

Oracle Tuning Burleson Wordpress

A reference guide for database administrators and application developers who want to quickly create Web pages and interface them with existing databases. Real-world examples for all techniques are included, and the reader can extract and customize working code to use it immediately in his or her own applications. The book guides the developer through all of the implementation steps for a database-interfaced Web page, from initial planning to final rollout, and includes details about World Wide Web architecture, as well as hints for performance and tuning. For computer professionals who need to create Web pages that interface with database engines, and for fast retrieval of information from the Internet, this text provides the necessary techniques. Platform: Windows 95, NT, UNIX.

Proven PL/SQL Optimization Solutions In Oracle PL/SQL Performance Tuning Tips & Techniques, Oracle ACE authors with decades of experience building complex production systems for government, industry, and educational organizations present a hands-on approach to enabling optimal results from PL/SQL. The book begins by describing the discovery process required to pinpoint performance problems and then provides measurable and repeatable test cases. In-depth coverage of linking SQL and PL/SQL is followed by deep dives into essential Oracle Database performance tuning tools. Real-world examples and best practices are included throughout this Oracle Press guide. Follow a request-driven nine-step process to identify and address performance problems in web applications Use performance-related database tools, including data dictionary views, logging, tracing, PL/SQL Hierarchical Profiler, PL/Scope, and RUNSTATS Instrument code to pinpoint performance issues using call stack APIs, error stack APIs, and timing markers Embed PL/SQL in SQL and manage user-defined functions Embed SQL in PL/SQL using a set-based approach to handle large volumes of data Properly write and deploy data manipulation language triggers to avoid performance problems Work with advanced datatypes, including LOBs and XML Use caching techniques to avoid redundant operations Effectively use dynamic SQL to reduce the amount of code needed and streamline system management Manage version control and ensure that performance fixes are successfully deployed Code examples in the book are available for download.

This book explains how to use this versatile tool to capture, analyze, and report on your database as well as how to monitor, tune, and optimize system performance. Get complete coverage of STATSPACK with this official guide -- includes ready-to-use STATSPACK scripts to collect and analyze system data and achieve peak performance.

Jonathan Lewis is one of the world's foremost authorities in this field (he is frequently quoted and reference by other leading experts, such as Tom Kyte – see for example http://asktom.oracle.com/pls/ask/download_file?p_file=3067171813508366601 Book will be strongly co-promoted with Tom Kyte's Expert Oracle Database Architecture (1-59059-530-0) Highlights traps for those migrating from Oracle 8i to 9i to 10g, potentially averting often disastrous performance issues and downtime (=lost revenue) The first comprehensive book written to investigate, describe, and demonstrate the methods used by the Cost Based Optimizer Jonathan is one of very few Oracle authors to maintain online enhancements, errata and addenda pages, so the reader will be supported long after the book is published
Oracle9i High-Performance Tuning with STATSPACK

Oracle Utilities

Oracle Rac Performance Tuning

Expert One-on-One Oracle

Oracle 10g Reference for Advanced Tuning & Administration

Easy Oracle SQL

A valuable manual for database professionals looking to adopt open-source database technology demonstrates real-world techniques for migrating legacy applications to EnterpriseDB, furnishing working code, expert tips and tricks, and an overview of various EnterpriseDB applications, covering such areas as cross-platform integration, performance and tuning, programming, and Superset Procedural Language. Original (Intermediate/Advanced)

Data is at the center of many challenges in system design today. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and message brokers. What are the right choices for your application? How do you make sense of all these buzzwords? In this practical and comprehensive guide, author Martin Kleppmann helps you navigate this diverse landscape by examining the pros and cons of various technologies for processing and storing data. Software keeps changing, but the fundamental principles remain the same. With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. Peer under the hood of the systems you already use, and learn how to use and operate them more effectively Make informed decisions by identifying the strengths and weaknesses of different tools Navigate the trade-offs around consistency, scalability, fault tolerance, and complexity Understand the distributed systems research upon which modern databases are built Peek behind the scenes of major online services, and learn from their architectures

Explores how to monitor the behavior of the Oracle System Global Area and includes techniques to develop scripts, correct SGA performance problems, and collect historical data to use in memory areas.

