

# Exchange - advanced implementation and design

Course code: GOC232

Five-days instructor led training extends Exchange administration skills and also brings topics on design of complex and hybrid deployments with cloud infrastructures.

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
04.11.2024	5	28 500 Kč	Presence	CZ/SK	GOPAS Praha
11.11.2024	5	1 250 €	Online	CZ/SK	GOPAS Bratislava online
27.01.2025	5	28 500 Kč	Presence	CZ/SK	GOPAS Praha
02.06.2025	5	28 500 Kč	Presence	CZ/SK	GOPAS Praha

The prices are without VAT.

## Prerequisites

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

## Course outline

New features in Exchange Server

Gathering business requirements for an Exchange Server deployment

Planning for an Exchange Server deployment

Designing a Unified Messaging (UM) deployment

Planning Exchange Server hardware requirements

Planning Exchange Server for virtualization and Microsoft Azure integration

Planning and implementing public folders

Designing message routing

Designing transport services

Designing the message-routing perimeter

Designing and implementing transport compliance

Planning for Exchange Server clients

Planning for client access

Planning and implementing Office Online Server

Planning and implementing coexistence of SharePoint with Exchange

Designing external client access

Planning high availability for Exchange Server

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# Exchange - advanced implementation and design

- Planning for load balancing
- Planning for site resilience
- Using Managed Availability to improve high availability
- Implementing DSC
- Planning messaging security
- Designing and implementing AD RMS and Azure RMS integration
- Overview of messaging records management and archiving
- Designing In-Place Archiving
- Designing and implementing message retention
- Designing and implementing data loss prevention
- Designing and implementing In-Place Hold
- Designing and implementing In-Place eDiscovery
- Designing and implementing federation
- Designing coexistence between Exchange organizations
- Designing and implementing cross-forest mailbox moves
- Planning an upgrade from previous Exchange Server versions
- Implementing the upgrade from previous Exchange Server versions
- Basics of a hybrid deployment
- Planning and implementing a hybrid deployment
- Implementing advanced functionality for hybrid deployments

## 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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