



MS-203T00: Microsoft 365 Messaging

Course ID #: 7000-395-ZZ-Z

Hours: 35

Course Content

Course Description:

This course 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.

At Course Completion:

After competing this course, student will be able to:

- Configure and manage the transport pipeline
- Manage and troubleshoot mail flow and transport issues
- Manage message hygiene and compliance
- Manage authentication for messaging
- Configure organizational settings and sharing
- Manage mobile devices
- Manage role-based permissions
- Create and manage recipient objects and resources
- Plan, implement, and troubleshoot public folders
- Plan a hybrid environment
- Perform mailbox migrations
- Deploy and troubleshoot a hybrid environment

Prerequisites:

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

Target Student:

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. To implement a secure hybrid topology that meets the business needs of a modern organization, the Messaging Administrator must collaborate with the Security Administrator and Microsoft 365 Enterprise Administrator. The Messaging Administrator should have a working knowledge of authentication types, licensing, and integration with Microsoft 365 applications.



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Topics:

Module 1: Managing the Transport Pipeline

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

Lab : Configure Message Transport

- Create Connectors

Module 2: Managing and Troubleshooting Mail Flow

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

Lab : Conditional Mail Routing

- Create Mail Flow Rules

Module 3: Managing Message Hygiene

- Planning for Message Hygiene
- Managing Anti-Malware and Anti-Spam Policies
- Managing Advanced Threat Protection

Lab : Managing Messaging Hygiene

- Create Hygiene Filters

Module 4: Managing Compliance

- Messaging Compliance in the SCC
- Messaging Compliance in Exchange
- Managing Exchange Online Archiving and Auditing
- Managing Content Search

Module 5: Managing Organizational Settings

- Managing Authentication for Messaging
- Configuring Organizational Settings
- Configuring Organizational Sharing

Module 6: Managing Mobile Devices

- Mobile Device Mailbox Policies
- Managing Mobile Device Access

Lab : Implement ActiveSync

- Implement Active Sync for single and multiple mailboxes

Module 7: Managing Role-Based Permissions

- Managing Admin Roles
- Managing User Roles
- Exchange Setup - RBAC and AD Split Permission

Lab : Manage Roles and Permission Policies

- Manage Roles and Permission Policies

Module 8: Managing Recipient Objects and Resources

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

Lab : Create Recipient Objects and Resources

- Create Exchange Recipients
- Create Groups
- Create and manage Recipient permissions

Module 9: Managing Public Folders

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

Lab : Implement Public Folders

- Create Public Folders
- Manage Public Folders



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Module 10: Planning a Hybrid Environment

- Exchange Hybrid Deployment Requirements
- Planning to Run the Hybrid Configuration Wizard

Lab : Prepare Azure AD for Hybrid Synchronization

- Prepare Azure AD for Hybrid Synchronization

Module 11: Performing Mailbox Migrations

- Planning Mailbox Migrations
- Performing IMAP Migrations
- Performing Cutover and Staged Migrations
- Performing Advanced Migrations

Module 12: Deploying and Troubleshooting a Hybrid Environment

- Deploying and Managing an Edge Transport Server
- Configuring a Hybrid Deployment using the HCW
- Implementing Advanced Hybrid Functionality
- Troubleshooting Hybrid Deployments

Lab : Deploy a Hybrid Environment

- Set Up your Hybrid Deployment
- Test your Hybrid Deployment