Postgresql 10 Administration Cookbook Over 165 Ef

Nowadays, many companies are migrating their applications and data to cloud service providers, mainly because of their ability to answer quickly to business requirements. Thereby, the performance is an important requirement for most customers when they wish to migrate their applications to the cloud. Therefore, in cloud environments, resources should be acquired and released automatically and quickly at runtime. Moreover, the users and service providers expect to get answers in time to ensure the service SLA (Service Level Agreement). Consequently, ensuring the QoS (Quality of Service) is a great challenge and it increases when we have large amounts of data to be manipulated in this environment. To resolve this kind of problems, several researches have been focused on shorter execution time using adaptive query processing and/or prediction of resources based on current system status. However, they present important limitations. For example, most of these works does not use monitoring during query execution and/or presents intrusive solutions, i.e. applied to the particular context. The aim of this book is to present the development of new solutions/strategies to efficient adaptive query processing on large databases available in a cloud environment. It must integrate adaptive re-optimization at query runtime and their costs are based on the SRT (Service Response Time – SLA QoS performance parameter). Finally, the proposed solution will be evaluated on large scale with large volume of data, machines and queries in a cloud computing infrastructure. Finally, this work also proposes a new model to estimate the SRT for different request types (database access requests). This model will allow the cloud service provider and its customers to establish an appropriate SLA relative to the expected performance of the services available in the cloud.
This book will get you up and running with building efficient relational database solutions right from scratch with the newest features of PostgreSQL 11. You will learn the end-to-end working of relational databases and how to work with database structures. You will also be able to write essential SQL statements, perform data manipulation and ...
Build world-class enterprise Business Intelligence solutions with MicroStrategy 10 About This Book Fix the gap between BI tools and implementation/integration processes with big data and predictive analytics using this comprehensive guide to MicroStrategy 10 Highly practical, example-rich guide that lets

you implement business intelligence with MicroStrategy 10 in your organization Create the best user experience with BI dashboards using MicroStrategy using this up-to-date, comprehensive guide Who This Book Is For This book is intended for BI, DWH, ETL developers, BI/DWH/Analytics managers, analysts, and business users who already have MicroStrategy in their organization and want to take it to the next level in order to increase performance and improve user experience. In addition, it helps the reader to migrate from MicroStrategy 9 to MicroStrategy 10 and to start using the new capabilities. What You Will Learn Explore various visualization techniques for presenting analyzed data Customize MicroStrategy in order to meet your business requirements Develop and design mobile dashboards Use the advanced techniques such as designing reports, documents and interactive dashboards for building dashboards Understand the concepts of data discovery and Desktop capabilities Explore the best practices for Microstrategy system administration Find and fix issues based on connections, environment or documents Integrate third party ESRI map tools with MicroStrategy to create geo based reports In Detail Business intelligence is becoming more important by the day, with cloud offerings and mobile devices gaining wider acceptance and achieving better market penetration. MicroStrategy Reporting Suite is an absolute leader in the BI market and offers rich capabilities from basic data visualizations to predictive analytics. It lets you various delivery methods such as the Web, desktops, and mobiles. Using real-world BI scenarios, this book helps you to implement Business Analytics solutions in big e-commerce companies. It kicks off with MicroStrategy 10 features and then covers schema design models and techniques. Building upon your existing knowledge, the book will teach you advanced techniques for building documents and dashboards. It further teaches various graphical techniques for presenting data for analysis using maps, graphs, and advanced charts. Although MicroStrategy has rich functionality, the book will show how to customize it in order to meet your business requirements. You will also become familiar with the native analytical functions that will help you to maximize the impact of BI solutions with powerful predictive analytics. Furthermore, the book will focus on MicroStrategy Mobile Analytics along with data discovery and desktop capabilities such as connecting various data sources and building interactive dashboards. The book will also uncover best practices, troubleshooting techniques for MicroStrategy system administration, and also security and authentication techniques. Lastly, you will learn to use Hadoop for MicroStrategy reporting. By the end of the book, you will become proficient in

evaluating any BI software in order to choose the best one that meets all business requirements. Style and approach This book will be focusing on providing extensive guide to plan how to design and develop complex BI architecture for real world scenario, using Microstrategy 10, best practices and collected experience working with BI, predictive analytics, and Microstrategy and big data.

A practical guide to administer, monitor and replicate your PostgreSQL 10 database About This Book Get to grips with the capabilities of PostgreSQL 10 to administer your database more efficiently Monitor, tune, secure and protect your database for optimal performance A step-by-step, recipe-based guide to help you tackle any problem in PostgreSQL 10 administration with ease Who This Book Is For This book is for database administrators, data architects, developers, or anyone with an interest in planning for, or running, live production databases using PostgreSQL. It is most suited to those looking for hands-on solutions to any problem associated with PostgreSQL administration. What You Will Learn Get to grips with the newly released PostgreSQL 10 features to improve database performance and reliability Manage open source PostgreSQL versions 10 on various platforms. Explore best practices for planning and designing live databases Select and implement robust backup and recovery techniques in PostgreSQL 10 Explore concise and clear guidance on replication and high availability Discover advanced technical tips for experienced users In Detail PostgreSQL is a powerful, open source database management system with an enviable reputation for high performance and stability. With many new features in its arsenal, PostgreSQL 10 allows users to scale up their PostgreSQL infrastructure. This book takes a step-by-step, recipe-based approach to effective PostgreSQL administration. Throughout this book, you will be introduced to these new features such as logical replication, native table partitioning, additional query parallelism, and much more. You will learn how to tackle a variety of problems that are basically the pain points for any database administrator – from creating tables to managing views, from improving performance to securing your database. More importantly, the book pays special attention to topics such as monitoring roles, backup, and recovery of your PostgreSQL 10 database, ensuring high availability, concurrency, and replication. By the end of this book, you will know everything you need to know to be the go-to PostgreSQL expert in your organization. Style and approach The book is a step by step guide with example-driven recipes, focused on the new features of the latest PostgreSQL version10. This book will serve as a specific guide to understand and

