

Oracle 11g Reference Guide

Sam Alapati's Expert Oracle Database 11g Administration is a comprehensive handbook for Oracle database administrators (DBAs) using the 11g release of the Oracle Database. All key aspects of database administration are covered, including backup and recovery, day-to-day administration and monitoring, performance tuning, and more. This is the one book to have on your desk as a continual reference. Refer to it frequently. It'll help you get the job done.

Comprehensive handbook for Oracle Database administrators. Covers all major aspects of database administration. Tests and explains in detail key DBA commands. Offers primers on Linux/Unix, data modeling, SQL, and PL/SQL. The Definitive Guide to Oracle Database 11g Get full details on the powerful features of Oracle Database 11g from this thoroughly updated Oracle Press guide. Oracle Database 11g: The Complete Reference explains how to use all the new features and tools, execute powerful SQL queries, construct PL/SQL and SQL*Plus statements, and work with large objects and object-relational databases. Learn how to implement the latest security measures, tune database performance, and deploy grid computing techniques. An invaluable cross-referenced appendix containing Oracle commands, keywords, features, and functions is also included. Install Oracle Database 11g or upgrade from an earlier version Create database tables, sequences, indexes, views, and user accounts Construct SQL statements, procedures, queries, and subqueries Optimize security using virtual private databases and transparent data encryption Import and export data using SQL*Loader and Oracle Data Pump Use SQL replay, change management, and result caching Avoid human errors using flashback and automatic undo management Build and tune PL/SQL triggers, functions, and packages Develop database applications using Java, JDBC, and XML Optimize availability and scalability with Oracle Real Application Clusters Design, install, and configure high-performance data replication solutions using Oracle GoldenGate with this book and eBook.

A Fully Integrated Study System for OCA Exam 1Z0-051 Prepare for the Oracle Certified Associate Oracle Database 11g: SQL Fundamentals I exam with help from this exclusive Oracle Press guide. In each chapter, you'll find challenging exercises, practice questions, a two-minute drill, and a chapter summary to highlight what you've learned. This authoritative guide will help you pass the test and serve as your essential on-the-job reference. Get complete coverage of all OCA objectives for exam 1Z0-051, including: SQL SELECT statements Restricting and sorting data Single-row functions Conversion functions and conditional expressions Group functions Displaying data from multiple tables Subqueries Set operators DML and DDL statements Schema objects On the CD-ROM: One full practice exam that simulates the actual OCA exam Detailed answers and explanations Score report performance assessment tool Complete electronic book Bonus exam available free with online registration

In this book, Oracle experts Darl Kuhn, Sam Alapati, and Arup Nanda show you the power of Recovery Manager, or RMAN, which is Oracle's backup and recovery tool of choice. Oracle RMAN Recipes helps you take advantage of all that RMAN has to offer. This handy guide demystifies the steps required to protect your business data. It provides ready-made and example-based solutions to common (and some not-so-common) backup and recovery operations. Are you a seasoned system administrator charged with setting up an Oracle database? Or did you suddenly become a DBA by default? If database administration with Oracle is part of your job, you'll be glad to have Oracle 11g For Dummies in your cubicle. This nuts-and-bolts guide walks you through the mysteries of Oracle and database administration. You'll learn how to understand Oracle database architecture, set up and manage an Oracle database, and keep it running in tiptop form. Oracle 11g For Dummies covers: The building blocks behind the database engine as well as Oracle's physical and logical structures Hardware, software, system, and storage requirements for implementation How to recognize and accommodate the differences between Oracle installations on Windows and on Linux/UNIX Daily and intermittent tasks necessary to keep your database running properly How to assess potential threats to your database, configure Oracle Recovery Manager, and set up backup and recovery procedures When to use online, offline, controlfile, and archive log backups Troubleshooting methodology and how to use Oracle database logs and other diagnostic utilities Different ways to manage your database How to automate jobs with the Oracle Scheduler Using SQL in Oracle, and a great deal more Completely up to date for the newest release of Oracle, Oracle 11g For Dummies will give you both the information and the confidence to set up and maintain an Oracle database for your organization.

Ramp Up Your PL/SQL Programming Skills Master PL/SQL through the hands-on exercises, extensive examples, and real-world projects inside this Oracle Press guide. Filled with best practices, Oracle Database 11g PL/SQL Programming Workbook covers all the latest features and enhancements of the language. Mastery checks at the end of each chapter reinforce the material covered, and sample code from the book is available for download. Even experienced Oracle professionals will benefit from this practical resource. Understand the Oracle development architecture and the mechanics of connections Work with data types, structures, blocks, cursors, and PL/SQL semantics Write, deploy, and use functions, procedures, and packages Manage transactions and more Use dynamic SQL statements in real-world applications Support online transaction processing and data warehousing applications with external tables Find syntax samples and best practices to solve problems Write, deploy, and use object types For a complete list of Oracle Press titles, visit www.OraclePressBooks.com

Master the Configuration and Administration of Oracle WebLogic Server 11g
Oversee a robust, highly available environment for your mission-critical

applications using the expert information in this Oracle Press guide. Oracle WebLogic Server 11g Administration Handbook explains the latest management techniques for the de facto application server for Oracle Fusion Middleware 11g> and provides detailed examples and best practices. Find out how to use the Oracle WebLogic Server Administration Console feature, employ command-line and scripting tools, implement failover and migration capabilities, and generate reliable backups. Troubleshooting, tuning, and security procedures are also covered in this comprehensive resource. Install Oracle WebLogic Server 11g or upgrade from a previous version Configure domains, servers, clusters, custom networks, and virtual hosts Work with the Administration Console and Monitoring Dashboard features of Oracle WebLogic Server Use the WebLogic Scripting Tool (WLST) feature of Oracle WebLogic Server to manage and monitor domains Use the Oracle WebLogic Server Work Managers feature to optimize scheduled work Deploy Web applications, Enterprise JavaBeans, and Java EE modules Improve scalability and reliability using Oracle WebLogic Server clusters Monitor servers, tune the Java Virtual Machine, maximize throughput, and optimize performance Authenticate, authorize, and map users within defined security realms Pro Oracle Spatial for Oracle Database 11g shows you how to take advantage of Oracle Database's built-in feature set for working with location-based data. The book addresses the special nature of spatial data and its role in professional and consumer applications. It also details issues in spatial data management and covers how spatial information is used to understand business and support decisions, to manage customer relations, and to better serve private and corporate users. When you read this book, you're learning from the very best, the authors are key players on the team that develops the Oracle Spatial feature set. This book covers Oracle B2B and serves as a reference guide. XML has become the lingua franca for representing business data, for exchanging information between business partners and applications, and for adding structure— and sometimes meaning—to text-based documents. XML offers some special challenges and opportunities in the area of search: querying XML can produce very precise, fine-grained results, if you know how to express and execute those queries. For software developers and systems architects: this book teaches the most useful approaches to querying XML documents and repositories. This book will also help managers and project leaders grasp how “querying XML fits into the larger context of querying and XML. Querying XML provides a comprehensive background from fundamental concepts (What is XML?) to data models (the Infoset, PSVI, XQuery Data Model), to APIs (querying XML from SQL or Java) and more. * Presents the concepts clearly, and demonstrates them with illustrations and examples; offers a thorough mastery of the subject area in a single book. * Provides comprehensive coverage of XML query languages, and the concepts needed to understand them completely (such as the XQuery Data Model). * Shows how to query XML documents and data using: XPath (the XML Path Language); XQuery, soon to be the new W3C Recommendation for querying XML; XQuery's companion XQueryX; and SQL, featuring the SQL/XML * Includes an extensive set of XQuery, XPath, SQL, Java, and other examples, with links to downloadable code and data samples. Oracle ASM continues to be the best practice to implementing Oracle Databases. Whether you are leveraging a single instance database or a clustered database with RAC, you can benefit from the real-life examples to administering and maintaining ASM from this book. Consolidated by Charles Kim and Nitin Vengurlekar, this pocket reference guide is loaded with command line interface syntax for Oracle ASM 11g Release 2 or Oracle ASM 12c. It does not matter if

you are a newbie to ASM or a long time veteran, this pocket reference guide is packed with relevant tidbits. Both Charles and Nitin have combined experiences of over 48 years of Oracle experience and are authors of many Oracle books. Charles is the Founder and President of Viscosity North America and Nitin is the Chief Technology Officer. They are subject matter experts of RAC/ASM/Exadata technologies.

Learn cutting-edge technology from Oracle experts Written by Oracle insiders, this comprehensive guide covers everything you need to know about Real Application Clusters -- low-cost hardware platforms that can rival and exceed the quality of service, availability, and scalability of the most expensive mainframe systems. Concepts covered are applicable to all previous versions of Oracle Tuning and troubleshooting tips, providing insight on the most advanced diagnostics available Detailed coverage of advanced RAC concepts Working code for all examples available online

Master Oracle Data Guard 11g Provide superior data protection, availability, and disaster recovery using the tested techniques in this Oracle Press guide. Cowritten by a team of Oracle experts, Oracle Data Guard 11g Handbook provides a sound architectural foundation along with best practices for configuration, monitoring, maintenance, and troubleshooting. You will get full details on implementing deployment architectures to address requirements that extend beyond disaster recovery. This invaluable resource also includes a complete set of monitoring scripts available for download. Develop a disaster recovery plan for your Oracle database to meet your organization's requirements Configure and deploy Oracle Data Guard for your environment Tune and troubleshoot your physical and logical standby databases Implement the Oracle Data Guard Broker management framework Integrate with Oracle Grid Control Monitor your Oracle Data Guard environment Enable read-only services and disaster recovery with Oracle Active Data Guard Configure seamless database and application failover Minimize planned downtime using Oracle Data Guard switchover Handle backup and recovery with Oracle Recovery Manager

"Offers hundreds of hints, tips, and tricks of the trade that can be useful to any DBA wanting to achieve maximum performance of Oracle applications. No Oracle library would be complete without this book." --Ken (Dr. DBA) Jacobs, Vice President of Product Strategy for Server Technologies, Oracle Corporation "Rich is the first and last stop for Oracle Database technology and performance tuning. His knowledge is a vital tool that you need to successfully negotiate the waters of Oracle database development." --Mike Frey, Principal Architect, Navteq

Get a Solid Foundation in Oracle Database Technology Master Oracle Database 11g fundamentals quickly and easily. Using self-paced tutorials, this book covers core database essentials, the role of the administrator, high availability, and large database features. Oracle Database 11g: A Beginner's Guide walks you, step by step, through database setup, administration, programming, backup, and recovery. In-depth introductions to SQL and PL/SQL are included. Designed for easy learning, this exclusive Oracle Press guide offers: Core Concepts--Oracle Database 11g topics presented in logically organized chapters Critical Skills--Lists of specific skills covered in each chapter Projects--Practical exercises that show how to apply the critical skills learned in each chapter Progress Checks--Quick self-assessment sections to check your progress Notes--Extra information related to the topic being covered Mastery Checks--Chapter-ending quizzes to test your knowledge

Build and manage your Oracle Database XE environment with this fast paced, practical guide

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.

This book is designed to help administrators and web developers create custom applications with the Content Server. It contains step-by-step instructions on how to create many different types of applications, including simple business forms, new web interfaces for existing services, new skins, and new functionality with custom Java code. It also contains detailed reference material for the inner workings of the Content Server. You’ll need this vital resource when creating custom Stellent applications, and you’ll find this information only in this complete guide to Stellent Content Server.

Expert Indexing in Oracle Database 11g is about the one database structure at the heart of almost all performance concerns: the index. Database system performance is one of the top concerns in information technology today.

Administrators struggle to keep up with the explosion of access and activity driven by the proliferation of computing into everything from phones to tablets to PCs in our increasingly connected world. At the heart of any good-performing database lies a sound indexing strategy that makes appropriate use of indexing, and especially of the vendor-specific indexing features on offer. Few databases fully exploit the wealth of data access mechanisms provided by Oracle. Expert Indexing in Oracle Database 11g helps by bringing together information indexing and how to use it into one, convenient and blissfully short volume that you can read quickly and have at your fingertips for reference. Learn the different types of indices available and when each is best applied. Recognize when queries aren’t using indices as you intend. Manage your indexing for maximum performance. Let Expert Indexing in Oracle Database 11g be your guide to deep mastery of the most fundamental performance optimization structure in Oracle Database.

Explains how indices work, how they help, and how they hinder Demystifies the various index choices Describes the database administration chores associated

with indices

Annotation From smaller businesses through to huge enterprises _ users all over the world often require access to data 24 hours a day. Distributed database systems proliferate the world of data sharing providing an ability to access real-time data anywhere, anytime. Oracle Streams, a built-in feature of the Oracle database, is a data replication and integration feature critical to the success and wellbeing of enterprises in today's fast moving economy. This book provides the reader with solid techniques to master Oracle Streams technology and successfully deploy distributed database systems. This book quickly goes over the basics and gets you up and running with a simple Oracle 11g Streams environment. It will serve as an excellent companion to the Oracle Streams Administration Guide. It is intended for Oracle database architects and administrators, and provides in-depth discussion on must-know information for the design, implementation, and maintenance of an Oracle Streams environment. The book does not attempt to regurgitate all the information in the Oracle Streams Administration Guides, but rather provides additional clarification and explanation of design, implementation, and troubleshooting concepts that are often elusive in Streams documentation. It also identifies helpful tools and Oracle resources to add to your knowledge base, as well as tried and tested tricks and tips to help you tame Oracle Streams. The book starts by introducing and explaining the components of Oracle Streams and how they work together. It then moves on logically, helping you to determine your distributed environment requirements and design your Streams implementation to meet those requirements. Once these concepts are discussed, the book moves to configuration and basic implementation examples to help solidify those concepts. It then addresses advanced features such as tags, down-stream capture, and conflict resolution. You then move on to maintenance techniques such as documenting the environment, effectively planning and implementing changes to the environment, and monitoring and troubleshooting the environment. When you have studied the techniques and completed the hands-on examples, you will have an understanding of Oracle Streams' core concepts and functionally that will allow you to successfully design, implement, and maintain an Oracle Streamed environment.

Get a thorough understanding of Oracle Database 10g from the most comprehensive Oracle database reference on the market, published by Oracle Press. From critical architecture concepts to advanced object-oriented concepts, this powerhouse contains nearly 50 chapters designed to enlighten you. Upgrade from earlier versions, use SQL, SQL Plus, and PL/SQL. Get code examples and access popular documentation PDFs--plus a full electronic copy of the book on the included CD-ROM. Go beyond the basics and learn security, text searches, external tables, using Java in Oracle, and a great deal more.

Design Feature-Rich PL/SQL Applications Deliver dynamic, client/server PL/SQL applications with expert guidance from an Oracle programming professional. With

full coverage of the latest features and tools, Oracle Database 11g PL/SQL Programming lays out each topic alongside detailed explanations, cut-and-paste syntax examples, and real-world case studies. Access and modify database information, construct powerful PL/SQL statements, execute effective queries, and deploy bulletproof security. You'll also learn how to implement C, C++, and Java procedures, Web-enable your database, cut development time, and optimize performance. Create, debug, and manage Oracle-driven PL/SQL programs Use PL/SQL structures, delimiters, operators, variables, and statements Identify and eliminate errors using PLSQL_WARNINGS and exception handlers Work with functions, procedures, packages, collections, and triggers Define and deploy varray, nested table, and associative array data types Handle external routines, object types, large objects, and secure files Communicate between parallel sessions using DBMS_ALERT and DBMS_PIPE Call external procedures through Oracle Net Services and PL/SQL wrappers Integrate internal and server-side Java class libraries using Oracle JVM Develop robust Web applications using PL/SQL Gateway and Web Toolkit

New Oracle database administrators can get off the ground running. This book helps you develop the ability to think on your feet and move focus in an instant from arcane syntax details to broad, corporate issues. Along the way, you will see how to create your first database and implement best practices to ensure a well-running database system. What makes Oracle DBA Mentor different is that it also teaches you how to obtain answers that are not found in this or other books. Focus is given to creating a test bed and running test cases to examine hypotheses and prove out solutions so you can be sure they work in production. Attention is given to navigating product documentation and networking in forums and social media to build your skills and a network to draw on when solving problems under pressure. There are chapters of step-by-step technical content as well as coverage of essential skills to succeed as a DBA no matter which database engine you administer. By the time you are done reading this book, you will have confidence to face many of the situations thrown in your direction. You will know where to go for the answers you don't yet know that you need. You'll be able to work and troubleshoot under pressure. You'll know how to create a database, institute backup and recovery procedures, secure the database and its valuable corporate data, and acquire more knowledge as needed so you can run a database to meet the needs of your organization. What You'll Learn Install Oracle Database with best practices Implement backup and recovery procedures Understand the fundamentals of databases and data security Find answers to technical problems using Oracle documentation, Oracle Support, and other resources Patch and upgrade an Oracle database Who This Book Is For The novice database administrator who wants help getting off the ground with their DBA career, and in building the skills to let that career flourish in the long term. Mid-level DBAs will also find the book helpful as they try to grow their career to the next level. While the book is geared toward the Oracle platform, database

administrators from other platforms can benefit from the soft skills covered in this book.

This book addresses the web services arena with a specific agenda of providing information right from covering the fundamental aspects to its deployment and implementation issues. The content is introductory in nature, and covers not only the technology aspects, but also highlights the application scenarios across the industry. In order to illustrate the potential of web services, a case study exemplifying the Financial and Banking Services industry has been chosen for presentation the book.

Master Oracle Business Intelligence 11g Reports and Dashboards Deliver meaningful business information to users anytime, anywhere, on any device, using Oracle Business Intelligence 11g. Written by Oracle ACE Director Mark Rittman, Oracle Business Intelligence 11g Developers Guide fully covers the latest BI report design and distribution techniques. Find out how to execute effective queries, build accurate models, use scorecards and KPIs, create dynamic reports, set up dashboards, and publish to smartphones and wireless devices. This Oracle Press guide contains comprehensive details on Oracle Exalytics In-Memory Machine, the best-in-class, preintegrated BI platform. Install or upgrade to Oracle Business Intelligence 11g Develop and manage custom Oracle Business Intelligence repositories Access relational, file, and multidimensional data sources Design print-quality reports with Oracle Business Intelligence Publisher Create web-enabled analyses, dashboards, and visualizations Integrate with other applications using Oracle Business Intelligence 11g Action Framework Employ authentication, authorization, and row-level security Configure and deploy Oracle Exalytics In-Memory Machine

This complete reference explains how to use all the new features and tools, execute powerful SQL queries, construct PL/SQL and SQL*Plus statements, and work with large objects and object-relational databases. Learn how to implement the latest security measures, tune database performance, and deploy grid computing techniques. An invaluable cross-referenced appendix containing Oracle commands, keywords, features, and functions is also included.

This updated study guide for the latest release of the most popular database software in the world—Oracle Database 11g— reviews using the RMAN recovery catalog, handling Flashback technology, managing memory and resources, automating tasks, diagnosing the database, and much more. Plus, more than 100 pages of workbook exercises help prepare you to take the 1Z0-053 exam. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Based on John Patrick's hands-on SQL IT professionals at the University of California, Berkeley, this book shows exactly how to retrieve the data you want, when you need it, in any application. This 2nd edition is completely updated to include Oracle 9i and Access 2000.

This IBM® Redbooks® publication provides advice and technical information

about optimizing and tuning application code to run on systems that are based on the IBM POWER7® and POWER7+™ processors. This advice is drawn from application optimization efforts across many different types of code that runs under the IBM AIX® and Linux operating systems, focusing on the more pervasive performance opportunities that are identified, and how to capitalize on them. The technical information was developed by a set of domain experts at IBM. The focus of this book is to gather the right technical information, and lay out simple guidance for optimizing code performance on the IBM POWER7 and POWER7+ systems that run the AIX or Linux operating systems. This book contains a large amount of straightforward performance optimization that can be performed with minimal effort and without previous experience or in-depth knowledge. This optimization work can:

- Improve the performance of the application that is being optimized for the POWER7 system
- Carry over improvements to systems that are based on related processor chips
- Improve performance on other platforms

The audience of this book is those personnel who are responsible for performing migration and implementation activities on IBM POWER7-based servers, which includes system administrators, system architects, network administrators, information architects, and database administrators (DBAs).

ORACLE 11G: SQL is not simply a study guide; it is written for individuals who have just a basic knowledge of databases and can be utilized in a course on this latest implementation of SQL from Oracle.

Annotation Oracle RAC or Real Application Clusters is a grid computing solution that allows multiple nodes (servers) in a clustered system to mount and open a single database that resides on shared disk storage. Should a single system (node) fail, the database service will still be available on the remaining nodes. Oracle RAC is an integral part of the Oracle database setup. You have one database with multiple users accessing it, in real time. This book will enable DBAs to get their finger on the pulse of the Oracle 11g RAC environment quickly and easily. This book will cover all areas of the Oracle RAC environment and is indispensable if you are an Oracle DBA who is charged with configuring and implementing Oracle 11g R1, with bonus R2 information included. This book presents a complete method for the configuration, installation, and design of Oracle 11g RAC, ultimately enabling rapid administration of Oracle 11g RAC environments. This practical handbook documents how to administer a complex Oracle 11g RAC environment. Packed with real world examples, expert tips and troubleshooting advice, the book begins by introducing the concept of Oracle RAC and High Availability. It then dives deep into the world of RAC configuration, installation and design, enabling you to support complex RAC environments for real world deployments. Chapters cover Oracle RAC and High Availability, Oracle 11g RAC Architecture, Oracle 11g RAC Installation, Automatic Storage Management, Troubleshooting, Workload Management and much more. By following the practical examples in this book, you will learn every concept of the

RAC environment and how to successfully support complex Oracle 11g R1 and R2 RAC environments for various deployments within real world situations. This book is the updated release of our previous Oracle 11g R1/R2 Real Application Clusters Handbook. If you already own a copy of that Handbook, there is no need to upgrade to this book.

Developed as a practical book, "Oracle Database 11g Administration I Certification Guide" will show you all you need to know to effectively excel at being an Oracle DBA, for both examinations and the real world. This book is for anyone who needs the essential skills to become an Oracle DBA, pass the Oracle Database Administration I exam, and use those skills in the real world to manage secure, high performance, and highly available Oracle databases.

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

Pro Oracle Database 11g Administration is a book focused on results. Author Darl Kuhn draws from a well of experience over a decade deep to lay out real-world techniques that lead to success as an Oracle Database administrator. He gives clear explanations on how to perform critical tasks. He weaves in theory where necessary without bogging you down in unneeded detail. He is not afraid to take a stand on how things should be done. He won't leave you adrift in a sea of choices, showing you three ways to do something and then walking away. Database administration isn't about passing a certified exam, or about pointing-and-clicking your way through a crisis. Database administration is about applying the right solution at the right time, about avoiding risk, about making robust choices that get you home each night in time for dinner with your family. If you have "buck stops here" responsibility for an Oracle database, then Pro Oracle Database 11g Administration is the book you need to help elevate yourself to the level of Professional Oracle Database Administrator. Condenses and organizes the core job of a database administrator into one volume. Takes a results-oriented approach to getting things done. Lays a foundation upon which to build a senior level of expertise

Everything a DBA needs to know in one volume--this is the must-have reference for anyone working with the Oracle database, and it's been fully revised and updated for Oracle Database 10g. Co-author Kevin Loney is the all-time, best-selling Oracle Press

author.

If you have mastered the fundamentals of the PL/SQL language and are now looking for an in-depth, practical guide to solving real problems with PL/SQL stored procedures, then this is the book for you.

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 database capacity. The chapters of this book are logically organized into four parts that closely track the way your database administration career will naturally evolve. Part 1 gives you necessary background in relational database theory and Oracle Database concepts, Part 2 teaches you how to implement an Oracle database correctly, Part 3 exposes you to the daily routine of a database administrator, and Part 4 introduces you to the fine art of performance tuning. Each chapter has exercises designed to help you apply the lessons of the chapter. Each chapter also includes a list of reference works that contain more information on the topic of the chapter. In this book, you'll find information that you won't find in other books on Oracle Database. Here you'll discover not only technical information, but also guidance on work practices that are as vital to your success as technical skills. The author's favorite chapter is "The Big Picture and the Ten Deliverables." If you take the lessons in that chapter to heart, you can quickly become a much better Oracle database administrator than you ever thought possible. Learn the RDBMS concepts, database installation, and oracle database administration using different tools and utilities that will help you to administer, monitor any production database. Build strong foundation in database administration with this tutorial for absolute beginners- Oracle database installation- User connectivity and SQL execution- Oracle database architecture- Manual database creation- Tablespace and user administration- Oracle networking and utilities- Oracle DBA is one of the highly stable jobs! Database Administrator is one of the highly sought after jobs in the IT industry. It is also one of the highly stable jobs as DATA is a vital part of every organization and they need that to be in the capable hands of a good DBA! Starting with the database architecture, this eBook will take you through database installation, basic administration, user administration, tablespace administration and more. By working on lab activities, you will establish a strong database administration skill. With the basic database administration knowledge, the eBook will take you through Oracle networking by teaching you how Oracle client and server connectivity is done, installation of Oracle client on windows, configuring tns entries and configuration of database listener. By completing Lab Activities, you will be able to work along with the author and learn database administration.

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

[Copyright: 12d7d1fcd154510e74237ee088762764](http://www.oracle.com/technet/books/012d7d1fcd154510e74237ee088762764)