

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

Duration : 2 days

About this course

In this course you'll 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 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, you'll be introduced to each solution, you'll learn when to use the one or the other, you'll learn how to plan a deployment, and how to perform the actual implementation.

Audience profile

The Messaging Administrator deploys, configures, manages, and troubleshoots recipients, permissions, mail protection, mail flow, and public folders in both on-premises and cloud enterprise environments. Responsibilities include managing message hygiene, messaging infrastructure, and hybrid configuration and migration. The Messaging Administrator also implements and manages disaster recovery, high availability, and client access. The Messaging Administrator collaborates with the Security Administrator and Microsoft 365 Enterprise Administrator to implement a secure hybrid topology that meets the business needs of a modern organization. The Messaging Administrator should have a working knowledge of authentication types, licensing, and integration with Microsoft 365 applications.

At course completion

After completing this course, students 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 Outline

Module 1: High Availability for Exchange Servers

Lessons

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

Module 2: Managing Disaster Recovery

Lessons

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

Module 3: Managing Public Folders

Lessons

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

Module 4: Lab - Public Folder Management and Disaster Recovery

Lab : Public Folder Management and Disaster Recovery

- Exercise 2: Troubleshooting Mail Flow and Connectivity Issues
- Exercise 2: Disaster recovery using eDiscovery and In-place Holds

Prerequisites

This course is designed for persons who are aspiring to the Microsoft 365 Messaging Administrator role.