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leverage useful PostgreSQL functionalities to create better and
more efficient databases. Down ...
Administração PostgreSQL
Salt Cookbook
Learning PostgreSQL 11
PostgreSQL 12 High Availability Cookbook
Oracle SQL*Plus Pocket Reference
Mastering PostgreSQL 13 - Fourth Edition
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Support for regular expressions in SQL and PL/SQL is one of the most exciting features of Or
Database 1OG. Oracle has long supported the ANSI-standard LIKE predicate for rudimentary pa
matching, but regular expressions take pattern matching to a new level. They provide a powe
select data that matches a pattern, as well as to manipulate, rearrange, and change that dat
concise pocket guide is part tutorial and part quick-reference. It's suitable for those who hav
used regular expressions before, as well as those who have experience with Perl and other la
supporting regular expressions. The book describes Oracle Database 1OG's support for regular
expressions, including globalization support and differences between Perl's syntax and the PO
syntax supported by Oracle 1OG. It also provides a comprehensive reference, including exampl
supported regular expression operators, functions, and error messages. O'Reilly's Pocket Refer
have become a favorite among developers and database administrators everywhere. By provid
wealth of important details in a concise, well-organized format, these handy books deliver jus
need to complete the task at hand. Whether you're using regular expressions for the first tim
applying your skills from other languages to the latest version of Oracle, the Oracle Regular
Expressions Pocket Reference is the book to have close by.
PostgreSQL is a rock-solid, scalable, and safe, enterprise-level relational database. With a broa
of features and stability it is ever increasing in popularity. The book shows you how to take a
of PostgreSQL 11 features for Server-Side-Programming. Server-Side-Programming enables str
data encapsulation and coherence.
Learn Chef Provisioning like a boss and discover how to deploy software and manage hosts, a
engaging recipes to automate your cloud and server infrastructure with Chef. About This Boo
the power of Chef to transform your infrastructure into code to deploy new features in minu
by-step instructions to configure, deploy, and scale your applications Master specific Chef te
run an entire fleet of machines without breaking a sweat. Who This Book Is For If you are a s
administrator, Linux administrator, a cloud developer, or someone who just wants to learn an
Chef automation to your existing or new infrastructure, then this learning path will show you
need to know. In order to get the most out of this learning path, some experience of progran
scripting languages would be useful. What You Will Learn Install Chef server on your own hos
Integrate Chef with cloud services Debug your cookbooks and Chef runs using the numerous
and logging facilities of Chef Extend Chef to meet your advanced needs by creating custom p
Knife and Ohai Create a perfect model system Use the best test-driven development methodo
Detail Chef is a configuration management tool that turns IT infrastructure into code. Chef pr
tools to manage systems at scale. This learning path takes you on a comprehensive tour of C
functionality, ranging from its core features to advanced development. You will be brought up
with what's new in Chef and how to set up your own Chef infrastructure for individuals, or s
large teams. You will learn to use the basic Chef command-line tools. We will also take you th
core concepts of managing users, applications, and your entire cloud infrastructure. You will l
techniques of the pros by walking you through a host of step-by-step guides to solve real-wo
infrastructure automation challenges.You will learn to automate and document every aspect o
network, from the hardware to software, middleware, and all your containers. You will becom
with the Chef'sProvisioning tool. By the end of this course, you will be confident in how to m

infrastructure, scale using the cloud, and extend the built-in functionality of Chef itself.The bo
in this Learning Path are: 1) Chef Essentials 2) Chef Infrastructure Automation Cookbook – Se
Edition 3) Mastering Chef Provisioning Style and approach This fast-paced guide covers the m
facets of Chef and will teach administrators to use Chef as a birds-eye lens for their entire s
book takes you through a host of step-by-step guides to solve real-world infrastructure auto
challenges and offers elegant, time-saving solutions for a perfectly described and automated
Over 150 recipes to help you administer your PostgreSQL database more efficiently About Thi
Get to grips with the capabilities of PostgreSQL 9.6 to administer your database more efficie
Monitor, tune, secure and protect your database A step-by-step, recipe-based guide to help y
any problem in PostgreSQL administration with ease Who This Book Is For This book is for sys
administrators, database administrators, data architects, developers, and anyone with an inte
planning for, or running, live production databases. This book is most suited to those who hav
technical experience. What You Will Learn Implement PostgreSQL features for performance an
reliability Harness the power of the latest PostgreSQL 9.6 features Manage open source Post
versions 9.5 and 9.6 on various platforms Discover advanced technical tips for experienced us
Explore best practices for planning and designing live databases Select and implement robust
and recovery techniques Explore concise and clear guidance on replication and high availability
latest details on Logical Replication and Bi-Directional Replication In Detail PostgreSQL is a po
opensource database management system; now recognized as the expert's choice for a wide
applications, it has an enviable reputation for performance and stability. PostgreSQL provides
integrated feature set comprising relational database features, object-relational, text search,
Geographical Info Systems, analytical tools for big data and JSON/XML document management
Starting with short and simple recipes, you will soon dive into core features, such as configur
server control, tables, and data. You will tackle a variety of problems a database administrato
encounters, from creating tables to managing views, from improving performance to securing
database, and from using monitoring tools to using storage engines. Recipes based on importa
such as high availability, concurrency, replication, backup and recovery, as well as diagnostics
troubleshooting are also given special importance. By the end of this book, you will have all th
knowledge you need to run, manage, and maintain PostgreSQL efficiently. Style and approach
takes a step-by-step, recipe-based approach, where each recipe focuses on a particular challe
by a PostgreSQL administrator while administering his/her database. Explained in a very easy
manner, every task is supported with best practices, tips and tricks.
Effective database programming and interaction
Mastering PostgreSQL 10
Basics, Exploring the Server, Database Administration
Redis 4.x Cookbook
Expert techniques on PostgreSQL 10 development and administration
Middleware 2013
If you are a system administrator, database administrator, architect, developer, or anyone with an
interest in planning, managing, and designing database solutions using PostgreSQL, this is the
book for you. This book is suited for you if you have some prior experience with any relational
database or with the SQL language.
Master the capabilities of PostgreSQL 10 to efficiently manage and maintain your database Key
Features Your one-stop guide to mastering advanced concepts in PostgreSQL 10 with ease
Master query optimization, replication, and high availability with PostgreSQL Extend the
functionalities of your PostgreSQL instance to suit your organizational needs with minimal
effort Book Description PostgreSQL is an open source database used for handling large datasets
(big data) and as a JSON document database. This book highlights the newly introduced features
in PostgreSQL 10, and shows you how you can build better PostgreSQL applications, and

