Free Oracle Wait Interface A Practical Guide To Performance Diagnostics Tuning

The Art and Science of Oracle Performance TuningOracle8 Data WarehousingHigh Performance Oracle Data WarehousingRogue OracleExpert Oracle ExadataExpert Oracle Database ArchitectureOracle Tuning Power ScriptsOracle InternalsSecret Oracle - Unleashing the Full Potential of the Oracle DBMS by Leveraging Undocumented FeaturesThe Oracle StoneOracle TuningOptimizing Oracle PerformanceOracle SQL High-performance TuningOracleScaling Oracle8iOracle Wait Interface: A Practical Guide to Performance Diagnostics & TuningOracle Wait Event TuningHigh-Performance OracleOracle Database 12c Release 2 Performance Tuning Tips & TechniquesOracle High Performance Tuning for 9i and 10gOracle Database 11g Oracle Real Application Clusters Handbook, 2nd EditionOracle Database 11g Performance Tuning RecipesOracle InsightsComputer Systems SeriesOracle Database Performance and ScalabilityOracle Performance Tuning 101Oracle Database 11g Release 2 Performance Tuning Tips & TechniquesOracle Internals: An IntroductionSecrets of the Oracle DatabaseEffective Oracle by DesignEssential Oracle8i Data WarehousingOracle Performance TuningOracle Rac Performance TuningOracle TuningOracle Database Problem Solving and Troubleshooting HandbookExpert Oracle Database 10g AdministrationWorking with Oracle

Version 6.0Oracle Performance FirefightingOracle Core: Essential Internals for DBAs and DevelopersOracle Database 12c Performance Tuning Recipes

The Art and Science of Oracle Performance Tuning

Oracle Core: Essential Internals for DBAs and Developers by Jonathan Lewis provides just the essential information about Oracle Database internals that every database administrator needs for troubleshooting—no more, no less. Oracle Database seems complex on the surface. However, its extensive feature set is really built upon upon a core infrastructure resulting from sound architectural decisions made very early on that have stood the test of time. This core infrastructure manages transactions and the ability to commit and roll back changes, protects the integrity of the database, enables backup and recovery, and allows for scalability to thousands of users all accessing the same data. Most performance, backup, and recovery problems that database administrators face on a daily basis can easily be identified through understanding the essential core of Oracle Database architecture that Lewis describes in this book. Provides proven content from a world-renowned performance and troubleshooting expert Emphasizes the significance of internals knowledge to rapid identification of database performance problems Covers the core essentials and does not waste your time with

esoterica

Oracle8 Data Warehousing

High Performance Oracle Data Warehousing

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 indispensible 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 will 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.

Rogue Oracle

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.

Expert Oracle Exadata

As open systems continue to replace traditional mainframe systems, system scalability is becoming an increasingly important topic. This guide offers techniques for designing reliable and scalable online

transaction processing (OLTP) applications using Oracle. It covers hardware and I/O operation; benchmark and database monitoring systems; Oracle internals, operation, and implementation; and UNIX operating system issues that impact Oracle performance and scalability. The CD-ROM contains source code for dbaman, code examples, and public domain software. Annotation copyrighted by Book News, Inc., Portland, OR

Expert Oracle Database Architecture

This is a comprehensive quide to writing SQL code that's optimized for performance. It includes a unique set of software tools on CD-ROM for benchmarking SQL performance.

Oracle Tuning Power Scripts

Troubleshoot, tune, and optimize your Oracle database efficiently and successfully every time. This book explains how to take full advantage of the revolutionary Oracle Wait Interface to quickly pinpoint--and solve--core problems and bottlenecks, and increase productivity exponentially.

Oracle Internals

Lily and Darius have never known what happened to their parents, other than that they died. Now, as the foster siblings are getting ready to start high school they stumble onto a clue that might lead them to the truth. Through use of their newly discovered magical

powers, and with help from their friend Celes, they search for a mysterious artifact, known as the oracke stone, for answers about their parents' deaths. Along the way they discover a hidden world full of magic and danger. Will their search lead them to the answers they seek, or to even more questions?

Secret Oracle - Unleashing the Full Potential of the Oracle DBMS by Leveraging Undocumented Features

"A hands-on guide to designing, building, and manageing Oracle data warehouses".