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.

Creating Robust Task Management With Dbms_job And Oracle 10g Dbms_scheduler

Real-world Oracle Performance Secrets

Advanced Oracle SQL Tuning

Thirteen Moons

Designing Data-Intensive Applications

Generating Optimal Execution Plans

Using Hidden Programs, Import/Export, SQL*Loader, Oradebug, Dbverify, Tkprof and More

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 Tuning: The Definitive Reference Rampant Techpress

A guide to the new features of Oracle Database 11g covers such topics as architectural changes, database administration upgrades, security enhancements, and programming innovations.

Provides examples and step-by-step instructions on creating HTML-DB applications.

Automating Oracle9i Dynamic Sga Performance

Practical Methods for Oracle & SQL Server

The Definitive Reference

Cost-Based Oracle Fundamentals

Linux and UNIX Programming for Oracle

Oracle Databases on the Web

The Big Ideas Behind Reliable, Scalable, and Maintainable Systems

Oracle has become the world's most flexible and robust database and along with great power comes great complexity. This complexity requires that the DBA have expert knowledge of Oracle internals. This book provides a thorough step-by-step approach for holistic Oracle tuning in this challenging information technology era. It represents the knowledge accumulated from tuning thousands of Oracle databases. Oracle tuning has always been a complex task; however, it has become

even more complex as Oracle evolves and yields new techniques for achieving optimal performance in the stressed production environment of today's high-tech world. Oracle STATSPACK and AWR has introduced a revolution in database tuning. By understanding these time-series tables, we can develop time-series tuning models to predict upcoming outages and dynamically change the instance to accommodate the impending resource changes. Database tuning efforts must become as sophisticated as the databases themselves. This book strives to show you how to leverage upon the wealth of Oracle performance information so that you can create a robust Oracle database engine, one that maximizes computing resources while minimizing overhead. If you are seeking theory, this is not the book for you. This book encapsulates the combined knowledge of over a century of hands-on DBA tuning experience, a pragmatic, practical approach for the professional Oracle DBA. This is not a book for beginners. Targeted at the senior Oracle DBA, this comprehensive book gives you all of the knowledge you need to be successful in tuning even the most complex Oracle database. The code download for this book is packed with ready-to-run scripts to monitor and identify even the most challenging performance issues. A complete guide to Oracle DBA management scripts encompasses all areas of Oracle database administration, including data files, table and index management, automating Oracle database administration tasks, initialization parameters, Oracle internals scripting, and other essential topics. Original. (Advanced)

Oracle 10g has become the most complex database ever created and Oracle tuning has become increasingly complex. This book provides a complete step-by-step approach for holistic Oracle tuning and it is the accumulated knowledge from tuning thousands of Oracle databases. Incorporating the principles of artificial intelligence, Oracle10g has developed a sophisticated mechanism for capturing and tracking database performance over time periods. This new complexity has introduced dozens of new v\$ and DBA views, plus dozens of Automatic Workload Repository (AWR) tables. The AWR and its interaction with the Automatic Database Diagnostic Monitor (ADDM) is a revolution in database tuning. By understanding the internal workings of the AWR tables, the senior DBA can develop time-series tuning models to predict upcoming outages and dynamically change the instance to accommodate the impending resource changes. This is not a book for beginners. Targeted at the senior Oracle DBA, this book dives deep into the internals of the v\$ views, the AWR table structures and the new DBA history views. Packed with ready-to-run scripts, you can quickly monitor and identify the most challenging performance issues. Offering accumulated observations of interviews with hundreds of job candidates, these books provide useful insights into which characteristics make a good IT professional. These handy guides each have a complete set of job interview questions and provide a practical method for accurately assessing the technical abilities of job candidates. The personality characteristics of successful IT professionals are listed and tips for identifying candidates with the right demeanor are included. Methods for evaluating academic and work

histories are described as well.