administer your PostgreSQL database more efficiently. We begin by explaining advanced database design concepts in PostgreSQL 10, along with indexing and query optimization. You will also see how to work with event triggers and perform concurrent transactions and table partitioning, along with exploring SQL and server tuning. We will walk you through implementing advanced administrative tasks such as server maintenance and monitoring, replication, recovery, high availability, and much more. You will understand common and not-so-common troubleshooting problems and how you can overcome them. By the end of this book, you will have an expert-level command of advanced database functionalities and will be able to implement advanced administrative tasks with PostgreSQL 10. What you will learn Get to grips with the advanced features of PostgreSQL 10 and handle advanced SQL Make use of the indexing features in PostgreSQL and fine-tune the performance of your queries Work with stored procedures and manage backup and recovery Master replication and failover techniques Troubleshoot your PostgreSQL instance for solutions to common and not-so-common problems Learn how to migrate your database from MySQL and Oracle to PostgreSQL without any hassle Who this book is for If you are a PostgreSQL data architect or an administrator and want to understand how to implement advanced functionalities and master complex administrative tasks with PostgreSQL 10, then this book is perfect for you. Prior experience of administrating a PostgreSQL database and a working knowledge of SQL are required to make the best use of this book.
"Solutions and examples for Snort administrators"--Cover.
Written in the cookbook style, this book offers learning and techniques through recipes. It contains step-by-step instructions for administrators and developers to manage databases in PostgreSQL. The book is designed in such a way that you can read it chapter by chapter or refer to recipes in no particular order. This book is for Sysadmins, Database Administrators, Architects, Developers, and anyone with an interest in planning for or running live production databases. The book assumes that you are familiar with the basic operation of PostgreSQL.
Postgresql 9 Administration Cookbook Lite
Over 100 Recipes to Design a Highly Available Server with the Advanced Features of PostgreSQL 12, 3rd Edition
Chef: Powerful Infrastructure Automation
PostgreSQL 10 Administration Cookbook
Build, Administer, and Maintain Database Applications Efficiently with PostgreSQL 13
Snort Cookbook
Get to know effective ways to improve PostgreSQL's performance and master query optimization, and database monitoring. About This Book Perform essential database tasks such as benchmarking the database and optimizing the server's memory usage Learn ways to improve query performance and optimize the PostgreSQL server Explore a wide range of high availability and replication mechanisms to build robust, highly available, scalable, and fault-tolerant PostgreSQL databases Who This Book Is For If you are a developer or administrator with limited PostgreSQL knowledge and want to develop your skills with this great open source database, then this book is ideal for you. Learning how to enhance the database performance is always an exciting topic to everyone, and this book will show you enough ways to enhance

the database performance. What You Will Learn Build replication strategies for homogeneous and heterogeneous databases Test and build a powerful machine with multiple bench marking techniques Get to know a few SQL injection techniques Find out how to manage the replication using multiple tools Benchmark the database server using multiple strategies Work with the query processing algorithms and their internal behaviors Build a proper plan to upgrade or migrate to PostgreSQL from other databases See the essential database load balancing techniques and the various partitioning approaches PostgreSQL provides Learn memory optimization techniques and database server configurations In Detail PostgreSQL is one of the most powerful and easy to use database management systems. It has strong support from the community and is being actively developed with a new release every year. PostgreSQL supports the most advanced features included in SQL standards. It also provides NoSQL capabilities and very rich data types and extensions. All of this makes PostgreSQL a very attractive solution in software systems. If you run a database, you want it to perform well and you want to be able to secure it. As the world's most advanced open source database, PostgreSQL has unique built-in ways to achieve these goals. This book will show you a multitude of ways to enhance your database's performance and give you insights into measuring and optimizing a PostgreSQL database to achieve better performance. This book is your one-stop guide to elevate your PostgreSQL knowledge to the next level. First, you'll get familiarized with essential developer/administrator concepts such as load balancing, connection pooling, and distributing connections to multiple nodes. Next, you will explore memory optimization techniques before exploring the security controls offered by PostgreSQL. Then, you will move on to the essential database/server monitoring and replication strategies with PostgreSQL. Finally, you will learn about query processing algorithms. Style and approach This comprehensive guide is packed with practical administration tasks. Each topic is explained using examples and a step-by-step approach.

