
Oracle Tuning The Definitive Reference Second Edition

Oracle Performance Tuning Expert 100 Powerful Tips by Christopher Lawson
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20 Essential Oracle SQL and PL/SQL Tuning Tips Real-Life SQL Tuning: From Four Minutes to Eight Seconds in an Hour
Master the art of Oracle AWR Report analysis and optimize the database like never before!
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Oracle Tuning

*Oracle Tuning The
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Second Edition*

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by*

THOMAS DOWNS

Oracle Job Interview Handbook

Rampant Techpress

This is the definitive guide to all Oracle utilities, and it is targeted at experienced Oracle professionals who need to perform powerful system-wide operating system internal operations on their Oracle databases. The authors approach Oracle Utilities from a functional perspective, adding value by explaining the "why" and "how" for the use of all Oracle Utilities. This comprehensive book includes details on all of the Oracle utilities, including experts-only sections on undocumented utilities, plus the Linux/UNIX utilities, Oracle command-line utilities, and the all-important DBA package utilities. This indispensable book covers all areas of Oracle database administration and includes secrets for database migration (with Data Pump and SQL*Loader) and detailed tips for using The Oracle OS utilities (e.g. BBED, dbv, orastack, orakill). The book also covers Oracle tuning utilities, including ADDM and the SQL tuning advisors as well as the traditional command-line tuning utilities such as dbms_alert and dbms_xplan, tkprof and dbms_debug. This book is special because noted Oracle experts supplement the operational considerations of Oracle utilities with expert insights and working

scripts. The time savings from a single utility script is easily worth the price of this definitive book. This book is not for beginners. These are powerful utilities to be used only by experienced DBAs and developers who need to perform powerful system-wide operating system internal operations on their Oracle databases.

Oracle Job Scheduling McGraw-Hill Education

Targeted at Oracle professionals who need fast and accurate working examples of complex issues, Oracle In-focus books target specific areas of Oracle technology in a concise manner. Plenty of working code is provided without a lot of theory, allowing database managers to solve their problems quickly without reviewing data that they already know. All code scripts are available for instant download from a companion web site.

Oracle Privacy Security Auditing

Rampant TechPress

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 12c Performance Tuning Recipes delivers. Oracle

Database 12c 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 Gets straight to the point for when you're under pressure for results

Secrets of the Oracle Database Apress
The product of interviews with hundreds of Oracle professionals, this thorough guidebook provides useful insight into what characteristics make a good database administrator, offering helpful techniques to use while interviewing candidates for an Oracle DBA position. By using Oracle job interview questions that only an experienced person would be familiar with, employers can employ this incredible collection to ensure that their interviewer asks the right questions and hires the best-qualified DBA or developer available. A full set of Oracle job interview questions and a complete method for accurately assessing the technical abilities of Oracle job candidates are provided.

Oracle PL/SQL Programming "O'Reilly Media, Inc."

Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's

SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, *Learning SQL, Second Edition*, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints, using SQL schema statements Learn how data sets interact with queries, and understand the importance of subqueries Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements Knowledge of SQL is a must for interacting with data. With *Learning SQL*, you'll quickly learn how to put the power and flexibility of this language to work.

Oracle SQL*Loader Oracle Tuning: The Definitive Reference

Canada was young during the First World War, and with as many as 20,000 underage soldiers leaving their homes to join the war effort, the country's army was, too. Jim, at 17, was one of them, and he penned countless letters home. But these weren't the writings of an ordinary boy. They were the letters of a lad who left a small farming community for the city on July 15, 1915, a boy who volunteered to serve with the 79th Queen's Own Cameron Highlanders. Jim's letters home gloss over the horrors of war, focusing instead on issues of the home front: of harvesting, training the

horses, and the price of hogs. Rarely do these letters, especially those to his mother and father, mention the mud and rats, the lice and stench of the trenches, or the night duty of cutting barbed wire in no man's land. For 95 years his letters remained in a shoebox decorated by his mother. Jim was just 18 when he was wounded and died during the Battle of the Somme. *Hold the Oxo!* tells the story that lies between the lines of his letters, filling in the historical context and helping us to understand what it was like to be Jim.

Oracle Design: The Definitive Guide
O'Reilly Media

This book focuses exclusively on Oracle database design. It covers the most up-to-date Oracle issues and technologies, including massively parallel processors, very large databases, data warehouses, client-server, and distributed database. The design advice is detailed and thorough. The book delves deeply into design issues and gives advice that will have a major impact on your database and system performance.