The Oracle Stone

THE MORE YOU KNOW ABOUT THE FUTURE, THE MORE THERE MAY BE TO FEAR. Tara Sheridan is the best criminal profiler around—and the most unconventional. Trained as a forensic psychologist, Tara also specializes in Tarot card reading. But she doesn't need her divination skills to realize that the new assignment from her friend and sometime lover, Agent Harry Li, is a dangerous proposition in every way. Former Cold War operatives, all linked to a top-secret operation tracking the disposal of nuclear weapons in Russia, are disappearing. There are no bodies, and no clues to their whereabouts. Harry suspects a conspiracy to sell arms to the highest bidder. The cards—and Tara's increasingly ominous dreams—suggest something darker. Even as Tara sorts through her feelings for Harry and her fractured relationship with the mysterious order known as

Delphi's Daughters, a killer is growing more ruthless by the day. And a nightmare that began decades ago in Chernobyl will reach a terrifying endgame that not even Tara could have foreseen. . . .

Oracle Tuning

Optimizing Oracle Performance

Master Oracle Real Application Clusters Maintain a dynamic enterprise computing infrastructure with expert instruction from an Oracle ACE. Oracle Database 11g Oracle Real Application Clusters Handbook, Second Edition has been fully revised and updated to cover the latest tools and features. Find out how to prepare your hardware, deploy Oracle Real Application Clusters, optimize data integrity, and integrate seamless failover protection. Troubleshooting, performance tuning, and application development are also discussed in this comprehensive Oracle Press guide. Install and configure Oracle Real Application Clusters Configure and manage diskgroups using Oracle Automatic Storage Management Work with services, voting disks, and Oracle Clusterware Repository Look under the hood of the Cache Fusion and Global Resource Directory operations in Oracle Real Applications Clusters Explore the internal workings of backup and recovery in Oracle Real Application Clusters Employ workload balancing and the Transparent Application Failover feature of an Oracle database Get complete coverage of Stretch Clusters, also known as Metro

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Clusters Troubleshoot Oracle Clusterware using the most advanced diagnostics available Develop custom Oracle Real Application Clusters applications

Oracle SQL High-performance Tuning

Now in its third edition, this best-selling book continues to bring you some of the best thinking on how to apply Oracle Database to produce scalable applications that perform well and deliver correct results. Tom Kyte and Darl Kuhn share a simple philosophy: "you can treat Oracle as a black box and just stick data into it, or you can understand how it works and exploit it as a powerful computing environment." If you choose the latter, then you'll find that there are few information management problems that you cannot solve quickly and elegantly. This fully revised third edition covers the developments up to Oracle Database 12c. Significant new content is included surrounding Oracle's new cloud feature set, and especially the use of pluggable databases. Each feature is taught in a proof-by-example manner, not only discussing what it is, but also how it works, how to implement software using it, and the common pitfalls associated with it. Don't treat Oracle Database as a black-box. Get this book. Get under the hood. Turbo-charge your career. Revised to cover Oracle Database 12c Proof-by-example approach: Let the evidence be your guide Dives deeply into Oracle Database's most powerful features

Oracle

Provides insights into Oracle, covering such topics as the history of Oracle, YAPP methodology, SQL, DMA, CTD, testing and risk management, and BAARF.

Scaling Oracle8i

This book is aimed at helping Oracle database administrators (DBAs) to confidently and effectively operate in intense performance firefighting situations. To do so takes a unique combination of systematic method, perfect diagnosis, deep Oracle internals knowledge, the ability to communicate the complex in simple terms, and confidence in each of these areas. This book is squarely focused on developing in you, these characteristics and skills.

Oracle Wait Interface: A Practical Guide to Performance Diagnostics & Tuning

Helps non-technical users set up and run ORACLE databases on micros, supermicros, minis, and mainframes, and explains diverse facets of SQL, the query language of ORACLE

Oracle Wait Event Tuning

Oracle system performance inefficiencies often go undetected for months or even years--even under intense scrutiny--because traditional Oracle performance analysis methods and tools are fundamentally flawed. They're unreliable and inefficient.Oracle DBAs and developers are all too familiar with the outlay of time and resources, blown

budgets, missed deadlines, and marginally effective performance fiddling that is commonplace with traditional methods of Oracle performance tuning. In this crucial book, Cary Millsap, former VP of Oracle's System Performance Group, clearly and concisely explains how to use Oracle's response time statistics to diagnose and repair performance problems. Cary also shows how "queueing theory" can be applied to response time statistics to predict the impact of upgrades and other system changes.Optimizing Oracle Performance eliminates the time-consuming, trial-and-error guesswork inherent in most conventional approaches to tuning. You can determine exactly where a system's performance problem is, and with equal importance, where it is not, in just a few minutes--even if the problem is several years old.Optimizing Oracle Performance cuts a path through the complexity of current tuning methods, and streamlines an approach that focuses on optimization techniques that any DBA can use quickly and successfully to make noticeable--even dramatic--improvements.For example, the one thing database users care most about is response time. Naturally, DBAs focus much of their time and effort towards improving response time. But it is entirely too easy to spend hundreds of hours to improve important system metrics such as hit ratios, average latencies, and wait times, only to find users are unable to perceive the difference. And an expensive hardware upgrade may not help either.It doesn't have to be that way. Technological advances have added impact, efficiency, measurability, predictive capacity, reliability, speed, and practicality to the science of Oracle performance optimization. Optimizing Oracle

