

# Exchange Online - implementing and managing

Course code: GOC233

Five-days instructor-led training for students administrating AD domain services, EntraID, messaging systems are creating a hybrid MS Exchange solution with an on-prem domain. During the course set up AD DS services, synchronize with EntraID, and at the end migrate mailboxes to Exchange Online and back. All design and practice with security.

Affiliate	Duration	Course price	ITB
Praha	5	28 500 Kč	50
Brno	5	28 500 Kč	50
Bratislava	5	1 250 €	50

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
17.03.2025	5	28 500 Kč	Presence	CZ/SK	GOPAS Praha
31.03.2025	5	28 500 Kč	Presence	CZ/SK	GOPAS Brno
09.06.2025	5	28 500 Kč	Presence	CZ/SK	GOPAS Praha
30.06.2025	5	1 250 €	Presence	CZ/SK	GOPAS Bratislava prezenčne

The prices are without VAT.

## Required skills

Knowledge in extent of the courses which are listed in the bellow sections **Previous Courses** and **Related Courses**

Good understanding of TCP/IP and DNS technologies

Ability to navigate the Microsoft 365 admin center, Identity – Entra admin center, the Exchange admin center, and the Microsoft Defender portal

Ability to create Domain Name System (DNS) records at an intermediate level

Familiarity with Active Directory concepts such as centralized domain management, sites, and directory-based identity-related services at an enterprise level

Ability to write PowerShell commands at an intermediate level

## Course outline

Module 0 - Welcome

- Course Introduction

Module 1 – Prepare AD domain for Hybrid deployment

- Design OU structure for secure AD Connect deployment
- Design Users, Groups attributes for Entra Connect
- Manage Entra Connect

Module 2 – Powershell Rest API

- Supported platforms
- Configure window PowerShell module
- Properties and property sets in the Exchange Online PowerShell module
- Entra Filterable properties for the Recipient Filter parameter on Exchange cmdlets

Module 3 - Manage the transport pipeline in Microsoft 365

### GOPAS Praha

Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



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- Explore transport services
- Configure message transport
- Manage transport rules
- Manage DKIM on Exchange Edge

## Module 4 - Manage and troubleshoot mail flow in Microsoft 365

- Manage mail flow
- Troubleshoot mail flow
- Troubleshoot transport issues
- Troubleshoot mail flow using logs

## Module 5 Manage message security

- Plan for message security
- Manage anti-malware and anti-spam policies
- Enable Standard Preset Security Policy
- Explore threat protection in Microsoft 365 Defender
- Manage DKIM, DMARC, SPF, DANE

## Module 6 Manage compliance in Microsoft 365

- Explore messaging compliance in Microsoft 365
- Explore messaging compliance in Exchange
- Manage Exchange Online archiving and auditing
- Manage Content Search

## Module 7 Manage your Microsoft 365 messaging environment

- Manage authentication for messaging
- Configure organizational settings
- Configure organizational sharing

## Module 8 Manage role-based permissions in Microsoft 365

- Manage administrator roles
- Manage user roles
- Analyze role-based permissions

## Module 9 Mobile device management – Intune

- Conditional Access integrated with Microsoft Intune
- Creating and Deploying Configuration Profile - mobile profile
- Using a Configuration Profile to configure iOS and iPadOS Wifi setting

## Module 10 Manage recipient objects and resources in Microsoft 365

- Explore the different types of Exchange recipients
- Create and manage Exchange recipients
- Manage email addresses, lists, and resources
- Teams group
- Identity lifecycle with mailbox Exchange license

## Module 11 - Manage the hybrid deployment life cycle

- Explore Exchange hybrid deployment requirements
- Plan and configure a hybrid deployment using the Hybrid Configuration Wizard
- Provide a gateway for Internet email using Edge Transport servers
- Implement advanced hybrid functionality
- Troubleshoot hybrid deployments

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## Module 12 Manage mailbox migrations

- Plan mailbox migrations
- Run IMAP migrations
- Run cutover and staged migrations
- Run advanced mailbox migrations
- Exercise- Planning a Mail Migration to Microsoft 365

### Preparation for Microsoft certification

Most Microsoft certification exams do not require students to attend an official MOC course in order to pass the exam.

This applies to all certifications except for MCM

Official Microsoft MOC courses as well as our own GOC courses are good ways of preparation for Microsoft certifications such as MCP, MTA, MCSA, MCSE or MCM

This does not mean that official MOC courses would serve as the only necessary preparation. The primary goal of an MOC course is to provide for sufficient theoretical knowledge and practical experience to effectively work with the related product

MOC courses usually cover most of the topics required by their respective certification exams, but often do not give every topic the same amount of time and emphasis as may be required to completely pass the exam

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