ADVANCED ORACLE SQL TUNING

McGraw Hill Professional

The authors have revised and updated this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products.

Mastering Oracle SQL Prentice Hall
Successfully meeting the challenges of combining VMware and Oracle, this comprehensive reference provides a broad spectrum of technological recommendations that demonstrate how to reliably and consistently achieve optimal configuration and maximum performance for any virtualized Oracle database scenario. The guide includes the best practices for virtualized servers, suggested virtualization server

configuration, and recommendations for client operating system configuration for Oracle in a virtualized world. With real-world examples and highly applicable advice, this handbook also details the complexities of designing, configuring, maintaining, and tuning Oracle database deployments, making it a complete compendium for keeping virtualized Oracle databases in top form.

*Oracle SQL*Plus Rampant* Techpress
Provides information on ways to achieve high performance from PL/SQL.

Oracle Performance Troubleshooting
Rampant Techpress

Targeted at Oracle professionals who need fast and accurate working examples of complex issues, Oracle In-focus books target specific areas of Oracle technology in a concise manner. Plenty of working code is provided without a lot of theory, allowing database managers to solve their problems quickly without reviewing data that they already know. All code scripts are available for instant download from a companion web site.

Oracle SQL High-performance Tuning Rampant TechPress

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Get complete coverage of STATSPACK—Oracle's powerful tuning tool--inside this official guide Including ready-to-use STATSPACK scripts you'll be able to collect and analyze system data and soon have your Oracle database running at peak performance.

Learning SQL Rampant Techpress

It's impossible to tune an Oracle database without understanding SQL tuning. Oracle is a SQL processing engine and the execution speed of any

SQL query is influenced by many factors, both internal and external. As a declarative data access method, SQL relies on the Oracle cost-based optimizer to always choose the "best" execution plan for every SQL query. However, Oracle's SQL is among the most flexible and robust in the world, and along with this great power comes complexity. Tuning Oracle SQL is the single most important skill of any Oracle professional, and Oracle professionals are challenged to create SQL statements that will support thousands of concurrent executions with sub-second response time. "Advanced Oracle SQL Tuning" is a pragmatic treatment of Oracle SQL tuning, short on theory and big on real-world techniques and tips. This book is the culmination of the author's 25 years of full-time DBA experience and he shares expert tips and secrets for hypercharging SQL execution speed. This book covers advanced topics and it is not appropriate for beginners, dilettantes or neophytes.

ORACLE DATABASE 11g THE COMPLETE REFERENCE

McGraw Hill Professional
Written by a Senior Database Administrator who has worked with the Oracle RDBMS for thirty years, this is a book which teaches the skill of SQL Tuning for the Oracle Database. Not a list of one-off tricks or tips, nor a glossing over of topics; this book offers an in-depth process covering discovery, analysis, and problem resolution. Learn the science behind SQL Tuning. Learn and apply the FILTERED ROWS PERCENTAGE Cardinality based method of tuning Determine a query's Driving Table and Join Order Construct Query Diagrams, Data Models, and Join Trees Build and use Count / Filter / and

Reconstruction Queries Identify Waste in a Query Execution Plan Zero in on Cardinality Divergence using Estimated vs. Actuals Use the ACCESS / FILTER / COVERAGE strategy to build indexes for Problem Queries Exploit THE 2% RULE in analyzing Access method and Join method Classify queries as Precision Style or Warehouse Style Understand Hash Join mechanics and make Hash Joins go faster Make HINTS work as Detection Tools rather than clubs Avoid early Database Design flaws Manage Statistics and deal with common Statistics problems (NDV, Uniform Distribution, Independence, Dynamic Sampling) (Staleness, Skew, Dependence, Defaulting, Out-Of-Bounds, Transiency, Bloat) Perfect your Question Based Analysis Technique and more Included are: a special chapter for EXADATA, a LAB which demonstrates the cardinality based process of SQL Tuning, and twenty three magical SQL scripts that make the process of SQL Tuning easy to do. Learn the skill of SQL Tuning as taught by an expert who does it for a living, and become the go-to specialist in your company. Chapter 1: DRIVING TABLE and JOIN ORDER Chapter 2: Ways to Use a Query Execution Plan Chapter 3: The Best Indexes for a Query Chapter 4: JOINS Chapter 5: HINTS Chapter 6: BASICS Chapter 7: ROW COUNTS and RUN TIMES Chapter 8: EXADATA LAB: Reverse Engineering the QEP Appendix: Know Your Scripts Scripts for analyzing queries and plans Scripts for examining an active database Scripts for looking at metadata showplan showplanshort showplanconstraints showplancountqueries showplandatamodel showplandrivingtable showplanfilterqueries showplanfrpspreadsheetcode

showplanindexes showplannumrows
 showplanquerydiagram showplantables
 showplantablesunique
 loadplanfromcache loadplanfromhist
 showtopcpu showowner showindexes
 showconstraints showcolstats
 showhistograms showallscanrates
 showallworkareas It's all about the
 Cardinalities

