



Oracle Database 11gR2 Performance Tuning Cookbook

Over 80 recipes to help beginners achieve better performance
from Oracle Database applications

Ciro Fiorillo

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Oracle Database 11gr2 Performance Tuning Cookbook

Saurabh K. Gupta



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Oracle Database 11gR2 Performance Tuning Cookbook Ciro Fiorillo, 2012-01-01 In this book you will find both examples and theoretical concepts covered Every recipe is based on a script procedure explained step by step with screenshots while theoretical concepts are explained in the context of the recipe to explain why a solution performs better than another This book is aimed at software developers software and data architects and DBAs who are using or are planning to use the Oracle Database who have some experience and want to solve performance problems faster and in a rigorous way If you are an architect who wants to design better applications a DBA who is keen to dig into the causes of performance issues or a developer who wants to learn why and where the application is running slow this is the book for you Basic knowledge of SQL language is required and general knowledge of the Oracle Database architecture is preferable

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as anonymous block subprograms and exceptions and prepares you for the upcoming advanced concepts The next chapter introduces you to the new features of Oracle Database 12c not limited to PL SQL In this chapter you will understand some of the most talked about features such as Multitenant and Database In Memory Moving forward each chapter introduces advanced concepts with the help of demonstrations and provides you with the latest update from Oracle Database 12c context This helps you to visualize the pre and post applications of a feature over the database releases By the end of this book you will have become an expert in PL SQL programming and will be able to implement advanced concepts of PL SQL for efficient management of Oracle Database Style and approach The book follows the structure of the Oracle Certification examination but doesn't restrict itself to the exam objectives Advanced concepts have been explained in an easy to understand style supported with feature demonstrations and case illustrations

Oracle Database 11g Performance Tuning Recipes Sam Alapati, Darl Kuhn, Bill Padfield, 2011-10-17 Performance problems are rarely problems per se They are more often crises during which you're pressured for results by a manager standing outside your cubicle while your phone rings with queries from the help desk You won't have the time for a leisurely perusal of the manuals nor to lean back and read a book on theory What you need in that situation is a book of solutions and solutions are precisely what Oracle Database 11g Performance Tuning Recipes delivers Oracle Database 11g Performance Tuning Recipes is a ready reference for database administrators in need of immediate help with performance issues relating to Oracle Database The book takes an example based approach wherein each chapter covers a specific problem domain Within each chapter are recipes showing by example how to perform common tasks in that chapter's domain Solutions in the recipes are backed by clear explanations of background and theory from the author team Whatever the task if it's performance related you'll probably find a recipe and a solution in this book Provides proven solutions to real life Oracle performance problems Offers relevant background and theory to support each solution Written by a team of experienced database administrators successful in their careers

Oracle APEX Cookbook Marcel Van Der Plas, Michel Van Zoest, 2013-10-25 As a Cookbook this book enables you to create APEX web applications and to implement features with immediately usable recipes that unleash the powerful functionality of Oracle APEX 4.2 Each recipe is presented as a separate standalone entity and the reading of other prior recipes is not required It can be seen as a reference and a practical guide to APEX development This book is aimed both at developers new to the APEX environment and at intermediate developers More advanced developers will also gain from the information at hand If you are new to APEX you will find recipes to start development and if you are an experienced user you will find ways to improve your productivity and efficiency and make the most of APEX to enhance your applications A little knowledge of PL SQL HTML and JavaScript is assumed

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Oracle GoldenGate 12c Implementer's Guide John P Jeffries, 2015-07-27 GoldenGate exchanges data among systems in a timely manner and meets the demand for real time access to information regardless of volume The new release 12c includes an optimized database intelligent and integrated delivery capabilities expanded heterogeneity and tighter security Perform zero downtime data migration to on premise or public cloud with GoldenGate s feature rich portfolio Start with the

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and approach This practical book will go from the very basics of shell scripting to complex customized automation The idea behind this book is to be as practical as possible and give you the look and feel of what real world scripting is like

Datenbanken und SQL Edwin Schicker, 2025-07-29 Dieses Buch vermittelt fundierte Grundkenntnisse sowohl in Datenbanken als auch in SQL Eine Zusammenfassung und zahlreiche Übungsaufgaben in jedem Kapitel dienen der Vertiefung des Stoffes und verbessern den Lernerfolg deutlich Die Schwerpunkte des Buches sind relationale Datenbanken Entwurf von Datenbanken die Programmiersprache SQL und der Zugriff auf Datenbanken mittels der Sprache PHP Aber auch Themen wie Recovery Concurrency Sicherheit und Integrität werden ausführlich besprochen Ein Kapitel zu verteilten Datenbanken NoSQL und objektrelationalen Datenbanken führt in die jeweilige Thematik ein Ein eigenes Kapitel über Performance gibt wertvolle Anregungen und Tipps zum Betrieb von leistungsfähigen Datenbanken Der Autor legt sehr viel Wert auf die praktische Anwendung Mit Hilfe einer Beispieldatenbank kann das Gelernte sofort geübt werden Diese Datenbank aller vorgestellten Programme und die Lösungen zu allen Übungen werden im Internet zum Download bereitgestellt

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book takes an example based approach wherein each chapter covers a specific problem domain Within each chapter are recipes showing by example how to perform common tasks in that chapter s domain Solutions in the recipes are backed by clear explanations of background and theory from the author team Whatever the task if it s performance related you ll probably find a recipe and a solution in this book Provides proven solutions to real life Oracle performance problems Offers relevant background and theory to support each solution Gets straight to the point for when you re under pressure for results What you ll learn Optimize the use of memory and storage Monitor performance and troubleshoot problems Identify and improve poorly performing SQL statements Adjust the most important optimizer parameters to your advantage Create indexes that get used and make a positive impact upon performance Automate and stabilize using key features such as SQL Tuning Advisor and SQL Plan Baselines Who this book is for Oracle Database 12c Performance Tuning Recipes is aimed squarely at Oracle Database administrators The book especially appeals to those administrators desiring to have at their side a ready to go set of solutions to common database performance problems Table of Contents Optimizing Table Performance Choosing and Optimizing Indexes Optimizing Instance Memory Monitoring System Performance Minimizing System Contention Analyzing Operating System Performance Troubleshooting the Database Creating Efficient SQL Manually Tuning SQL Tracing SQL Execution Automated SQL Tuning Execution Plan Optimization and Consistency Configuring the Optimizer Implementing Query Hints Executing SQL in Parallel *The Oracle 11G Performance Tuning* Rajeev A. Parida,2015 This book is an aid for people responsible for the operation maintenance and performance of Oracle databases It describes detailed ways to enhance Oracle performance by writing and tuning SQL properly using performance tools and optimizing instance performance It also explains how to create an initial database for good performance and includes performance related reference information Oracle Performance Tuning Mark Gurry,Peter Corrigan,1996-11 A complete revision of the original title this second edition adds new material on Oracle 7 3 and many Oracle 8 features It explores new Oracle capabilities like parallel server parallel query and distributed database It contains more detail on constraints and triggers many more examples and information on new tuning tools like the Oracle Performance Pack Oracle Trace and Oracle Expert

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