

Foundations of PostgreSQL Administration

Course code: PostgreSQL3

Learn the essentials of administering enterprise-scale data solutions using the different tools available in PostgreSQL; providing the skills required to design, implement, and manage PostgreSQL. This understanding will prepare you to install, configure, manage, and maintain PostgreSQL as well as manage large, highly available databases and their security requirements with confidence.

Affiliate	Duration	Course price	ITB
Praha	4	26 400 Kč	40
Brno	4	26 400 Kč	40
Bratislava	4	1 400 €	40

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
10.02.2025	4	26 400 Kč	Presence	CZ/SK	Gopas Praha Prezenční
08.04.2025	4	1 400 €	Presence	CZ/SK	Gopas Bratislava Prezenční
05.05.2025	4	26 400 Kč	Presence	CZ/SK	Gopas Praha Prezenční
16.06.2025	4	26 400 Kč	Online	CZ/SK	Gopas Praha Online
16.06.2025	4	1 400 €	Online	CZ/SK	Gopas Bratislava Online

The prices are without VAT.

Who the course is for

- The primary audience for this course is individuals who administer and maintain PostgreSQL databases

After completing this course, students will be able to:

- Understand database architecture
- How to install and implement database system
- How to configure database system
- Create and maintain databases
- How to work with user command line tools and GUI tools
- How to secure database system
- Understand basic database system terms and help
- Create Backup and restore strategy
- Design and implement database maintenance
- How to move data
- Using metadata

Required skills

- Intermediate knowledge of RDBMS concepts
- Basic understanding of SQL
- Basic experience with use of the Linux operating system (helpful)

Course Outline

- System Architecture
- Installation
- Configuration

GOPAS Praha
Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



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Foundations of PostgreSQL Administration

- Creating and Managing Databases
- User Tools: Command Line Interface
- GUI Tools
- Security
- SQL Primer
- Backup and Recovery
- Point in Time Recovery
- Routine Maintenance Tasks
- Postgres Data Dictionary
- Moving Data

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