Dit boek vertelt je precies wat je allemaal met je Android-tablet kunt doen. Van het gebruiken van internet, e-mail en social media tot het vinden van apps, muziek en boeken. Het is geschikt voor alle types Android-tablets en bevat alle informatie die je nodig hebt om met je tablet aan de slag te gaan. Foto's maken en delen, genieten van films en series, je agenda bijhouden en nog veel meer - met dit boek heeft je tablet geen geheimen meer voor jou! Deze nieuwe editie is bijgewerkt tot en met Android-versie 8 (Ouro). Dan Gookin is de auteur van 'DOS voor Dummies', het allereerste Voor Dummies-boek. Hij wordt

wereldwijd geprezen om zijn vele computing-bestsellers. Bron:
Flaptekst, uitgeversinformatie.
The Oracle SQLPlus Pocket Reference is a must-have for anyone
working with Oracle databases, especially those looking to
maximize the effectiveness of SQLPlus. As Oracle's long-standing
interactive query tool, SQLPlus is available at every Oracle
site, from the largest data warehouse to the smallest single-
user system. Despite its wide use, however, SQLPlus is still
often not completely understood or fully utilized.Database
administrators and developers alike will therefore find the
Oracle SQLPlus Pocket Reference to be extremely beneficial. In
addition to summarizing all of the SQLPlus syntax and format
options, including new Oracle Database 10g features, this handy,
on-the-job guide specifically shows readers how to:
Differentiate between SQL and SQLPlus Interact with SQLPlus from
both the command line and the web browser Select, insert,
update, and delete data Format both text and HTML reports with
SQLPlus Specify SQLPlus commands and format elements Tune SQL
queries The new third edition of this book has been updated for
Oracle Database 10g to include information on both SQLPlus and
SQL. New SQL information includes the SELECT statement's new
MODEL clause, flashback queries, partition outer joins, and
DBMS_XPLAN.With its quick-reference format and compact size, the
Oracle SQLPlus Pocket Reference follows in the long line of
successful "pocket references" offered by O'Reilly. It also
serves as the ideal companion to O'Reilly's larger, more
comprehensive book on SQLPlus, the bestselling Oracle SQLPlus:
The Definitive Guide.Author Jonathan Gennick is an editor for
O'Reilly specializing in database and programming titles, having
amassed some 17 years of programming and database management
experience.
Annotation web2py is a free open source full-stack framework for
rapid development of fast, scalable, secure and portable
database-driven web-based applications. It is written and
programmable in Python, and straightforward to run. web2py
implements Model-View-Controller design, server-side form
validation, and postbacks that make the code more readable,
scalable, and maintainable. Are you familiar with web2py, and
interested in gaining more advanced knowledge?web2py Application
Development Cookbook gives you the necessary knowledge to make
you a web2py expert. Right from teaching you about the database
abstraction layer to adding AJAX effects to recipes about
recipe, the book will make you a master of web2py through
advanced practical recipes without any drudgery or straining the
brain.web2py Application Development Cookbook is the tool you
will need to expand and enhance your web2py skills.This book

begins with teaching you running web2py in various different systems followed by building simple applications. It focuses on database abstraction layer next and then explains building advanced forms. Adding stunning AJAX effects, using third party libraries and recipes on web services follow. Advanced recipes on authentication and authorization are taught and then routing and reporting recipes claim your attention. There is a final wrap-up with useful, interesting tips and tricks which you will really enjoy.In short, this book will make you an expert in web2py in a trouble-free, quick, and easy manner.
CentOS 7 Linux Server Cookbook
Over 80 hand-picked recipes for effective Redis development and administration
Android-tablets voor dummies
Expert techniques to build scalable, reliable, and fault-tolerant database applications, 2nd Edition
PostgreSQL Cookbook
Mastering Business Intelligence with MicroStrategy
In Detail PostgreSQL is a powerful, open source, enterprise database. This PostgreSQL 9 Administration Cookbook LITE book describes key aspects of the PostgreSQL open source database system. The book will help a sysadmin or DBA with key administration issues in PostgreSQL: configuration, monitoring and diagnosis, and setting up regular maintenance. This hands-on guide will assist developers working on live databases supporting web or enterprise software applications. To find out more about upgrading to the full edition, visit www.packtpub.com/lite-editions and log into your account for offers and help. If you don't have an account on PacktPub.com, visit today and set one up!Approach Written in the cookbook style, this book offers learning and techniques through recipes. It contains step-by-step instructions for administrators and developers to manage databases in PostgreSQL. The book is designed in such a way that you can read it chapter by chapter or refer to recipes in no particular order.Who this book is for This book is for Sysadmins, Database Administrators, Architects, Developers, and anyone with an interest in planning for or running live production databases. The book assumes that you are familiar with the basic operation of PostgreSQL. Over 70 practical recipes to help you create scalable websites using the Django 1.8 framework About This Book This is the latest book on the market that will help you take advantage of the new features added to Django 1.8 This book consists of recipes of varying complexities to help you create multilingual, responsive, and scalable websites with Django This updated edition teaches you major Django functions and will help you improve your skills by developing models, forms, views, and templates Who This Book Is For This book is for intermediate-level and professional Django users who need to build projects that are multilingual, functional on devices of different screen sizes, and that scale over a period of time. If you have created websites with Django but you want to sharpen your knowledge and learn some good approaches to different aspects of web development, you should definitely read this book. What You Will Learn Get started with the basic configuration necessary to start any Django project Build a database structure out of reusable model mixins Manage forms and views and get to know some useful patterns that are used to create them Create handy template filters and tags that you can reuse in every project Integrate your own functionality into the Django CMS Manage hierarchical structures with MPTT Import data from local sources and external web services as well as exporting your data to third parties Implement a multilingual search

