

Microsoft 365 Messaging

Description

This training examines the key elements of Microsoft 365 messaging administration, including message transport and mail flow, messaging security, hygiene, and compliance, messaging infrastructure, and hybrid messaging. This course is designed for IT Professionals who deploy and manage the messaging infrastructure for Microsoft 365 in their organization.

Classroom Registration Price (CHF)

3900

Virtual Classroom Registration Price (CHF)

3650

Course Content

Module 1: Explore transport services

- Examine message transport components
- Examine message routing
- Configure message transport
- Examine transport agents

Module 2: Configure message transport

- Configure message transport options
- Configure SMTP domains
- Configure connectors

Module 3: Manage transport rules

- Explore transport rules
- Examine how transport rules work
- Configure transport rules

Module 4: Manage mail flow

- Explore mail flow in Microsoft Exchange
- Manage mail flow in Exchange Server deployments
- Manage mail flow in Exchange Online deployments
- Manage mail flow in hybrid Exchange deployments

Module 5: Troubleshoot mail flow

- Troubleshoot SMTP mail flow
- Troubleshoot shared namespace environments
- Troubleshoot Transport Layer Security encryption issues
- Troubleshoot with alert policies in Exchange Online

Module 6: Troubleshoot transport issues

- Troubleshoot network-based issues

- Troubleshoot transport connectors and agents
- Troubleshoot transport in coexistence

Module 7: This module is part of these learning paths

- Troubleshoot with message tracking logs and message tracing
- Troubleshoot with protocol logs
- Troubleshoot with event logs

Module 8: Plan for message security

- Explore Exchange Online Protection
- Plan message routing for Exchange Online Protection
- Examine message hygiene monitoring and reporting

Module 9: Manage anti-malware and anti-spam policies

- Examine message headers and spam confidence levels
- Examine anti-spam and anti-malware protection
- Manage anti-spam protection
- Manage anti-malware protection
- Examine advanced anti-spam features
- Manage spoofing protection
- Manage phishing protection
- Configure transport rules

Module 10: Explore threat protection in Microsoft 365 Defender

- Examine threat protection in Microsoft 365 Defender
- Explore using Configuration Analyzer to improve security policies
- Examine how Safe Attachments protect against malicious attachments
- Examine how Safe Links protects against malicious URLs
- Manage spoof intelligence
- Manage anti-phishing policies
- Manage the Tenant Allow/Block list in Microsoft 365 Defender
- Examine Advanced Hunting in Microsoft 365 Defender

Module 11: Explore messaging compliance in Microsoft 365

- Examine message policy and compliance
- Explore the Microsoft 365 permission model
- Configure retention policies
- Run a message trace

Module 12: Explore messaging compliance in Exchange

- Examine In-Place and Litigation holds
- Configure Messaging Records Management
- Analyze message tracking

Module 13: Manage Exchange Online archiving and auditing

- Plan and implement in-place archiving

- Explore journaling in Exchange
- Manage administrator and mailbox auditing

Module 14: Manage Content Search

- Design content searches
- Manage content searches
- Manage eDiscovery cases

Module 15: Manage authentication for messaging

- Examine password policy options
- Explore self-service password management
- Implement multifactor authentication for Exchange
- Plan password policies
- Explore modern authentication

Module 16: Configure organizational settings

- Configure workload policies and throttling
- Configure quota configurations
- Deploy Microsoft 365 add-ins

Module 17: Configure organizational sharing

- Examine Exchange federated delegation features
- Examine Exchange federation sharing components
- Plan for federation trusts and certificates
- Implement organization relationships
- Implement sharing policies

Module 18: Manage administrator roles

- Explore Role-Based Access Control
- Examine management role groups
- Examine built-in management role groups
- Implement admin roles for management role assignments
- Troubleshoot admin roles
- Manage role groups in Exchange Online

Module 19: Manage user roles

- Implement user roles for role assignment policies
- Implement management role assignment policies
- Create new roles, role assignments, and scopes

Module 20: Analyze role-based permissions

- Explore the use of split permissions
- Explore the use of multiple-forest permissions
- Explore the differences in permissions

Module 21: Explore the different types of Exchange recipients

- Explore recipient types
- Explore resource mailboxes
- Explore shared mailboxes
- Explore linked mailboxes
- Explore groups
- Explore public folders

Module 22: Create and manage Exchange recipients

- Manage mailbox settings
- Manage resource mailboxes
- Manage shared mailboxes
- Create and manage mail contacts and mail users
- Manage permissions for recipients
- Create and manage groups
- Create and manage public folders

Module 23: Manage email addresses, lists, and resources

- Explore address lists
- Create and manage address lists
- Examine address book policies
- Configure offline address books
- Examine email address policies

Module 24: Explore Exchange hybrid deployment requirements

- Examine the connection options for Exchange to Microsoft 365
- Explore the components of a hybrid deployment
- Explore Azure Active Directory Connect
- Examine the Microsoft 365 identity options for a hybrid Exchange deployment
- Compare Exchange delegated federation and Open Authentication

Module 25: Plan and configure a hybrid deployment using the Hybrid Configuration Wizard

- Plan for Exchange hybrid configuration
- Examine Organization Configuration Transfer
- Examine Exchange Modern Hybrid and the Hybrid Agent
- Review mail flow options for a hybrid deployment
- Prepare to run the Hybrid Configuration Wizard
- Examine hybrid deployment best practices

Module 26: Provide a gateway for Internet email using Edge Transport servers

- Examine Edge Transport servers
- Examine the infrastructure requirements for an Edge Transport server
- Explore mail flow using Edge Subscriptions and EdgeSync
- Explore message flow with an Edge Transport server

Module 27: Implement advanced hybrid functionality

- Manage a hybrid deployment

- Configure public folder coexistence with Microsoft 365
- Configure OAuth for a mixed Exchange environment
- Configure OneDrive access for on-premises mailboxes

Module 28: Troubleshoot hybrid deployments

- Troubleshoot directory synchronization
- Troubleshoot pass-through authentication and single sign-on
- Troubleshoot transport with Exchange Online
- Troubleshoot client access in coexistence
- Troubleshoot the Mailbox Replication service

Module 29: Plan mailbox migrations

- Explore migration options to Exchange Online
- Determine which migration option to use
- Update DNS during a Microsoft 365 migration

Module 30: Run IMAP migrations

- Plan an IMAP migration
- Run an IMAP migration
- Move mailboxes using an IMAP migration

Module 31: Run cutover and staged migrations

- Plan a cutover migration
- Run a cutover migration
- Plan a staged migration
- Run a staged migration
- Move mailboxes using cutover and staged migrations

Module 32: Run advanced mailbox migrations

- Plan a PST migration
- Run a PST migration
- Run a public folder migration
- Plan a cross-tenant migration
- Prepare source objects for a cross-tenant migration

Lab / Exercises

- Official Microsoft Labs

Documentation

- Access to Microsoft Learn (online learning content)

Exam

- This course prepares you to the **MS-203: Microsoft 365 Messaging** exam
- If you wish to take this exam, please select it when you add the course to your basket

Participant profiles

- Persons who are aspiring to the Microsoft 365 Messaging Administrator role

Prerequisites

- Have an experience with the cloud and office365 administration
- Have a working knowledge of authentication types, licensing, and integration with Microsoft 365 applications

Objectives

- Manage Microsoft Exchange Online settings and resources
- Plan and manage the mail transport architecture
- Secure the messaging environment

Niveau

Intermédiaire

Duration (in Days)

5

Reference

MS-203T00