Get Started Fast with Oracle 11g Enhancements

Oracle Database 10g New Features

Artificial Intelligence and Games

Oracle Privacy Security Auditing

Advanced Oracle SQL Programming

*Get Started Fast Writing SQL Reports with SQL*Plus*

Oracle SQL Performance Tuning and Optimization

Furnishes practical, effective advice for developers and administrators using the SAP business system and the Oracle database system (version Oracle8 or Oracle7) together, covering the SAPDBA and SAPGUI utilities and offering information on data file placement, initialization parameters, backup, recovery, parallel processing, and more. Original. (Intermediate)

Provides information on how to quickly troubleshoot Oracle performance problems, covering such topics as designing databases, storage and reorganization, memory usage, and SQL.

Provides information on extracting Oracle data to create and format reports.

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.

Conducting the Programmer Job Interview

EnterpriseDB

Includes Federal Law Compliance with HIPAA, Sarbanes Oxley and the Gramm Leach Bliley Act GLB

It's All about the Cardinalities

SQL Tuning

Oracle Tuning

Oracle Tuning: The Definitive Reference

Provides a set of interview questions and answers to access the technical knowledge and characteristics of Oracle IT job applicants.

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. From the official Oracle Press comes a comprehensive guide to tuning SQL statements for optimal execution This expert resource explains how to view the internal execution plan of any SQL statement and change it to improve the performance of the statement. You'll get details on Oracle's optimizer modes, SQL extensions, the STATSPACK utility, and a wealth of methods for tuning Oracle SQL statements.

An overview of the new version of Oracle includes a review of the database management and administration enhancements of Oracle 10G, as well as changes to security, Internet features, architecture, real application clusters, and performance.

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 hyper charging SQL execution speed. This book covers advanced topics and it is not appropriate for beginners, dilettantes or neophytes.

Oracle Performance Troubleshooting

Mike Ault's Oracle Internals Monitoring and Tuning Scripts

Conducting the Oracle Job Interview

Creating a Self-Tuning Oracle Database

IT Manager Guide for Oracle Job Interviews with Oracle Interview Questions

Oracle Tuning Power Scripts

With 100+ High Performance SQL Scripts

This magnificent novel by one of America's finest writers is the epic of one man's remarkable journey, set in nineteenth-century America against the background of a vanishing people and a rich way of life. At the age of twelve, under the Wind moon, Will is given a horse, a key, and a map, and sent alone into the Indian Nation to run a trading post as a bound boy. It is during this time that he grows into a man, learning, as he does, of the raw power it takes to create a life, to find a home. In a card game with a white Indian named Featherstone, Will wins - for a brief moment - a mysterious girl named Claire, and his passion and desire for her spans this novel. As Will's destiny intertwines with the fate of the Cherokee Indians - including a Cherokee Chief named Bear - he learns how to fight and survive in the face of both nature and men, and eventually, under the Corn Tassel Moon, Will begins the fight against Washington City to preserve the Cherokee's homeland and culture. And he

will come to know the truth behind his belief that “only desire trumps time.”

Brilliantly imagined, written with great power and beauty by a master of American fiction, *Thirteen Moons* is a stunning novel about a man’s passion for a woman, and how loss, longing and love can shape a man’s destiny over the many moons of a life.

* A proven best-seller by the most recognized Oracle expert in the world. * The best Oracle book ever written. It defines what Oracle really is, and why it is so powerful.

* Inspired by the thousands of questions Tom has answered on his

<http://asktom.oracle.com> site. It tackles the problems that developers and DBAs struggle with every day. * Provides everything you need to know to program correctly with the database and exploit its feature-set effectively.

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)

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.

With Dictionary Internals SQL & Tuning Scripts

Oracle Shell Scripting

The Expert Guide to Writing Complex Queries

Oracle Silver Bullets

Easy HTML-DB Oracle Application Express

Oracle SAP Administration

Oracle High-Performance SQL Tuning

This is the first textbook dedicated to explaining how artificial intelligence (AI) techniques can be used in and for games. After introductory chapters that explain the background and key techniques in AI and games, the authors explain how to use AI to play games, to generate content for games and to model players. The book will be suitable for undergraduate and graduate courses in games, artificial intelligence, design, human-computer interaction, and computational intelligence, and also for self-study by industrial game developers and practitioners. The authors have developed a website (<http://www.gameaibook.org>) that complements the material covered in the book with up-to-date exercises, lecture slides and reading.