Performance shows you how to slash the frustration and expense associated with unraveling the true root cause of any type of performance problem, and reliably predict future performance.The price of this essential book will be paid back in hours saved the first time its methods are used.

High-Performance Oracle

An Expert Guide for Solving Complex Oracle Database Problems Oracle Database Problem Solving and Troubleshooting Handbook delivers comprehensive, practical, and up-to-date advice for running the Oracle Database reliably and efficiently in complex production environments. Seven leading Oracle experts have brought together an unmatched collection of proven solutions, hands-on examples, and step-by-step tips for Oracle Database 12c, 11g, and other recent versions of Oracle Database. Every solution is crafted to help experienced Oracle DBAs and DMAs understand and fix serious problems as rapidly as possible. The authors cover LOB segments, UNDO tablespaces, high GC buffer wait events, poor query response times, latch contention, indexing, XA distributed transactions, RMAN backup/recovery, and much more. They also offer in-depth coverage of a wide range of topics, including DDL optimization, VLDB tuning, database forensics, adaptive cursor sharing, data pumps, data migration, SSDs, indexes, and how to go about fixing Oracle RAC problems. Learn how to Choose the quickest path to solve high-impact problems Use modern best practices to make your day more efficient and predictable Construct

your "Call 9-1-1 plan" for future database emergencies Proactively perform maintenance to improve your environment's stability Save time with industry-standard tools and scripts Register your product at informit.com/register for convenient access to downloads, updates, and corrections as they become available.

Oracle Database 12c Release 2 Performance Tuning Tips & Techniques

Proven Database Optimization Solutions—Fully Updated for Oracle Database 12c Release 2 Systematically identify and eliminate database performance problems with help from Oracle Certified Master Richard Niemiec. Filled with real-world case studies and best practices, Oracle Database 12c Release 2 Performance Tuning Tips and Techniques details the latest monitoring, troubleshooting, and optimization methods. Find out how to identify and fix bottlenecks on premises and in the cloud, configure storage devices, execute effective queries, and develop bug-free SQL and PL/SQL code. Testing, reporting, and security enhancements are also covered in this Oracle Press guide. • Properly index and partition Oracle Database 12c Release 2 • Work effectively with Oracle Cloud, Oracle Exadata, and Oracle Enterprise Manager • Efficiently manage disk drives, ASM, RAID arrays, and memory • Tune queries with Oracle SQL hints and the Trace utility • Troubleshoot databases using V\$ views and X\$ tables • Create your first cloud database service and prepare for hybrid cloud • Generate reports using

Oracle's Statspack and Automatic Workload Repository tools • Use sar, vmstat, and iostat to monitor operating system statistics

Oracle High Performance Tuning for 9i and 10g

Secret ORACLE is the definitive guide to undocumented and partially documented features of the ORACLE database server. This book will improve your efficiency as an ORACLE database administrator and enable you to master more difficult administrative, tuning, and troubleshooting tasks than you ever thought possible. Topics covered include: The MERITS performance optimization method, which extends the state-of-the-art wait event tuning paradigm. Controlling processes of an ORACLE instance with the fragmentarily documented ORADEBUG command to trace SQL statements as well as wait events and dump process state, call stack, and hang analysis information. Tracing the cost based optimizer to understand its cost calculations and decisions. Understanding hidden parameters that govern Automatic PGA Memory Management. Leveraging undocumented features of the Oracle10g/11g scheduler and other partially or fully undocumented PL/SQL packages, such as DBMS_SYSTEM, DBMS_SUPPORT, and DBMS_UTILITY.

Oracle Database 11g Oracle Real Application Clusters Handbook, 2nd Edition

Furnishes indepth, authoritative data about Oracle internal services, including data structures, algorithms, hidden parameters, and undocumented system statistics, with new sections on latches, memory use and management, waits, and locks. Original. (Intermediate)

Oracle Database 11g Performance Tuning Recipes

This title allows users to see how to diagnose performance problems, and how to improve and optimize an Oracle database. The book covers hardware as well as software issues.

