# **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.

### Who the course is for

- The primary audience for this course is individuals who administer and maintain PostgreSQL databases and want prepare to manage large, highly available databases

### Required skills

- Knowledge at the level equivalent of the PostgreSQL3 course

### Course Outline

- PostgreSQL System Architecture
- Transactions and Concurrency Transaction Definition
- Performance Tuning
- Table Partitioning
- High Availability & Replication
- Connection Pooling
- Monitoring
- Procedural Languages
- Add on Utilities Contrib

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