Oracle Tuning Rampant TechPress
 An interactive guide to Oracle's intensive
 query tool, SQL* Plus, discusses its
 powerful features, furnishes a syntax
 quick reference, and explains how to
 write and execute script files, generate
 reports, extract data from the database,
 utilize new administrative features,
 query data dictionary tables, and more.
 Original. (Intermediate)

Advanced Plsql Programming Apress
 Despite the wide use of SQL *Plus, few
 developers and database administrators
 know how powerful it really is. And the
 syntax can sometimes be tricky. This
 portable guide provides a quick
 reference to subjects such as interacting
 with SQL *Plus, selecting data,
 formatting reports, writing scripting, and
 tuning SQL. There's also a command
 reference.

ORACLE SHELL SCRIPTING

Rampant TechPress
 With the expert techniques discussed in
 this book, Oracle database
 administrators can automate routine
 tasks to save time and money and better
 monitor the flow of work. Using shell
 scripts—an indispensable tool on UNIX and
 Linux—any number of commands can be
 combined and executed either
 simultaneously or sequentially. More
 than 50 working shell scripts for both
 beginners and experts give Oracle
 professionals a fantastic head-start on
 automating their administration duties

and are easily modifiable for any
 environment. Topics include the history
 of shells and shell scripting, detailed
 step-by-step instructions on building
 shell scripts, how to tell when things are
 working right, and how to effectively
 monitor the system for failures.

Oracle Database 10g The Complete
 Reference McGraw Hill Professional
 Secrets of the Oracle Database is the
 definitive guide to undocumented and
 partially-documented features of the
 Oracle Database server. Covering useful
 but little-known features from Oracle
 Database 9 through Oracle Database 11,
 this book will improve your efficiency as
 an Oracle database administrator or
 developer. Norbert Debes shines the
 light of day on features that help you
 master more difficult administrative,
 tuning, and troubleshooting tasks than
 you ever thought possible. Finally, in one
 place, you have at your fingertips
 knowledge that previously had to be
 acquired through years of experience
 and word of mouth through knowing the
 right people. What Norbert writes is
 accurate, well-tested, well-illustrated by
 clear examples, and sure to improve
 your ability to make an impact on your
 day-to-day work with Oracle.

Oracle Tuning: The Definitive Reference
 "O'Reilly Media, Inc."

A poorly performing database
 application not only costs users time, but
 also has an impact on other applications
 running on the same computer or the
 same network. SQL Tuning provides an
 essential next step for SQL developers
 and database administrators who want
 to extend their SQL tuning expertise and
 get the most from their database
 applications. There are two basic issues
 to focus on when tuning SQL: how to find
 and interpret the execution plan of an
 SQL statement and how to change SQL

to get a specific alternate execution plan. SQL Tuning provides answers to these questions and addresses a third issue that's even more important: how to find the optimal execution plan for the query to use. Author Dan Tow outlines a timesaving method he's developed for finding the optimum execution plan--rapidly and systematically--regardless of the complexity of the SQL or the database platform being used. You'll learn how to understand and control SQL execution plans and how to diagram SQL queries to deduce the best execution plan for a query. Key chapters in the book include exercises to reinforce the concepts you've learned. SQL Tuning concludes by addressing special concerns and unique solutions to

"unsolvable problems." Whether you are a programmer who develops SQL-based applications or a database administrator or other who troubleshoots poorly tuned applications, SQL Tuning will arm you with a reliable and deterministic method for tuning your SQL queries to gain optimal performance.

*Oracle SQL*Plus* Apress

A high-level handbook on how to develop auditing mechanisms for HIPAA compliant Oracle systems focuses on the security access and auditing requirements of the Health/Insurance Portability and Accountability Act of 1996 and discusses Oracle auditing features such as redo logs, system-level triggers, Oracle9i and the retrieval of sensitive data, and other key topics. Original. (Advanced)

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