

# Advanced PostgreSQL Administration

Course code: PostgreSQL4

Learn how to best fulfill the more advanced DBA responsibilities including database tuning and benchmarking, monitoring, and more. The concepts and architecture that support these more in-depth topics, along with the options available to carry them out, are covered in detail. This includes how to make the best use of tools available to perform these tasks more efficiently.

Affiliate	Duration	Course price	ITB
Praha	3	21 500 Kč	30
Brno	3	21 500 Kč	30
Bratislava	3	1 040 €	30

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
13.01.2025	3	21 500 Kč	Presence	CZ/SK	GOPAS Praha
17.02.2025	3	1 040 €	Presence	CZ/SK	GOPAS Bratislava prezenčne
14.04.2025	3	21 500 Kč	Presence	CZ/SK	GOPAS Praha
28.04.2025	3	1 040 €	Online	CZ/SK	GOPAS Bratislava online
14.07.2025	3	1 040 €	Presence	CZ/SK	GOPAS Bratislava prezenčne

The prices are without VAT.

## Description

Learn how to best fulfill the more advanced DBA responsibilities including database tuning and benchmarking, monitoring, and more. The concepts and architecture that support these more in-depth topics, along with the options available to carry them out, are covered in detail. This includes how to make the best use of tools available to perform these tasks more efficiently.

## Course outline

- Introduction
- Database Monitoring
- SQL Tuning
- Performance Tuning
- Performance Benchmarking
- Extensions
- Table Partitioning
- Connection Pooling
- Foreign Data Wrappers
- Upgrading Best Practices Prerequisites
- Understanding of PostgreSQL
- Basic experience in database administration
- Intermediate knowledge of RDBMS concepts
- Basic understanding of SQL
- Basic understanding of Linux operating system is helpful

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## Certification path

This course includes 1 complimentary attempt/student at the PostgreSQL Advanced certification exam/digital badge.

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