with Haystack Test and deploy your project efficiently In Detail Django is a web framework that was designed to strike a balance between rapid web development and high performance. It has the capacity to handle applications with high levels of user traffic and interaction, and can integrate with massive databases on the backend, constantly collecting and processing data in real time. Through this book, you'll discover that collecting data from different sources and providing it to others in different formats isn't as difficult as you thought. It follows a task-based approach to guide you through all the web development processes using the Django framework. We'll start by setting up the virtual environment for a Django project and configuring it. Then you'll learn to write reusable pieces of code for your models and find out how to manage database schema changes using South migrations. After that, we'll take you through working with forms and views to enter and list data. With practical examples on using templates and JavaScript together, you will discover how to create the best user experience. In the final chapters, you'll be introduced to some programming and debugging tricks and finally, you will be shown how to test and deploy the project to a remote dedicated server. By the end of this book, you will have a good understanding of the new features added to Django 1.8 and be an expert at web development processes. Style and approach Every chapter consists of practical examples and a mix of basic and advanced recipes that will guide you through the entire web development process, starting from project configuration and taking you right through to deployment.

This is a cookbook and you may read the chapters in any order. The recipes need not be read sequentially. There are a good amount of code examples and relevant screenshots to ease learning pains. The target audience are Python developers with basic knowledge of web2py who want to gain further knowledge of web2py

O PostgreSQL é um dos mais utilizados gerenciadores de bancos de dados open-source, com ampla utilização acadêmica e comercial. Este livro foca o estudo desse software, trazendo ao leitor, sua evolução, instalação e administração, tudo isso com exemplos práticos, e muitas dicas de utilização, sem deixar o aspecto técnico metodológico de lado. O livro pode ser de interesse tanto do iniciante que pretende ter uma base robusta do PostgreSQL em suas várias versões, com ênfase nas versões 9.4, 9.5, 9.6 e 10, quanto ao Administrador experiente que procura se manter atualizado.

Forthcoming Books

Explore techniques to master database programming and administration tasks in IBM Db2

PostgreSQL High Performance Cookbook

A Guide to SQL*Plus Syntax

PostgreSQL Administration Cookbook - Third Edition

Over 165 effective recipes for database management and maintenance in PostgreSQL 10

Salt has become one of the major players in automation and configuration management solutions. This book starts with the basics of the tool, the procedures to get up and running with Salt and then moves on to configuring very simple but important details to receive optimal performance from the tool. It also walks you through Salt configurations for different infrastructure components and the details of the Salt modules for each of the components. The book also provides some common problem scenarios and how to troubleshoot them. With detailed configuration, their explanation and command line outputs of the module execution, Salt Cookbook will help you to get up and running with Salt for all your infrastructural needs.

The Oracle SQLPlus Pocket Reference is a must-have for anyone working with Oracle databases, especially those looking to maximize the effectiveness of SQLPlus. As Oracle's long-standing interactive query tool, SQLPlus is available at every Oracle site, from the

largest data warehouse to the smallest single-user system. Despite its wide use, however, SQLPlus is still often not completely understood or fully utilized. Database administrators and developers alike will therefore find the Oracle SQLPlus Pocket Reference to be extremely beneficial. In addition to summarizing all of the SQLPlus syntax and format options, including new Oracle Database 10g features, this handy, on-the-job guide specifically shows readers how to: Differentiate between SQL and SQLPlus Interact with SQLPlus from both the command line and the web browser Select, insert, update, and delete data Format both text and HTML reports with SQLPlus Specify SQLPlus commands and format elements Tune SQL queries The new third edition of this book has been updated for Oracle Database 10g to include information on both SQL*Plus and SQL. New SQL information includes the SELECT statement's new MODEL clause, flashback queries, partition outer joins, and DBMS_XPLAN. With its quick-reference format and compact size, the Oracle SQLPlus Pocket Reference follows in the long line of successful "pocket references" offered by O'Reilly. It also serves as the ideal companion to O'Reilly's larger, more comprehensive book on SQLPlus, the bestselling Oracle SQL*Plus: The Definitive Guide. Author Jonathan Gennick is an editor for O'Reilly specializing in database and programming titles, having amassed some 17 years of programming and database management experience.
Explore expert techniques such as advanced indexing and high availability to build scalable, reliable, and fault-tolerant database applications using PostgreSQL 13 Key Features Master advanced PostgreSQL 13 concepts with the help of real-world datasets and examples Leverage PostgreSQL's indexing features to fine-tune the performance of your queries Extend PostgreSQL's functionalities to suit your organization's needs with minimal effort Book Description Thanks to its reliability, robustness, and high performance, PostgreSQL has become one of the most advanced open source databases on the market. This updated fourth edition will help you understand PostgreSQL administration and how to build dynamic database solutions for enterprise apps with the latest release of PostgreSQL, including designing both physical and technical aspects of the system architecture with ease. Starting with an introduction to the new features in PostgreSQL 13, this book will guide you in building efficient and fault-tolerant PostgreSQL apps. You'll explore advanced PostgreSQL features, such as logical replication, database clusters, performance tuning, advanced indexing, monitoring, and user management, to manage and maintain your database. You'll then work with the PostgreSQL optimizer, configure PostgreSQL for high speed, and move from Oracle to PostgreSQL. The book also covers transactions, locking, and indexes, and shows you how to improve performance with query optimization. You'll also focus on how to manage network security and work with backups and replication while exploring useful PostgreSQL extensions that optimize the performance of large databases. By the end of this PostgreSQL book, you'll be able to get the most out of your database by executing advanced administrative tasks. What You Will Learn Get well versed with advanced SQL functions in PostgreSQL 13 Get to grips with administrative tasks such as log file management and monitoring Work with stored procedures and manage backup and recovery Employ replication and failover techniques to reduce data loss Perform

database migration from Oracle to PostgreSQL with ease Replicate PostgreSQL database systems to create backups and scale your database Manage and improve server security to protect your data Troubleshoot your PostgreSQL instance to find solutions to common and not-so-common problems Who this book is for ?This database administration book is for PostgreSQL developers and database administrators and professionals who want to implement advanced functionalities and master complex administrative tasks with PostgreSQL 13. Prior experience in PostgreSQL and familiarity with the basics of database administration will assist with understanding key concepts covered in the book

This book includes the newly introduced features in PostgreSQL 11, and shows you how to build better PostgreSQL applications, and administer your PostgreSQL database efficiently. You will master the advanced features of PostgreSQL and acquire the necessary skills to build efficient database solutions.