Oracle Insights

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.

Computer Systems Series

Your Oracle career starts here! Ideal for those new to Oracle technology, this officially authorized guide teaches new DBAs the essentials of keeping an Oracle

database running at top performance. You'll get coverage of application, instance, database, I/O, OS, and contention tuning.

Oracle Database Performance and Scalability

For Oracle tuning professionals wishing to add more tools to their Oracle tuning toolbox, this guidebook introduces the various tuning analytical tools and helpful strategies to make the database easier to use. Details describe how to extract information from the database and use it to determine and increase efficiency. It also provides specific steps with detailed information on how to congeal large amounts of database performance information into one pool from which the DBA can carefully choose tuning options based on what is predicted, all to give them the biggest improvement in performance for the least time and money investment. Sample code, sample code results, and guidelines on how to interpret the results help users manipulate code in an effective way. With countless hints, tips, and tools, the guide fully explains how to work with the Oracle system on order to achieve database performance excellence.

Oracle Performance Tuning 101

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 Database 11g Release 2 Performance Tuning Tips & Techniques

"This book is the definitive guide for serious Oracle8i professionals and is required reading for all Oracle data warehousing practitioners."-Shannon Platz, Senior Director, Business Intelligence & Warehouse Global Service Line, Oracle Corporation A complete hands-on guide to Oracle8i and earlier versions In this updated and expanded edition of their critically acclaimed Oracle8 Data Warehousing, Gary Dodge and Tim Gorman clearly explain everything you'll need to know to build and manage a large, high-performance data warehouse using Oracle8i. They provide a technical roadmap to the specific Oracle8 or Oracle8i features that are relevant to designing, building, tuning, and administering an Oracle data warehouse. After a brief review of the basic concepts, you'll find descriptions of the various hardware platforms to support the Oracle data warehouse. The authors then cover the Oracle features that can

enhance a large data warehouse, the design considerations for a warehouse, and the steps necessary to load data into the warehouse. You'll also find out how to perform parallel operations using Oracle8 and Oracle8i to accomplish massive tasks more quickly. And you'll discover the specific features and techniques for implementing a distributed architecture. With this book, you'll learn how to: - Design a data warehouse for optimum performance - Construct the data warehouse using Oracle8 and Oracle8i database technology - Load data into the data warehouse - Summarize and aggregate data within a warehouse - Administer and monitor a data warehouse for optimum performance - Build and manage very large (multiterabyte) data warehouses Visit our Web site at www.wiley.com/compbooks/ Visit the companion Web site at www.wiley.com/compbooks/dodge for scripts, extensions, and additional material.

Oracle Internals: An Introduction

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.

Secrets of the Oracle Database

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

Effective Oracle by Design

The innovative performance and scalability features with each newer edition of the Oracle database system can present challenges for users. This book teaches software developers and students how to

effectively deal with Oracle performance and scalability issues throughout the entire life cycle of developing Oracle-based applications. Using real-world case studies to deliver key theories and concepts, the book introduces highly dependable and ready-to-apply performance and scalability optimization techniques, augmented with Top 10 Oracle Performance and Scalability Features as well as a supplementary support website.

Essential Oracle8i Data Warehousing

"High Performance Oracle Data Warehousing" takes readers beyond the basics, showing them how to create compact, efficient, lightning-fast data warehouse systems with Oracle. The CD-ROM contains all examples and source code used in the book, including SQL scripts, optimized database tables, templates, and more.

Oracle Performance Tuning

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

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Oracle Rac Performance Tuning

*One-stop reference for administration and management of Oracle 10g Database *9i predecessor was a best seller; this edition covers all new features, with fully field-tested examples—not just "showcase" examples *Contains essential primers on Unix, Linux and Windows NT management and on SQL and PL/SQL programming; ideal for new/aspiring DBAs

Oracle Tuning

Based on the author's long experience working with Oracle, this book uses a five-step model to help identify and isolate the cause of nonperformance. This book shows how to approach problems, get the information one needs from Oracle, and follow the

process through to success.

