

MS 200: Planning and Configuring a Messaging Platform



Days: 5

Prerequisites: In addition to equivalent professional experience, prospective students should have:

- Proficient understanding of DNS.
- Basic understanding of messaging within Exchange Server or Exchange Online.
- Basic understanding of Active Directory and domain controller infrastructure along with identity management.
- Basic functional experience with Microsoft 365 services and directory synchronization.
- At least 5 years of General IT experience

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

Description: In this course you will learn about the architecture of the modern messaging infrastructure with Exchange Server and Exchange Online and how to deploy messaging in different scenarios and organizations. You will be guided through the initial deployment process and introduced to the messaging management tools.

You will learn how to create and manage different types of recipients, and how to create and manage Exchange Server mailbox databases, which serve as storage locations for all messaging data. Finally, you will be introduced to messaging infrastructure organizational settings, such as how to manage authentication for your messaging environment, how to configure quotas for users in the organization, and how to configure organization sharing with federation.

This course is designed for IT Professionals who deploy and manage the messaging infrastructure for Microsoft 365 in their organization.

This is the first in a series of five courses for the Microsoft 365 Messaging Administrator. This course helps learners prepare for the Microsoft 365 Certified: Planning and Configuring a Messaging Platform exam (MS-200).

OUTLINE:

Day 1 and 2

MODULE 1: MANAGING MODERN MESSAGING INFRASTRUCTURE

- Overview of Modern Messaging Architecture
- Deploying Modern Messaging Infrastructure
- Managing Modern Messaging Infrastructure

MODULE 2: MANAGING RECIPIENT OBJECTS AND RESOURCES

- Exchange Recipients
- Creating and Managing Exchange Recipients
- Managing Email Addresses, Lists, and Resources

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MODULE 3: MANAGING MAILBOX DATABASES

- Mailbox Databases in Exchange Server
- Planning for Mailbox Databases
- Creating and Managing Mailbox Databases
- Troubleshooting Mailbox Databases

MODULE 4: MANAGING ORGANIZATIONAL SETTINGS

- Managing Authentication for Messaging
- Configuring Organizational Settings
- Designing Solutions for External Access

MODULE 5: LAB – MANAGING RECIPIENT INFRASTRUCTURE

- Creating an On-premise Recipient
- Creating a Cloud Recipient
- Creating an On-premises Distribution Group
- Creating a Cloud Distribution Group
- Creating an Office 365 Group

Day 3 and 4

MODULE 1: MANAGING CLIENT ACCESS

- Implementing Client Access Services
- Managing Client Devices
- Configuring Outlook on the Web
- Troubleshooting Client Access

MODULE 2: MANAGING MOBILE DEVICES

- Mobile Device Mailbox Policies
- Managing Mobile Device Access

MODULE 3: MANAGING THE TRANSPORT PIPELINE

- Overview of Transport Services
- Configuring Message Transport
- Managing Transport Rules

MODULE 4: MANAGING AND TROUBLESHOOTING MAIL FLOW

- Managing Mail Flow
- Troubleshooting Mail Flow
- Troubleshooting Transport Issues
- Troubleshooting with Logs

Day 5

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

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MODULE 4: 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