PostgreSQL 9 Administration Cookbook - Second Edition

Odoo 14 Development Cookbook

IBM Db2 11.1 Certification Guide

Web2py Application Development Cookbook

Mastering PostgreSQL 11

PostgreSQL Administration Cookbook, 9.5/9.6 Edition

A comprehensive guide to understanding key techniques for architecture and hardware planning, monitoring, replication, backups, and decoupling Key Features Newly updated edition, covering the latest PostgreSQL 12 features with hands-on industry-driven recipes Create a PostgreSQL cluster that stays online even when disaster strikes Learn how to avoid costly downtime and data loss that can ruin your business Book Description Databases are nothing without the data they store. In the event of an outage or technical catastrophe, immediate recovery is essential. This updated edition ensures that you will learn the important concepts related to node architecture design, as well as techniques such as using repmgr for failover automation. From cluster layout and hardware selection to software stacks and horizontal scalability, this PostgreSQL cookbook will help you build a PostgreSQL cluster that will survive crashes, resist data corruption, and grow smoothly with customer demand. You'll start by understanding how to plan a PostgreSQL database architecture that is resistant to outages and scalable, as it is the scaffolding on which everything rests. With the bedrock established, you'll cover the topics that PostgreSQL database administrators need to know to manage a highly available cluster. This includes configuration, troubleshooting, monitoring and alerting, backups through proxies, failover automation, and other considerations that are essential for a healthy PostgreSQL cluster. Later, you'll learn to use multi-master replication to maximize server availability. Later chapters will guide you through managing major version upgrades without downtime. By the end of this book, you'll have learned how to build an efficient and adaptive PostgreSQL 12 database cluster. What you will learn Understand how to protect data with PostgreSQL replication tools

Focus on hardware planning to ensure that your database runs efficiently Reduce database resource contention with connection pooling Monitor and visualize cluster activity with Nagios and the TIG (Telegraf, InfluxDB, Grafana) stack Construct a robust software stack that can detect and avert outages Use multi-master to achieve an enduring PostgreSQL cluster Who this book is for This book is for Postgres administrators and developers who are looking to build and maintain a highly reliable PostgreSQL cluster. Although knowledge of the new features of PostgreSQL 12 is not required, a basic understanding of PostgreSQL administration is expected.
A practical guide to administer, monitor and replicate your PostgreSQL 11 database Key Features Study and apply the newly introduced features in PostgreSQL 11 Tackle any problem in PostgreSQL 11 administration and management Catch up on expert techniques for monitoring, fine-tuning, and securing your database Book Description PostgreSQL is a powerful, open source database management system with an enviable reputation for high performance and stability. With many new features in its arsenal, PostgreSQL 11 allows you to scale up your PostgreSQL infrastructure. This book takes a step-by-step, recipe-based approach to effective PostgreSQL administration. The book will introduce you to new features such as logical replication, native table partitioning, additional query parallelism, and much more to help you to understand and control, crash recovery and plan backups. You will learn how to tackle a variety of problems and pain points for any database administrator such as creating tables, managing views, improving performance, and securing your database. As you make steady progress, the book will draw attention to important topics such as monitoring roles, backup, and recovery of your PostgreSQL 11 database to help you understand roles and produce a summary of log files, ensuring high availability, concurrency, and replication. By the end of this book, you will have the necessary knowledge to manage your PostgreSQL 11 database efficiently. What you will learn Troubleshoot open source PostgreSQL version 11 on various platforms Deploy best practices for planning and designing live databases Select and implement robust backup and recovery techniques in PostgreSQL 11 Use pgAdmin or OmniDB to perform database administrator (DBA) tasks Adopt efficient replication and high availability techniques in PostgreSQL Improve the performance of your PostgreSQL solution Who this book is for This book is designed for database administrators, data architects, database developers, or anyone with an interest in planning and running live production databases using PostgreSQL 11. It is also ideal if you're looking for hands-on solutions to any problem associated with PostgreSQL 11 administration. Some experience with handling PostgreSQL databases will be beneficial
A practical guide to administer, monitor and replicate your PostgreSQL 10 database Key Features Get to grips with the capabilities of PostgreSQL 10 to administer your database more efficiently Monitor, tune, secure and protect your database for optimal performance A step-by-step, recipe-based guide to help you tackle any problem in PostgreSQL 10 administration with

ease Book Description PostgreSQL is a powerful, open source database management system with an enviable reputation for high performance and stability. With many new features in its arsenal, PostgreSQL 10 allows users to scale up their PostgreSQL infrastructure. This book takes a step-by-step, recipe-based approach to effective PostgreSQL administration. Throughout this book, you will be introduced to these new features such as logical replication, native table partitioning, additional query parallelism, and much more. You will learn how to tackle a variety of problems that are basically the pain points for any database administrator - from creating tables to managing views, from improving performance to securing your database. More importantly, the book pays special attention to topics such as monitoring roles, backup, and recovery of your PostgreSQL 10 database, ensuring high availability, concurrency, and replication. By the end of this book, you will know everything you need to know to be the go-to PostgreSQL expert in your organization. What you will learn Get to grips with the newly released PostgreSQL 10 features to improve database performance and reliability Manage open source PostgreSQL versions 10 on various platforms. Explore best practices for planning and designing live databases Select and implement robust backup and recovery techniques in PostgreSQL 10 Explore concise and clear guidance on replication and high availability Discover advanced technical tips for experienced users Who this book is for This book is for database administrators, data architects, developers, or anyone with an interest in planning for, or running, live production databases using PostgreSQL. It is most suited to those looking for hands-on solutions to any problem associated with PostgreSQL administration.

