M365 Messaging

MS-201: Implementing a Hybrid and Secure Messaging Platform

$2,595.00

- 4 Days

Upcoming Dates

Course Description

Day 1-2: Defining a Hybrid Messaging Strategy (MS-201T01-A)

About this course

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, and then focus on planning for a hybrid deployment. Finally, you will learn how to implement and troubleshoot a hybrid deployment.

Day 3-4: Managing Messaging Security, Hygiene, and Compliance (MS-201T02-A)

About this course

In this course you will learn 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 then 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. You will conclude the course by examining how to manage permissions that are assigned to user and admin roles.

Course Outline

Day 1-2: Defining a Hybrid Messaging Strategy (MS-201T01-A)

Course Outline

Module 1: Performing Mailbox Migrations

Lessons

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

Module 2: Planning a Hybrid Environment

Lessons

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

Module 3: Deploying and Troubleshooting a Hybrid Environment

Lessons

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

Module 4: Lab - Hybrid Deployment and Management

Lab : Hybrid Deployment and Management

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

Day 3-4: Managing Messaging Security, Hygiene, and Compliance (MS-201T02-A)

Course Outline

Module 1: Managing Message Hygiene

Lessons

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

Module 2: Managing Compliance

Lessons

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

Module 3: Managing Role-Based Permissions

Lessons

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

Module 4: Lab - Manage Message Hygiene

Lab : Manage Message Hygiene

- Exercise 1: Manage message hygiene in an on-premises solution
- Exercise 2: Manage message hygiene in a cloud solution
- Exercise 3: Manage message hygiene in a hybrid solution

Audience

Day 1-2: Defining a Hybrid Messaging Strategy (MS-201T01-A)

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.

Day 3-4: Managing Messaging Security, Hygiene, and Compliance (MS-201T02-A)

Audience profile

Prerequisites

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

What You Will Learn

Day 1-2: Defining a Hybrid Messaging Strategy (MS-201T01-A)

At course completion

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

Day 3-4: Managing Messaging Security, Hygiene, and Compliance (MS-201T02-A)

At course completion

After completing this course, students will be able to:

- 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