# Exchange Online - Microsoft 365 - Deployment and Management of Cloud Services

Course code: GOC233

This five-day advanced course is designed for AD DS and M365 administrators who will learn how to set Exchange Online properties, set properties for different mailbox types, and test on the Outlook client side. It covers scripting for setting up individual tier mailboxes, setting up Exchange Online components in the Security, Defender, Compliance - PureView portal, or via PowerShell cmdlets.

| Affiliate | Duration | Course price | ITB |
|---|---|---|---|
| Praha | 5 | 33 000 Kč | 50 |
| Brno | 5 | 33 000 Kč | 50 |
| Bratislava | 5 | 1 320 € | 50 |

The prices are without VAT.

## Course terms

| Date | Duration | Course price | Type | Course language | Location |
|---|---|---|---|---|---|
| 11.01.2027 | 5 | 1 320 € | Online | CZ/SK | Online |
| 11.01.2027 | 5 | 33 000 Kč | Online | CZ/SK | Online |
| 15.02.2027 | 5 | 33 000 Kč | Presence | CZ/SK | GOPAS Praha |
| 03.05.2027 | 5 | 33 000 Kč | Online | CZ/SK | Online |
| 03.05.2027 | 5 | 1 320 € | Online | CZ/SK | Online |
| 24.05.2027 | 5 | 33 000 Kč | Presence | CZ/SK | GOPAS Praha |
| 23.08.2027 | 5 | 1 320 € | Online | CZ/SK | Online |
| 23.08.2027 | 5 | 33 000 Kč | Online | CZ/SK | Online |
| 13.09.2027 | 5 | 33 000 Kč | Presence | CZ/SK | GOPAS Praha |
| 08.11.2027 | 5 | 1 320 € | Online | CZ/SK | Online |
| 08.11.2027 | 5 | 33 000 Kč | Online | CZ/SK | Online |
| 29.11.2027 | 5 | 33 000 Kč | Presence | CZ/SK | GOPAS Praha |

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

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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
- 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

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- 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

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 praparation. 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 emphassis as may be required to completelly pass the exam

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