This book constitutes the refereed proceedings of the ACM/IFIP/USENIX 14th International Middleware Conference, held in Beijing, China, in December 2013. The 24 revised full papers presented were carefully reviewed and selected from 189 submissions. The papers cover a wide range of topics including design, implementation, deployment and evaluation of middleware for next-generation platforms such as cloud computing, social networks and large-scale storage and distributed systems. The middleware solutions introduced provide features such as availability, efficiency, scalability, fault-tolerance, trustworthy operation and support security and privacy needs.

ACM/IFIP/USENIX 14th International Middleware Conference, Beijing, China, December 9-13, 2013, Proceedings

Rapidly build, customize, and manage secure and efficient business apps using Odoo's latest features, 4th Edition

Excel data-analyse voor Dummies

PostgreSQL 11 Server Side Programming Quick Start Guide

PostgreSQL 11 Administration Cookbook

Oracle Regular Expressions Pocket Reference

Odoo 12 Development Cookbook is a complete resource which provides you with various development scenarios to build complex business applications with the

Odoo framework. This book will help you with implementing the new features released with the latest version in your enterprise projects.

Over 80 recipes to get up and running with CentOS 7 Linux server About This Book A practical guide to install, configure, administer and maintain CentOS 7 servers An in-depth guide to the CentOS 7 operating system, exploring its various new features and changes in server administration Presents tricks and solutions to tackle common server issues with the help of practical examples and real-life scenarios Who This Book Is For This book is targeted at beginner and more experienced system administrators alike who want to use CentOS as their server solution. Readers do not need much pre-knowledge or experience at all to work with this book. What You Will Learn Install and configure CentOS 7 Linux server system from scratch using normal and advanced methods Maintain a performance-based and secure server solution by deploying expert configuration advice and managing software packages Monitor, manage and develop your server's file system to maintain a stable performance Gain best practice methods on sharing files and resources through a network Install and configure common standard services such as web, mail, FTP, database and domain name server technologies Introduce you to the world of operating-system-level virtualization using the Docker platform. Understand the fundamentals of the Security-Enhanced Linux access control architecture Monitor your IT infrastructure using Nagios In Detail This book will provide you with a comprehensive series of starting points that will give you direct access to the inner workings of the latest CentOS version 7 and help you trim the learning curve to master your server. You will begin with the installation and basic configuration of CentOS 7, followed by learning how to manage your system, services and software packages. You will then gain an understanding of how to administer the file system, secure access to your server and configure various resource sharing services such as file, printer and DHCP servers across your network. Further on, we cover advanced topics such as FTP services, building your own DNS server, running database servers, and providing mail and web services. Finally, you will get a deep understanding of SELinux and you will learn how to work with Docker operating-system virtualization and how to monitor your IT infrastructure with Nagios. By the end of this book, you will have a fair understanding of all the aspects of configuring, implementing and administering CentOS 7 Linux server and how to put it in control. Style and approach This book is a practical reference guide with hands-on examples and solutions to real-world administration problems. It covers in-depth and comprehensive information on CentOS 7 and its new features.

Mastering material for dealing with DBA certification exams Key Features Prepare yourself for the IBM C2090-600 certification exam Cover over 50 Db2 procedures including database design, performance, and security Work through over 150 Q&As to gain confidence on each topic Book Description IBM Db2 is a relational database management system (RDBMS) that helps you store, analyze, and retrieve data efficiently. This comprehensive book is designed to help you master all aspects of IBM Db2 database administration and prepare you to take and pass IBM's Certification Exams C2090-600. Building on years of extensive experience, the authors take you through all areas covered by the test. The book delves deep into each certification topic: Db2 server management, physical design, business rules implementation, activity monitoring, utilities, high availability, and security. IBM Db2 11.1 Certification Guide provides you with more than 150 practice questions and answers, simulating real certification examination questions. Each

chapter includes an extensive set of practice questions along with carefully explained answers. This book will not just prepare you for the C2090-600 exam but also help you troubleshoot day-to-day database administration challenges. What you will learn Configure and manage Db2 servers, instances, and databases Implement Db2 BLU Acceleration and a DB2 pureScale environment Create, manage, and alter Db2 database objects Use the partitioning capabilities available within Db2 Enforce constraint checking with the SET INTEGRITY command Utilize the Db2 problem determination (db2pd) and dsmtop tools Configure and manage HADR Understand how to encrypt data in transit and at rest Who this book is for The IBM Db2 11.1 Certification Guide is an excellent choice for database administrators, architects, and application developers who are keen to obtain certification in Db2. Basic understanding of Db2 is expected in order to get the most out of this guide.

