

# 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
14.04.2025	3	21 500 Kč	Presence	CZ/SK	Gopas Praha Prezenční
28.04.2025	3	1 040 €	Online	CZ/SK	Gopas Bratislava Online
28.04.2025	3	21 500 Kč	Online	CZ/SK	Gopas Praha Online
14.07.2025	3	1 040 €	Presence	CZ/SK	Gopas Bratislava Prezenční

The prices are without VAT.

## Who is the course for

- DBAs
- Architects
- Database Professionals

## 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.

## 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

## Course outline

- Introduction
- Database Monitoring
- SQL Tuning
- Performance Tuning
- Performance Benchmarking
- Extensions
- Table Partitioning

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# Advanced PostgreSQL Administration

- Connection Pooling
- Foreign Data Wrappers
- Upgrading Best Practices

## Certification path

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

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