



Performance Tuning in Oracle

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Oracle Database Performance Tuning Guide

Richard J. Niemiec

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Secrets of the Oracle Database Norbert Debes, 2010-08-03. 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.

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OCP Oracle9i Database: Performance Tuning Exam Guide Charles Pack, 2002-03-27. The performance tuning exam is one of the exams that must be passed to become OCP certified as a DBA. This book contains over 300 practice questions.

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Potential of the Oracle DBMS by Leveraging Undocumented Features Norbert Debes, 2008-03 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 Oracle 10g, 11g scheduler and other partially or fully undocumented PL SQL packages such as DBMS_SYSTEM, DBMS_SUPPORT and DBMS.Utility.

Oracle Performance Tuning Tips & Techniques Richard J. Niemiec, 1999-01-01 Tuning skills are in high demand in Oracle communication and this guide gives specific examples to build performance tuning skill sets. Database administrators will find helpful hints and useful information to help them get optimal performance from Oracle RDBMS environments.

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Beginning Oracle Database 11g Administration Ignatius Fernandez, 2009-03-25 This book, written by veteran Oracle database administrator Iggy Fernandez, a regular on the Oracle conference circuit and the editor of NoCOUG Journal, is a manageable introduction to key Oracle database administration topics including planning, installation, monitoring, troubleshooting, maintenance and backups to name just a few. As is clear from the table of contents, this book is not simply a recitation of Oracle Database features such as what you find in the reference guides available for free download on the Oracle web site. For example, the chapter on database monitoring explains how to monitor database availability, database changes, database security, database backups, database growth, database workload, database performance and

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[Linux Recipes for Oracle DBAs](#) Darl Kuhn,Bernard Lopuz,Charles Kim,2008-11-21 Linux Recipes for Oracle DBAs is an example based book on managing Oracle Database in a Linux environment Covering commonly used distributions such as Red Hat Enterprise Linux and Oracle Enterprise Linux the book is written for database administrators who need to get work done and lack the luxury of curling up fireside with a stack of Linux documentation The book is task oriented Look up the task to perform See the solution Read up on the details Get the job done Takes you directly from problem to solution Covers the right mix of Linux user and administration tasks for database administrators Respects your time by being succinct and to the point What you ll learn Execute Linux commands applicable to Oracle Database administration Write shell scripts to automate critical DBA tasks Monitor tune and optimize a Linux server to run Oracle Database Perform Linux system administration tasks relevant to Oracle Database Implement Oracle real application clusters on Linux Implement Oracle automatic storage management on Linux Remotely and securely manage Oracle on Linux Who this book is for Linux Recipes for Oracle DBAs is a book for Oracle database administrators who want to expertly operate Oracle databases on the Linux operating system If you re new to Linux or are migrating from a Unix platform or just want detailed solutions for tasks that Oracle DBAs perform on Linux servers this book is for you

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the lines of his letters filling in the historical context and helping us to understand what it was like to be Jim **Oracle PL/SQL Performance Tuning Tips & Techniques** Michael Rosenblum,Paul Dorsey,2014-08-29 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 **Oracle Database 11 G Release 2 Performance Tuning Tips & Techniques** Richard J. Niemiec,2012

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