Leverage the power of Redis 4.x to develop, optimize and administer your Redis solutions with ease Key Features Build, deploy and administer high performance and scalable applications in Redis Covers a range of important tasks - including development and administration of Redis A practical guide that takes your understanding of Redis to the next level Book Description Redis is considered the world's most popular key-value store database. Its versatility and the wide variety of use cases it enables have made it a popular choice of database for many enterprises. Based on the latest version of Redis, this book provides both step-by-step recipes and relevant the background information required to utilize its features to the fullest. It covers everything from a basic understanding of Redis data types to advanced aspects of Redis high availability, clustering, administration, and troubleshooting. This book will be your great companion to master all aspects of Redis. The book starts off by installing and configuring Redis for you to get started with ease. Moving on, all the data types and features of Redis are introduced in detail. Next, you will learn how to develop applications with Redis in Java, Python, and the Spring Boot web framework. You will also learn replication tasks, which will help you to troubleshoot replication issues. Furthermore, you will learn the steps that need to be undertaken to ensure high availability on your cluster and during production deployment. Toward the end of the book, you will learn the topmost tasks that will help you to troubleshoot your ecosystem efficiently, along with extending Redis by using different modules. What you will learn Install and configure your Redis instance Explore various data types and commands in Redis Build client-side applications as well as a Big Data framework with Redis Manage data replication and persistence in Redis Implement high availability and data sharding in Redis Extend Redis with Redis Module Benchmark, debug, fine-tune and troubleshoot various issues in Redis Who this book is for This book is for database administrators, developers and architects who want to tackle the common and not so common problems associated with the different development and administration-related tasks in Redis. A fundamental understanding of Redis is expected to get the best out of this book.

Odoo 12 Development Cookbook

Efficient adaptive query processing on large database systems available in the cloud environment

190+ unique recipes to build effective enterprise and business applications, 3rd Edition

Odoo 10 Implementation Cookbook

PostgreSQL 9 Administration Cookbook Lite: Configuration, Monitoring and Maintenance
Over 175 recipes for database administrators to manage enterprise databases
Over 90 recipes to help you administer your PostgreSQL database more efficientlyAbout This Book* Get to grips with the capabilities of PostgreSQL 9.6 to administer your database more efficiently,* Monitor, replicate and make your database highly secure and available,* A step-by-step, recipe-based guide to help you tackle any problem in PostgreSQL administration with easeWho This Book Is ForIf you are an administrator who wants to leverage the useful PostgreSQL functionalities to create and manage databases efficiently, this is the book for you. This book assumes a basic working knowledge of PostgreSQL, and some previous experience in PostgreSQL administration is required.What you will learn* Implement PostgreSQL features for reliability and performance* Harness the power of the latest PostgreSQL 9.5 & 9.6 features* Manage PostgreSQL versions 9.5 & 9.6* Advanced technical tips for experienced users* Explore best practices for planning and designing live databases* Select and implement robust backup and recovery techniques* Concise and clear guidance on replication and high availability* Latest details on Logical Replication and Bi-Directional ReplicationIn DetailPostgreSQL is an open-source database management tool used for handling large data sets (big data) and also as a JSON document database.Starting with short and simple recipes to get you back up and running with an exploration of the ins and outs of your database, you will soon dive into core features such as configuration, server control, tables, and data. You will tackle a variety of problems a database administrator usually encounters - spanning from creating tables to managing views, from improving performance to securing your database, and from using monitoring tools to using storage engines. Recipes based on important topics like high availability, concurrency, replication, backup and recovery, as well as diagnostics and troubleshooting are also given special importance. By the end of this book, you will have all the knowledge you need to run, manage and maintain your PostgreSQL efficiently.DBAs of all levels will be catered for with recipes of varying difficulty, allowing the reader to administer PostgreSQL efficiently. Tagline: Over XXX recipes to help you administer your PostgreSQL database more efficiently
Comprehensive tasks covering Odoo 10 in the right way About This Book Reduce implementation costs and improve major benchmarks relating to storage space and speed. Implement the approval hierarchy and user and access rights, configure the company and

language, and so on. Cover all platforms such as mobile, web, content management, and e-commerce. Who This Book Is For This book is targeted towards Odoo functional users and project managers who would like to use it for their organization. No expertise in Odoo is required. What You Will Learn Learn the modern way of doing sales and managing sales contracts. Create and configure your products and manage your sales quotations Set up an online shop and start selling online with Odoo eCommerce Manage multi-currency transactions and create a deferred revenue plan and link it with products Administer vendors and products and request quotations, confirm orders, and get them delivered Manage quality control in the warehouse and manual and real-time inventory stock valuations. Manage projects and project forecasting via grid and Gantt views Implement Human Resource apps and manage the employee appraisal process Manage Workcenters and the product lifecycle Track worker activity with tablets and launch new changes in production In Detail Odoo is a Python-based ERP system and is completely open source. Odoo is a comprehensive suite of business applications offering a wealth of functionalities that can be deployed to meet your business needs. This book will help you manage the different functionalities of your business and optimize it. You will learn in detail about the various facets of the business process such as sales, accounting, purchases, manufacturing, and inventory. We will cover each of these topics in detail and learn how Odoo handles all these tasks with much ease. With its modular approach, you will be able to build customized solutions, take advantage of the Odoo 10 system in your organization, and master basic administration. We will cover modules and applications in Odoo that will help optimize quality checks. You will also be able to customize major reporting functions for your teams and set up forms and documents for sales, purchase, inventory, and so on. By the end of the book, you will be able to use the major functionalities of Odoo 10 and fully implement them into your business. Style and approach The book follows a recipe-based format; the recipes are filled with real-world use cases and various functional topics.

Odoo 14 Development Cookbook is a complete resource that provides various development scenarios to help you build complex business applications with the Odoo framework. Whether you want to customize existing modules, create new ones, or customize the website or backend web-client (JS), this book covers every aspect of Odoo development.

Through example-driven recipes, with plenty of code, focused on the most vital features of the latest PostgreSQL version (9.4), both

administrators and developers will follow short, specific guides to understand and leverage useful Postgre functionalities to create better and more efficient databases.
A beginner's guide to building high-performance PostgreSQL database solutions, 3rd Edition
Web Development with Django Cookbook
Explore the capabilities of Odoo and discover all you need to implement it