



Track MS-201: Implementing a Hybrid and Secure Messaging Platform

Microsoft - Azure Apps & Infrastructure

- **Nível:** Intermediário
 - **Duração:** 28h
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Sobre o curso

This course introduces you to the world of hybrid messaging.

You will learn:

- how to deploy a hybrid environment for your Exchange organization and how to migrate mailboxes to Exchange Online: You will begin by examining available mailbox migration options, focus on planning for a hybrid deployment, and then learn how to implement and troubleshoot a hybrid deployment.
- about the different messaging-related security and compliance service configurations and settings with Exchange Server and Exchange Online: You will begin by examining the fundamentals of message hygiene with Exchange Online Protection and Exchange Advanced Threat Protection, as well as connection and spam filtering with Exchange. You will examine messaging compliance solutions, such as retention and data loss prevention policies, as well as audit log investigations and eDiscovery search mechanisms from the messaging compliance perspective. You will learn how to plan a proper deployment and how to perform the basic implementation process for each solution. Then, you will examine how to manage permissions that are assigned to user and admin roles.

Objetivos

After completing this course, students will be able to:

- Plan Mailbox Migrations
- Plan IMAP Migrations
- Plan Cutover and Staged Migrations
- Perform Advanced Migrations
- Understand Exchange Hybrid Deployment Requirements

- Run the Hybrid Configuration Wizard
 - Deploy and Manage an Edge Transport Server
 - Configure a Hybrid Deployment using the HCW
 - Implement Advanced Hybrid Functionality
 - Troubleshoot Hybrid Deployments
 - Plan for Message Hygiene
 - Manage Anti-Malware and Anti-Spam Policies
 - Manage Advanced Threat Protection
 - Plan for Messaging Compliance in the SCC
 - Plan for Messaging Compliance in Exchange
 - Manage Exchange Online Archiving and Auditing
 - Manage Content Search
 - Manage Admin Role-based Permissions
 - Manage User Role-based Permissions
 - Plan for Exchange Setup – RBAC and AD Split Permissions
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Destinatários

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

Programa

- Performing Mailbox Migrations
- Planning a Hybrid Environment
- Deploying and Troubleshooting a Hybrid Environment
- Lab – Hybrid Deployment and Management
- Managing Compliance
- Managing Role-Based Permissions
- Lab – Manage Message Hygiene

Performing Mailbox Migrations

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

Planning a Hybrid Environment

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

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 – Hybrid Deployment and Management

- Exercise 1: Perform a mailbox migration to Microsoft 365
- Exercise 2: Manage hybrid scenarios

Managing Message Hygiene

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

Managing Compliance

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

Managing Role-Based Permissions

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

Lab – Manage Message Hygiene

- Exercise 3: Manage message hygiene in an on-premises solution
- Exercise 4: Manage message hygiene in a cloud solution
- Exercise 5: Manage message hygiene in a hybrid solution