



PostgreSQL 9 High Availability Cookbook

Shaun M. Thomas

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PostgreSQL 9 High Availability Cookbook Shaun M. Thomas Over 100 recipes to design and implement a highly available server with the advanced features of **PostgreSQL**

About This Book

- Create a PostgreSQL cluster that stays online even when disaster strikes
- Avoid costly downtime and data loss that can ruin your business
- Perform data replication and monitor your data with hands-on industry-driven recipes and detailed step-bystep explanations

Who This Book Is For

If you are a PostgreSQL DBA working on Linux systems who want a database that never gives up, this book is for you. If you've ever experienced a database outage, restored from a backup, spent hours trying to repair a malfunctioning cluster, or simply want to guarantee system stability, this book is definitely for you.

What You Will Learn

- Protect your data with PostgreSQL replication and management tools such as Slony, Bucardo, and Londiste
- Choose the correct hardware for redundancy and scale
- Prepare for catastrophes and prevent them before they happen
- Reduce database resource contention with connection pooling
- Automate monitoring and alerts to visualize cluster activity using Nagios and collectd
- Construct a robust software stack that can detect and fix outages
- Design a scalable schema architecture to handle billions of queries

In Detail

PostgreSQL, often known as simply "Postgres", is an object-relational database management system (ORDBMS) with an emphasis on extensibility and standards-compliance.

From hardware selection to software stacks and horizontal scalability, this book will help you build a versatile PostgreSQL cluster that will survive crashes, resist data corruption, and grow smoothly with customer demand. We start with selecting the necessary hardware to handle multiple failure scenarios with redundancy. Then, we discuss how to automate and visualize these checks with Nagios, check_mk, and Graphite. We'll finally round off by tackling the complex problem of data scalability.

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John Bennett:

This PostgreSQL 9 High Availability Cookbook book is absolutely not ordinary book, you have it then the world is in your hands. The benefit you receive by reading this book is definitely information inside this reserve incredible fresh, you will get details which is getting deeper a person read a lot of information you will get. This specific PostgreSQL 9 High Availability Cookbook without we realize teach the one who studying it become critical in considering and analyzing. Don't always be worry PostgreSQL 9 High Availability Cookbook can bring once you are and not make your tote space or bookshelves' become full because you can have it in your lovely laptop even telephone. This PostgreSQL 9 High Availability Cookbook having fine arrangement in word and layout, so you will not experience uninterested in reading.

Patricia Welling:

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