

# EXPAND YOUR PostgreSQL SKILLS

## Top up your database know-how on PostgreSQL with world leading expert

Gispo Oy organizes two PostgreSQL courses in November-December 2015 on "Database Administration" and "Replication and Recovery". The courses are targeted to administrators of PostgreSQL databases.

### Database Administration: (2 days)

#### PREREQUISITES:

- Basic PostgreSQL database administration
- PostgreSQL basics

#### COURSE TOPICS:

- Connecting & Troubleshooting
- pgAdmin III Overview
- Server Configuration
- User Administration
- Understanding Database Object Types
- Permissions & Security
- Running SQL
- Monitoring and Maintenance
- MVCC and VACUUM
- Data Migration & Test Environments
- Server Logs
- Help & Support

### Replication and Recovery: (3 days)

#### PREREQUISITES:

- Basic systems administration
- Basic PostgreSQL database administration
- PostgreSQL basics

#### COURSE TOPICS:

- pg\_dump and restore options
- PITR Backup and Recovery
- Replication Concepts
- High Availability options
- Streaming Replication
- Managing clusters using repmgr
- Hot Standby
- Synchronous Replication
- File based Log Shipping
- Slony & Londiste
- Connection Pooling
- Upgrading PostgreSQL
- Sharding and Scale Out

Each participant has a computer reserved for the courses. The courses and the materials will be in English.

## How can I enroll?

**Dates:** PostgreSQL 9 Database Administration - 30.11-01.12.2015 (2 days)  
PostgreSQL 9 Replication and Recovery - 02.12-04.12.2015 (3 days)

**Price:** PostgreSQL 9 Database Administration - 1 695 € (+VAT)  
PostgreSQL 9 Replication and Recovery - 2 495 € (+VAT)

**Place:** [CSC training room,](#)  
[Espoo \(Keilaranta 14, Espoo, Finland\)](#)

To enroll, head to [www.gispo.fi](http://www.gispo.fi)

Questions? Contact us at [info@gispo.fi](mailto:info@gispo.fi) or from +358 40 725 2042 (Pekka Sarkola).



### Instructor: Who is Hannu?

Hannu Krosing describes himself as "PostgreSQL hacker since when it was called Postgres." At the moment he involves as PostgreSQL consultant and developer at 2ndQuadrant.



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