Provides information on advanced Oracle SQL techniques for creating complex queries and extracting and summarizing data from large tables.

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.

Explains what utilities are provided with the Oracle database and how to use them.

Database Benchmarking

Oracle Solid State Disk Tuning

Oracle Job Scheduling

Oracle 11g New Features

Mastering Oracle SQL

Advanced Oracle Utilities: The Definitive Reference

High Performance with Wait Event Interface Analysis

Explores Oracle's implementation of SQL and explains how to perform tasks including querying time-based data, implementing conditional logic in queries, writing queries, and joining data from two or more tables.

This book is the first of its kind, a book dedicated to tuning the Oracle high availability RAC architecture. Oracle RAC databases are flexible and robust, and along with this flexibility comes complexity, making RAC tuning one of the most challenging areas of Oracle tuning. Packed with incisive insights and examples from one of America's leading RAC experts, guru Brian Peasland delivers an indispensable book for all RAC administrators who need to guarantee that their RAC systems run at optimal performance. It's not enough for the DBA to maintain and control RAC database, the RAC DBA must also have an arsenal of tools and scripts that will help them ensure that their RAC database run at optimal levels. This book will be valuable to all Oracle professionals who must tune their Oracle RAC systems for peak performance. Similar to tuning Oracle database systems in general, Oracle RAC performance tuning covers a wide variety of focus areas. Topics will include Oracle wait events specific to RAC deployments, using Oracle Enterprise Manager Grid Control and AWR in diagnosing RAC problems, and RAC utilities such as OS Watcher and ORAchk (formerly RACcheck). This book will also discuss architecture issues related RAC performance, delving into the cluster interconnect, physical disk layout and Oracle 12c new Flex Clusters. Oracle RAC also allows the workload the spread among several low cost servers (scale-out) rather than a large single server (scale-up), and this book examines these approaches from a tuning perspective. Many companies are working towards private cloud implementations using RAC, and this book is perfect for the DBA's charged with . Oracle 12c RAC raises the bar with its new multi-tenant database implementation. Think of multi-tenant as virtualization at the database level. As more companies start leveraging Oracle 12c RAC for their enterprise database architecture, it is important that the system be designed and tuned properly to ensure the application has a well-performing user experience. This unique book provides a one-stop location for any RAC DBA who must become a RAC performance tuning specialist. Most Oracle RAC books on the market devote only one chapter to performance tuning. The information in this book provides a solid

foundation for one's first RAC deployment, and provide you with the tools and methods needed to keep your complex RAC systems running optimally. While this book is not for beginners, the reader is given sufficient background throughout the chapters so that most Oracle DBAs, even those with little Oracle RAC experience, will be able to understand its contents. Oracle RAC is inherently complex. This explains the concepts before delving into highly technical areas. Many in-depth areas of RAC tuning are explored that help the DBA reveal hidden performance trends within even the most complex RAC database.

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 A guide to database benchmarking covers such topics as predictive

analysis, benchmark components, testing an architecture, and maintaining SLAs.

High Performance Oracle Tuning with RAM Disk

Oracle PL/SQL Performance Tuning Tips & Techniques

Create Dynamic Web Pages with OAE

Advanced Internals and OCP Certification Insights for the Master DBA

The IT Manager Guide with Java, J2EE, C, C++, UNIX, PHP and Oracle

Interview Questions

Oracle 9I High-Performance Tuning With Statspack

Oracle Wait Event Tuning

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.

This handbook provides database administrators with clear and concise processes with which to attack tuning problems using Oracle Wait Interface. A guide is provided to demonstrate the mechanics of the Wait Interface and how to use it not only to tune database performance at the database level but also to give the statistics needed to understand problems that lie outside of the database in the SAN or the network. Techniques that apply to tuning any Oracle database from version 7 through 9i and beyond are included.

Provides information on using solid state RAM disk to optimize the performance of Oracle.

Oracle SQL High-performance Tuning