and Mail Flow*

Course Objectives

Upon successful completion of this course, attendees will be able to:

- Plan high availability for mailbox servers.
- Plan high availability for client access service.
- Plan high availability for transport.
- Implement site resilience.
- Plan for disaster recovery.
- Implement backup strategies.
- Restore mailboxes, databases, and servers.
- Plan the public folder hierarchy.
- Implement and manage public folders.
- Troubleshoot public folders.

Course Topics

Module 1: High Availability for Exchange Servers

- Planning High Availability for Mailbox Servers
- High Availability for Client Access Service
- High Availability for Transport
- Implementing Site Resilience

Module 2: Managing Disaster Recovery

- Planning for Disaster Recovery
- Implementing Backup Strategies
- Restoring Mailboxes, Databases, and Servers

Module 3: Managing Public Folders

- Planning the Public Folder Hierarchy
- Implementing and Managing Public Folders
- Troubleshooting Public Folders

Module 4: Lab - Public Folder Management and Disaster Recovery

- **Exercise 1:** Troubleshooting Mail Flow and Connectivity Issues
- **Exercise 2:** Disaster Recovery using eDiscovery and In-Place Holds