Microsoft SQL Server Monitoring and Performance Tuning

Course code: GOC630

The course is designed for database professionals who have experience with the management or development of a database system and want to be able to effectively monitor and tune the performance of the database system.

Affiliate	Duration	Course price	ITB
Praha	5	35 000 Kč	50
Brno	5	35 000 Kč	50
Bratislava	5	1 200 €	50

The prices are without VAT.

Course terms

	Date	Duration	Course price	Type	Course language	Location
	30.11.2026	5	29 750 Kč	Presence	CZ/SK	GOPAS Praha
	14.12.2026	5	1 200 €	Online	CZ/SK	Online
	14.12.2026	5	35 000 Kč	Online	CZ/SK	Online
	01.02.2027	5	35 000 Kč	Telepresence	CZ/SK	GOPAS Brno
	01.02.2027	5	1 200 €	Telepresence	CZ/SK	GOPAS Bratislava
	15.03.2027	5	35 000 Kč	Online	CZ/SK	Online
	15.03.2027	5	1 200 €	Online	CZ/SK	Online
	03.05.2027	5	35 000 Kč	Presence	CZ/SK	GOPAS Praha
	28.06.2027	5	35 000 Kč	Telepresence	CZ/SK	GOPAS Brno
	28.06.2027	5	1 200 €	Telepresence	CZ/SK	GOPAS Bratislava
	02.08.2027	5	35 000 Kč	Online	CZ/SK	Online
	02.08.2027	5	1 200 €	Online	CZ/SK	Online
	29.11.2027	5	35 000 Kč	Presence	CZ/SK	GOPAS Praha

The prices are without VAT.

Who is the course for

The course is designed for database professionals who have experience with the management or development of a database system and want to be able to effectively monitor and tune the performance of the database system.

What we teach you

- We will introduce you into the SQL Server sources and how they are used
- Methods for SQL Server monitoring
- Evaluation of measured values and identification of the problem
- Recommended configurations and solving methods

Required skills

- Basic knowledge of Microsoft Windows operating systems
- The ability to understand and work with T-SQL at the level of the MOC 2778 or GOC277 course
- Knowledge in the field of database administration at the level of the course MOC 6231

Course outline

GOPAS Praha
Na Strži 2097/63
140 00 Praha 4 - Krč
Tel.: +420 226 201 390
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 530 513 590
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 902 903 132
info@gopas.sk

Copyright © 2026 GOPAS, a.s.,
All rights reserved

Microsoft SQL Server Monitoring and Performance Tuning

Basic SQL Server sources and the work with them

- SQL Server Architecture
- Memory Usage
- Working with the repository
- CPU and queries execution
- Object Lock and Latches
- Tempdb System Database

Methods for Monitoring SQL Server

- Performance Monitoring
- SQL Profiler
- Dynamic Management Views
- Evaluation of measured values and identification of the problem
- Activity monitoring
- Data Collector
- SQLDiag
- Extended Events
- SQLIO

Evaluation of measured values and identification of the problem

- Information about performance counters and their characteristics
- Recommended counters ' values
- Identifying of possible bottlenecks and problems

Recommended configurations and methods of solution

- SQL Server configuration and recommended procedures
- Database configuration and recommended procedures
- Identification of possible bottlenecks and problems

GOPAS Praha
Na Strži 2097/63
140 00 Praha 4 - Krč
Tel.: +420 226 201 390
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 530 513 590
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 902 903 132
info@gopas.sk

Copyright © 2026 GOPAS, a.s.,
All rights reserved