Oracle Database Problem Solving and Troubleshooting Handbook

This concise book contains detailed information about Oracle internals -- information that's not readily available to Oracle customers. It lays a foundation for advanced performance tuning of the Oracle database. Based on Oracle8i release 8.1, the book describes many of the secrets of Oracle's internal services: data structures, algorithms, and undocumented Oracle system statistics. Main topics include: Waits - how Oracle processes communicate via semaphores, and how to use the Oracle wait statistics to identify the source of performance problems. Latches - how they keep multiple processes from inspecting protected data structures at the same time, and how to examine and control latch behavior and statistics. Locks - how they work with latches to protect data structures (locks allow multiple sessions to share resources in some cases), and how locks affect performance. There is also a detailed discussion of instance locks, which are used in parallel server environments. Memory - how Oracle uses memory (e.g., the various elements of the System Global Area), and how Oracle dynamically allocates and manages memory. Oracle8i Internal Services is aimed especially at administrators and developers who need detailed internal information to do advanced performance tuning. The book will expand your repertoire of tuning solutions and troubleshooting techniques by explaining how you can use Oracle's

hidden parameters and undocumented system statistics to best advantage. NOTE: The author has collected the scripts he has developed for tuning and analysis into a toolkit (known as APT, for Advanced Performance Tuning). These scripts access the Oracle X\$ tables directly and provide information not otherwise available. The scripts are available to readers for free from the O'Reilly web site.

Expert Oracle Database 10g Administration

Expert Oracle Exadata, 2nd Edition opens up the internals of Oracle's Exadata platform so that you can fully benefit from the most performant and scalable database hardware appliance capable of running Oracle Database. This edition is fully-updated to cover Exadata 5-2 and Oracle Database 12c. If you're new to Exadata, you'll soon learn that it embodies a change in how you think about and manage relational databases. A key part of that change lies in the concept of offloading SQL processing to the storage layer. In addition there is Oracle's engineering effort in creating a powerful platform for both consolidation and transaction processing. The resulting value proposition in the form of Exadata has truly been a game-changer. Expert Oracle Exadata, 2nd Edition provides a look at the internals and how the combination of hardware and software that comprise Exadata actually work. Authors include Martin Bach, Andy Colvin, and Frits Hoogland, with contributions from Karl Arao, and built on the foundation laid by Kerry Osborne, Randy Johnson, and Tanel Poder in the

first edition. They share their real-world experience gained through a great many Exadata implementations, possibly more than any other group of experts today. Always their goal is toward helping you advance your career through success with Exadata in your own environment. This book is intended for readers who want to understand what makes the platform tick and for whom—"how" it does what it is does is as important as what it does. By being exposed to the features that are unique to Exadata, you will gain an understanding of the mechanics that will allow you to fully benefit from the advantages that the platform provides. This book changes how you think about managing SQL performance and processing. It provides a roadmap to successful Exadata implementation. And it removes the "black box" mystique. You'll learn how Exadata actually works and be better able to manage your Exadata engineered systems in support of your business. This book: Changes the way you think about managing SQL performance and processing Provides a roadmap to successful Exadata implementation Removes the "black box" mystique, showing how Exadata actually works

Working with Oracle Version 6.0

"Geoff Ingram has met the challenge of presenting the complex process of managing Oracle performance. This book can support every technical person looking to resolve Oracle8i and Oracle9i performance issues." -Aki Ratner, President, Precise Software Solutions Ensuring high-performance and

Tom Kyte of Oracle Magazine's "Ask Tom" column has written the definitive guide to designing and building high-performance, scalable Oracle applications. The book covers schema design, SQL and PL/SQL, tables and indexes, and much more. From the exclusive publisher of Oracle Press books, this is a must-have resource for all Oracle developers and DBAs.

Oracle Core: Essential Internals for DBAs and Developers

There are three parts to tuning an Oracle database: data modeling, SQL code tuning and physical database configuration. A data model contains tables and relationships between tables. Tuning a data model involves normalization and de-normalization. Different approaches are required depending on the application, such as OLTP or a Data Warehouse. Inappropriate database design can make SQL code impossible to tune. Poor data modeling can have a most profound effect on database performance since all SQL code is constructed from the data model. Poorly written SQL code is often a culprit of performance problems and is expensive to rectify. However, tuning of SQL code is generally cheaper than changing the data model. SQL code tends to be contained inside independent blocks within applications or stored procedures. Physical database tuning involves hardware resource usage, networking and various other Oracle things such as configuration and file distribution. Physical configuration is often a culprit of poor performance where Oracle is installed with defaults, and never altered by an expert.

*Includes all three aspects of Oracle database tuning: data model tuning, SQL & PL/SQL code tuning, physical plus configuration tuning *Contains experienced guidance and real-world examples using large datasets *Emphasizes development as opposed to operating system perspective

Oracle Database 12c Performance Tuning Recipes

The most trusted name in performance tuning updates his bestselling guide for the challenges of Oracle Database 11"g" + 11"g"R2, leaving no stone unturned in his pursuit of optimal tuning.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION