

Oracle 11G For Dummies R

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Expert Oracle Database 11g Administration Sam Alapati 2009-01-10 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.

Oracle Essentials Rick Greenwald 2013-09-06 Written by Oracle insiders, this indispensable guide distills an enormous amount of information about the Oracle Database into one compact volume. Ideal for novice and experienced DBAs, developers, managers, and users, Oracle Essentials walks you through technologies and features in Oracle 's product line, including its architecture, data structures, networking, concurrency, and tuning. Complete with illustrations and helpful hints, this fifth edition provides a valuable one-stop overview of Oracle Database 12c, including an introduction to Oracle and cloud computing. Oracle Essentials provides the conceptual background you need to understand how Oracle truly works. Topics include: A complete overview of Oracle databases and data stores, and Fusion Middleware products and features Core concepts and structures in Oracle 's architecture, including pluggable databases Oracle objects and the various datatypes Oracle supports System and database management, including Oracle Enterprise Manager 12c Security options, basic auditing capabilities, and options for meeting compliance needs Performance characteristics of disk, memory, and CPU tuning Basic principles of multiuser concurrency Oracle 's online transaction processing (OLTP) Data warehouses, Big Data, and Oracle 's business intelligence tools Backup and recovery, and high availability and failover solutions

Oracle Database 11g SQL Jason Price 2007-11-26 Write powerful SQL statements and PL/SQL programs Learn to access Oracle databases through SQL statements and construct PL/SQL programs with guidance from Oracle expert, Jason Price. Published by Oracle Press, Oracle Database 11g SQL explains how to retrieve and modify database information, use SQL Plus and SQL Developer, work with database objects, write PL/SQL programs, and much more. Inside, you'll find in-depth coverage of the very latest SQL features and tools, performance optimization techniques, advanced queries, Java support, and XML. This book contains everything you need to master SQL. Explore SQL Plus and SQL Developer Use SQL SELECT, INSERT, UPDATE, and DELETE statements Write PL/SQL programs Create tables, sequences, indexes, views, and triggers Write advanced queries containing complex analytical functions Create database objects and collections to handle abstract data Use large objects to handle multimedia files containing music and movies Write Java programs to access an Oracle Database using JDBC Tune your SQL statements to make them execute faster Explore the XML capabilities of the Oracle Database Master the very latest Oracle Database 11g features, such as PIVOT and UNPIVOT, flashback archives, and much more

Oracle Business Intelligence with Machine Learning Rosendo Abellera 2017-12-18 Use machine learning and Oracle Business Intelligence Enterprise Edition (OBIEE) as a comprehensive BI solution. This book follows a when-to, why-to, and how-to approach to explain the key steps involved in utilizing the artificial intelligence components now available for a successful OBIEE implementation. Oracle Business Intelligence with Machine Learning covers various technologies including using Oracle OBIEE, R Enterprise, Spatial Maps, and machine learning for advanced visualization and analytics. The machine learning material focuses on learning representations of input data suitable for a given prediction problem. This book focuses on the practical aspects of implementing machine learning solutions using the rich Oracle BI ecosystem. The primary objective of this book is to bridge the gap between the academic state-of-the-art and the industry state-of-the-practice by introducing you to machine learning with OBIEE. What You Will Learn See machine learning in OBIEE Master the fundamentals of machine learning and how it pertains to BI and advanced analytics Gain an introduction to Oracle R Enterprise Discover the practical considerations of implementing machine learning with OBIEE Who This Book Is For Analytics managers, BI architects and developers, and data scientists.

Python Web Penetration Testing Cookbook Cameron Buchanan 2015-06-24 This book gives you an arsenal of Python scripts perfect to use or to customize your needs for each stage of the testing process. Each chapter takes you step by step through the methods of designing and modifying scripts to attack web apps. You will learn how to collect both open and hidden information from websites to further your attacks, identify vulnerabilities, perform SQL injections, exploit cookies, and enumerate poorly configured systems. You will also discover how to crack encryption, create payloads to mimic malware, and create tools to output your findings into presentable formats for reporting to your employers.

Oracle Database 11g Sam Alapati 2008-03-09 This brilliant new book gives readers the lowdown on the most important new features in the latest release of Oracle's flagship database product. Authors Sam Alapati and Charles Kim are experienced database administrators who go beyond regurgitating Oracle's new feature documentation to report on "what's new that really matters." Readers whose careers are bound up in Oracle's database system need to know what's new. Sam and Charles deliver with a rigor and candor that will help readers choose the best of the new features to apply in their own environments.

Bpel PM and Osb Operational Management with Oracle Enterprise Manager 10g Grid Control Narayan Bharadwaj 2010-08-23 Manage the operational tasks for multiple Oracle BPEL and OSB environments centrally using this book and eBook.

Oracle 19c AutoUpgrade Best Practices Sambaiah Sammeta 2021-11-30 Master Oracle 's AutoUpgrade tool effectively to upgrade Oracle databases from lower versions to 19c. KEY FEATURES In-depth practical demonstration of Oracle database upgrades with various real-time scenarios. Step-by-step illustration of each Oracle database upgrade and downgrade method. Fastest ever multiple Oracle databases upgrade. DESCRIPTION 'Oracle 19c AutoUpgrade Best Practices' is a simple cookbook for database professionals to upgrade from lower versions to 19c or downgrade from 19c to lower versions This book is dedicated solely to demonstrate upgrading Oracle Databases to 19c by using AutoUpgrade tool. It has a very good explanation about different AutoUpgrade processing modes (Analyze, Fixup, Deploy, and Upgrade) and various stages that the AutoUpgrade job runs while performing database upgrade. Multiple chapters in this book covers various scenarios with detailed steps for upgrading Oracle database from versions 11g/12c/18c to version 19c and Downgrading from 19c to 11g/12c/18c. By the end of this book, every Oracle DBA can gain real-time experience and become a master in upgrading and downgrading oracle databases (Standalone, RAC, Standby) using AutoUpgrade Utility. WHAT YOU WILL LEARN Learn to use the Oracle database upgrade tool AutoUpgrade for various DB challenges. Understand how to convert a non-container database to a 19c pluggable database. Get to know how to upgrade multiple databases of different versions to 19c in a single operation. WHO THIS BOOK IS FOR This book is intended for Oracle DBA students, Database administrators, Database Architects and anyone else who want to improve their database upgrade or downgrade skills in a concise and understandable manner. TABLE OF CONTENTS 1. Introduction to DB Upgrades 2. Upgrading Oracle Database from 11.2.0.4 to 19.9.0 Using dbupgrade (Manual) 3. Upgrading Oracle Database from 11.2.0.4 to 19.9.0 (Using AutoUpgrade) 4. Upgrading and Converting 12c non-CDB as 19c PDB 5. Upgrading Oracle Multitenant Database from 12c/18c to 19c 6. Upgrading and Converting 12c non-CDB as 19c PDB (using AutoUpgrade) 7. Upgrading Multiple Database Versions (11g/12c/18c) to 19c Using the Single AutoUpgrade Command

Python: Penetration Testing for Developers Christopher Duffy 2016-10-21 Unleash the power of Python scripting to execute effective and efficient penetration tests About This Book Sharpen your pentesting skills with Python Develop your fluency with Python to write sharper scripts for rigorous security testing Get stuck into some of the most powerful tools in the security world Who This Book Is For If you are a Python programmer or a security researcher who has basic knowledge of Python programming and wants to learn about penetration testing with the help of Python, this course is ideal for you. Even if you are new to the field of ethical hacking, this course can help you find the vulnerabilities in your system so that you are ready to tackle any kind of attack or intrusion. What You Will Learn Familiarize yourself with the generation of Metasploit resource files and use the Metasploit Remote Procedure Call to automate exploit generation and execution Exploit the Remote File Inclusion to gain administrative access to systems with Python and other scripting languages Crack an organization's Internet perimeter and chain exploits to gain deeper access to an organization's resources Explore wireless traffic with the help of various programs and perform wireless attacks with Python programs Gather passive information from a website using automated scripts and perform XSS, SQL injection, and parameter tampering attacks Develop complicated header-based attacks through Python In Detail Cybercriminals are always one step ahead, when it comes to tools and techniques. This means you need to use the same tools and adopt the same mindset to properly secure your software. This course shows you how to do just that, demonstrating how effective Python can be for powerful pentesting that keeps your software safe. Comprising of three key modules, follow each one to push your Python and security skills to the next level. In the first module, we'll show you how to get to grips with the fundamentals. This means you'll quickly find out how to tackle some of the common challenges facing pentesters using custom Python tools designed specifically for your needs. You'll also learn what tools to use and when, giving you complete confidence when deploying your pentester tools to combat any potential threat. In the next module you'll begin hacking into the application layer. Covering everything from parameter tampering, DDoS, XSS and SQL injection, it will build on the knowledge and skills you learned in the first module to make you an even more fluent security expert. Finally in the third module, you'll find more than 60 Python pentesting recipes. We think this will soon become your trusted resource for any pentesting situation. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Learning Penetration Testing with Python by Christopher Duffy Python Penetration Testing Essentials by Mohit Python Web Penetration Testing Cookbook by Cameron Buchanan, Terry Ip, Andrew Mabbitt, Benjamin May and Dave Mound Style and approach This course provides a quick access to powerful, modern tools, and customizable scripts to kick-start the creation of your own Python web penetration testing toolbox.

Oracle 10g/11g Data and Database Management Utilities Hector R. Madrid 2009-06-26 Master 12 must-use Oracle Database Utilities with this book and eBook

Recent Advances and the Future Generation of Neuroinformatics Infrastructure Xi Cheng 2015-12-11 The huge volume of multi-modal neuroimaging data across different neuroscience communities has posed a daunting challenge to traditional methods of data sharing, data archiving, data processing and data analysis. Neuroinformatics plays a crucial role in creating advanced methodologies and tools for the handling of varied and heterogeneous datasets in order to better understand the structure and function of the brain. These tools and methodologies not only enhance data collection, analysis, integration, interpretation, modeling, and dissemination of data, but also promote data sharing and collaboration. This Neuroinformatics Research Topic aims to summarize the state-of-art of the current achievements and explores the directions for the future generation of neuroinformatics infrastructure. The publications present solutions for data archiving, data processing and workflow, data mining, and system integration methodologies. Some of the systems presented are large in scale, geographically distributed, and already have a well-established user community. Some discuss opportunities and methodologies that facilitate large-scale parallel data processing tasks under a heterogeneous computational environment. We wish to stimulate on-going discussions at the level of the neuroinformatics infrastructure including the common challenges, new technologies of maximum benefit, key features of next generation infrastructure, etc. We have asked leading research groups from different research areas of neuroscience/neuroimaging to provide their thoughts on the development of a state of the art and highly-efficient neuroinformatics infrastructure. Such discussions will inspire and help guide the development of a state of the art, highly-efficient neuroinformatics infrastructure.

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.

Oracle R Enterprise: Harnessing the Power of R in Oracle Database Brendan Tierney 2016-11-04 Master the Big Data Capabilities of Oracle R Enterprise Effectively manage your enterprise 's big data and keep complex processes running smoothly using the hands-on information contained in this Oracle Press guide. Oracle R Enterprise: Harnessing the Power of R in Oracle Database shows, step-by-step, how to create and execute large-scale predictive analytics and maintain superior performance. Discover how to explore and prepare your data, accurately model business processes, generate sophisticated graphics, and write and deploy powerful scripts. You will also find out how to effectively incorporate Oracle R Enterprise features in APEX applications, OBIEE dashboards, and Apache Hadoop systems. Learn to: • Install, configure, and administer Oracle R Enterprise • Establish connections and move data to the database • Create Oracle R Enterprise packages and functions • Use the R language to work with data in Oracle Database • Build models using ODM, ORE, and other algorithms • Develop and deploy R scripts and use the R script repository • Execute embedded R scripts and employ ORE SQL API functions • Map and manipulate data using Oracle R Advanced Analytics for Hadoop • Use ORE in Oracle Data Miner, OBIEE, and other applications

OCF Oracle Database 11g New Features for Administrators Exam Guide (Exam 1Z0-050) Sam R. Alapati 2008-05-14 A Fully Integrated Study System for OCP Exam 1Z0-050 Prepare for the Oracle Certified Professional Oracle Database 11g New Features for Administrators 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 OCP objectives for exam 1Z0-050, including: Installation and upgrades Partitioning and storage Intelligent infrastructure Diagnostics and fault management Performance Oracle Recovery Manager and Oracle Flashback Security Oracle SQL Performance Analyzer SQL plan management Automatic SQL tuning On the CD-ROM: One full practice exam that simulates the actual OCP exam Detailed answers and explanations Score report performance assessment tool Complete electronic book Bonus exam available free with online registration

Oracle Big Data Handbook Tom Plunkett 2013-09-25 "Covritten by members of Oracle's big data team, [this book] provides complete coverage of Oracle's comprehensive, integrated set of products for acquiring, organizing, analyzing, and leveraging unstructured data. The book discusses the strategies and technologies essential for a successful big data implementation, including Apache Hadoop, Oracle Big Data Appliance, Oracle Big Data Connectors, Oracle NoSQL Database, Oracle Endeca, Oracle Advanced Analytics, and Oracle's open source R offerings"--Page 4 of cover.

OCF: Oracle Database 11g Administrator Certified Professional Study Guide Robert G. Freeman 2009-05-18 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.

Mastering Oracle Database 19c Part 1: Infrastructure Nilesh Kakkad 2020-03-15 This Oracle Database 19c DBA Practical Handbook is just the first part of a series of books. Since the scope of Oracle 's providence is very extensive, there is a lot to go through and explore. A thorough study of this guide will help in pertinent use of Oracle products and a great on-the-job reference for Oracle Database.

Oracle 11g Streams Implementer's Guide Ann L. R. McKinnell 2010-01-19 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 functionality that will allow you to successfully design, implement, and maintain an Oracle Streamed environment.

Oracle GoldenGate With Microservices Y. V. Ravi Kumar 2020-02-20 A step-by-step guide to practising Oracle GoldenGate High Availability (HA) options, Microservices, and Real-Time downstream techniques DESCRIPTION The book starts with a brief introduction about Oracle GoldenGate with Microservices and how to configure high availability using various methods. Oracle GoldenGate Microservices Architecture (MA) is a similar architecture based on REST APIs which enable us to configure, monitor, and manage Oracle GoldenGate services using a web-based user interface. Each module supports a specific business goal and uses a simple, lightweight, and well-defined interface to communicate with other sets of services. Oracle GoldenGate can interact with custom conflict-resolution routines that customers wish to satisfy their business rules. KEY FEATURES - Understand how and when they're used classic Vs. Microservices - Learn how to use real-time

downstream methods based on the environment - Learn how to solve Oracle GoldenGate (OGG) Conflict Detection and Resolution (CDR) in bi-directional, active replication - Learn how to implement high availability for mission-critical systems using Oracle GoldenGate - XAG components - Learn how to set up bi-directional replication between pluggable databases (PDBs) in a multi-tenant environment - Learn how to use differently typed of replicates in pluggable databases (PDBs) in a multi-tenant environment WHAT WILL YOU LEARN By the end of the book, you will come across a few case studies about how to use Microservices, Kubernetes, REST APIs in Oracle GoldenGate, and How to monitor Oracle GoldenGate processes in real-time environments. This book also helps how to use various file systems like ADFS, DBFS, and NFS in high availability for Oracle GoldenGate. WHO THIS BOOK IS FOR This book is intended for anyone looking for how to set up and configure Uni-directional, Bi-directional replication in mission-critical environments either using classic Oracle GoldenGate OR Oracle GoldenGate with Microservices. This book also helps various methods to implement real-time downstream techniques. Table of Contents 1. Introduction to Oracle GoldenGate HA - XAG Components 2. Extract and Replicate in Multitenant Environment 3. Consolidated and Cascaded Oracle GoldenGate 4. Introduction to Oracle GoldenGate Methodologies 5. Introduction to Oracle GoldenGate Utilities 6. Bi-Directional Replication with Conflict Detection and Resolution (CDR) 7. Bi-directional Replication with Pluggable Databases (PDBs) in Multitenant Environment 8. Real-Time Downstream Database with Multiple Scenarios 9. Oracle GoldenGate Microservices Architecture overview 10. Managing Oracle GoldenGate and Kubernetes 11. Automation Recipes Via Rest APIs 12. Oracle GoldenGate Tuning and Troubleshooting

Database Systems: Design, Implementation, & Management Carlos Coronel 2014-01-01 Practical and easy to understand, DATABASE SYSTEMS: DESIGN, IMPLEMENTATION, AND MANAGEMENT, Eleventh Edition, gives students a solid foundation in database design and implementation. Filled with visual aids such as diagrams, illustrations, and tables, this market-leading text provides in-depth coverage of database design, demonstrating that the key to successful database implementation is in proper design of databases to fit within a larger strategic view of the data environment. Renowned for its clear, straightforward writing style, this text provides students with an outstanding balance of theory and practice. The eleventh edition has been updated to include expanded relational algebra coverage, updated business vignettes showing the impact of database tech in the real world, updated coverage of cloud data services, expanded coverage of Big Data and related Hadoop technologies, SQL coverage expanded to include MySQL databases, and many other improvements! In addition, new review questions, problem sets, and cases have been added throughout the book so that students have multiple opportunities to test their understanding and develop real and useful design skills. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Oracle 11g New Features Brian Carr 2008 A guide to the new features of Oracle Database 11g covers such topics as architectural changes, database administration upgrades, security enhancements, and programming innovations. Oracle Database 12c Release 2 Real Application Clusters Handbook: Concepts, Administration, Tuning & Troubleshooting K. Gopalakrishnan 2018-02-27 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. Master Oracle Database 12c Release 2 Real Application Clusters with this comprehensive, fully updated guide! Now you can maintain a dynamic enterprise computing infrastructure with expert instruction from an Oracle ACE. Oracle Database 12c Release 2 Real Application Clusters Handbook: Concepts, Administration, Tuning, and Troubleshooting has been thoroughly revised and updated to cover the latest tools and features. Find out how to prepare your hardware, deploy Oracle Real Application Clusters, and integrate seamless failover protection. Troubleshooting, performance tuning, and application development are also discussed in this comprehensive Oracle Press guide. • Install and configure Oracle Database 12c Release 2 Real Application Clusters • Configure and manage disk groups using Oracle Automatic Storage Management • Work with services, voting disks, and Oracle Clusterware repository • Diagnose performance problems with Oracle Wait Interface • Look under the hood of Cache Fusion and Global Resource Directory operations • Explore the internal workings of backup and recovery in Oracle Real Application Clusters • Employ workload balancing and Transparent Application Failover • Troubleshoot Oracle Clusterware using advanced diagnostics • Develop custom Oracle Real Application Clusters applications

Oracle Database 11g Performance Tuning Recipes Sam Alapati 2011-10-18 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

Research Anthology on Big Data Analytics, Architectures, and Applications Management Association, Information Resources 2021-09-24 Society is now completely driven by data with many industries relying on data to conduct business or basic functions within the organization. With the efficiencies that big data bring to all institutions, data is continuously being collected and analyzed. However, data sets may be too complex for traditional data-processing, and therefore, different strategies must evolve to solve the issue. The field of big data works as a valuable tool for many different industries. The Research Anthology on Big Data Analytics, Architectures, and Applications is a complete reference source on big data analytics that offers the latest, innovative architectures and frameworks and explores a variety of applications within various industries. Offering an international perspective, the applications discussed within this anthology feature global representation. Covering topics such as advertising curricula, driven supply chain, and smart cities, this research anthology is ideal for data scientists, data analysts, computer engineers, software engineers, technologists, government officials, managers, CEOs, professors, graduate students, researchers, and academicians.

Intelligent Techniques for Warehousing and Mining Sensor Network Data Cuzzocrea, Alfredo 2009-12-31 This book focuses on the relevant research theme of warehousing and mining sensor network data, specifically for the database, data warehousing and data mining research communities --Provided by publisher.

Database Programming Using R Agus Kurniawan RDBMS (Relational Database Management System) data is structured in database tables, fields and records. It's a great if we can combine R and RDMS as data storage. This book helps you how to get started with Database programming using R. It uses MySQL, SQL Server and Oracle for database illustration. The following is highlight topics of the book: * Preparing Development Environment * R Configuration for Database Server * Database Table Operations (CRUD - Create, Read, Update, and Delete) * Stored Procedures * Working with Image and Binary Data * Transactions

Human Factors in Global Software Engineering Rehman, Mobashar 2019-06-28 More software engineers are likely to work in a globally distributed environment, which brings benefits that include quick and better software development, less manpower retention, scalability, and less software development cost and sharing of knowledge from the global pool of employees. However, these work environments also introduce a physical separation between team members and project leaders, which can create problems in communication and ultimately lead to the failure of the project. Human Factors in Global Software Engineering is a collection of innovative research focusing on the challenges, issues, and importance of human factors in global software engineering organizations in order to help these organizations better manage their manpower and provide an appropriate culture and technology in order to make their software development projects successful. While highlighting topics including agile software, knowledge management, and human-computer interaction, this book is ideally designed for project managers, administrators, business professionals, researchers, practitioners, students, and academicians.

Oracle Database 10g Performance Tuning Tips & Techniques Richard Niemic 2007-07-16 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, Navtek

Expert Indexing in Oracle Database 11g Dari Kuhn 2012-03-23 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

Oracle 11g For Dummies Chris Zeis 2009-01-14 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 tip-top 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 archivelog 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.

Pro Oracle Spatial for Oracle Database 11g Ravikiran Kothuri 2012-01-03 Now available in paperback --Pro Oracle Spatial for Oracle Database 11g shows how to take advantage of Oracle Databases built-in feature set for working with location-based data. A great deal of the information used in business today is associated with location in some way, and analysis of that data is becoming ever more important in today's mobile and highly connected world. In Pro Oracle Spatial for Oracle Database 11g, authors Ravi Kothuri and Albert Godfrind address: The special nature of spatial data and its role in professional and consumer applications Issues in spatial data management such as modeling, storing, accessing, and analyzing spatial data The Oracle Spatial solution and the integration of spatial data into enterprise databases 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 Pro Oracle Spatial for Oracle Database 11g, you're learning from the very best. Ravi Kothuri is a key member of Oracle's Spatial development team. Albert Godfrind consults widely with Oracle clients on the implementation of Oracle Spatial, develops training courses, and presents frequently at conferences. Together they have crafted a technically sound and authoritative fountain of information on working with spatial data in the Oracle database.

HOWTO Secure and Audit Oracle 10g and 11g Ron Ben-Natan 2009-03-10 Oracle is the number one database engine in use today. The fact that it is the choice of military organizations and agencies around the world is part of the company's legacy and is evident in the product. Oracle has more security-related functions, products, and tools than almost any other database engine. Unfortunately, the fact that these capabilities exist does not mean that they are used correctly or even used at all. In fact, most users are familiar with less than twenty percent of the security mechanisms within Oracle. Written by Ron Ben-Natan, one of the most respected and knowledgeable database security experts in the world, HOWTO Secure and Audit Oracle 10g and 11g shows readers how to navigate the options, select the right tools and avoid common pitfalls. The text is structured as HOWTOs addressing each security function in the context of Oracle 11g and Oracle 10g. Among a long list of HOWTOs, readers will learn to: Choose configuration settings that make it harder to gain unauthorized access Understand when and how to encrypt data-at-rest and data-in-transit and how to implement strong authentication Use and manage audit trails and advanced techniques for auditing Assess risks that may exist and determine how to address them Make use of advanced tools and options such as Advanced Security Options, Virtual Private Database, Audit Vault, and Database Vault The text also provides an overview of cryptography, covering encryption and digital signatures and shows readers how Oracle Wallet Manager and orapki can be used to generate and manage certificates and other secrets. While the book's seventeen chapters follow a logical order of implementation, each HOWTO can be referenced independently to meet a user's immediate needs. Providing authoritative and succinct instructions highlighted by examples, this ultimate guide to security best practices for Oracle bridges the gap between those who install and configure security features and those who secure and audit them.

Oracle WebLogic Server 11g Administration Handbook Sam R. Alapati 2011-09-22 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

Analytic SQL in SQL Server 2014/2016 Riadh Ghala 2019-08-20 Business Intelligence (BI) has emerged as a field which seeks to support managers in decision-making. It encompasses the techniques, methods and tools for conducting analytically-based IT solutions, which are referred to as OLAP (OnLine Analytical Processing). Within this field, SQL has a role as a leader and is continuously evolving to cover both transactional and analytical data management. This book discusses the functions provided by Microsoft® SQL Server 2014/2016 in terms of business intelligence. The analytic functions are considered as an enrichment of the SQL language. They combine a series of practical functions to answer complex analysis requests with all the simplicity, elegance and acquired performance of the SQL language. Drawing on the wide experience of the author in teaching and research, as well as insights from contacts in the industry, this book focuses on the issues and difficulties faced by academics (students and teachers) and professionals engaged in data analysis with the SQL Server 2014/2016 database management system.

Secret Oracle - Unleashing the Full 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 track 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 R2 Step-By-Step Installation Guide Sideris Courseware Corporation 2014-05-14 A major prerequisite for the usage and deployment of Oracle database technology is a successful installation. The purpose of this Oracle 11g training course module is to offer a step-by-step guide for the configuration of a Linux or Microsoft Windows server to host an Oracle database Enterprise Edition installation. Especially in a Linux environment installation of the database requires careful preparation, configuration and sometimes troubleshooting in order to succeed. This course includes practical tips learned from many real-world installations which can assist you to achieve a successful installation in your environment. We will explore both a standalone database installation and also a grid infrastructure installation. Major objectives covered within this guide book include: - Configuration of the Linux and Microsoft Windows operating systems in anticipation of a database installation; Performing a Desktop Class installation of the Oracle 11g R2 Enterprise Edition database; - Performing a Server Class installation of the Oracle 11g R2 Enterprise Edition database; - Addressing configuration and setup issues using the FixUp utility; - Verification of a valid database installation; Database administrator and technical support interface options, including the use of Enterprise Manager, command-line SQL*Plus, and terminal console SSH; - Preparing a host system for the Grid Infrastructure and Oracle RDBMS installations and performing those installations; - Preparing a host system for ASM storage management; - Partitioning and configuration of storage devices for ASM storage on both Linux and MS Windows servers; While this course module applies specifically to the installation of the Enterprise Edition of the Oracle database, it covers basic topics which apply to any Oracle software installation. Therefore, this material is also useful for the installation of other Oracle products such as the Oracle Database Client, specialized options for a database server installation, and so on.

SQL Bible Alex Kriegl 2008-04-07 Combining theory with everyday practicality, this definitive volume is packed with the up-to-date information, new features, and explanations you need to get the very most out of SQL and its latest standard. The book is unique in that every chapter highlights how the new SQL standard applies to the three major databases, Oracle 11g, IBM DB2 9.5, and Microsoft SQL Server 2008. The result is a comprehensive, useful, and real-world reference for all SQL users, from beginners to experienced developers.

Expert Oracle GoldenGate Ben Prusinski 2011-10-07 Expert Oracle GoldenGate is a hands-on guide to creating and managing complex data replication environments using the latest in database replication technology from Oracle. GoldenGate is the future in replication technology from Oracle, and aims to be best-of-breed. GoldenGate supports homogeneous replication between Oracle databases. It supports heterogeneous replication involving other brands such as Microsoft SQL Server and IBM DB2 Universal Server. GoldenGate is high-speed, bidirectional, highly-parallelized, and makes only a light impact on the performance of databases involved in replication. The authors share their experience in the form of tutorials on designing and implementing all types of Oracle GoldenGate environments. You'll learn methods for tuning Oracle GoldenGate performance. You'll discover GoldenGate's utility as a migration and extract, transform, load (ETL) tool. You'll learn how to configure highly-available environments involving GoldenGate, Real Application Clusters, and Data Guard. From installation to design to implementation and troubleshooting, Expert Oracle GoldenGate helps you master all aspects of using and applying Oracle GoldenGate as the replication tool of choice in your environment. Explains all aspects of using GoldenGate for replication Covers homogeneous, heterogeneous, and bidirectional replication Shows the use of GoldenGate for data

migration and extract, transform, load (ETL)

Oracle 11g R1/R2 Real Application Clusters Essentials Ben Prusinski 2011-05-23 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.

Pro Oracle Database 11g RAC on Linux Julian Dyke 2011-01-11 Pro Oracle Database 11g RAC on Linux provides full-life-cycle guidance on implementing Oracle Real Application Clusters in a Linux environment. Real Application Clusters, commonly abbreviated as RAC, is Oracle's industry-leading architecture for scalable and fault-tolerant databases. RAC allows you to scale up and down by simply adding and subtracting inexpensive Linux servers. Redundancy provided by those multiple, inexpensive servers is the basis for the failover and other fault-tolerance features that RAC provides. Written by authors well-known for their talent with RAC, Pro Oracle Database 11g RAC on Linux gives you a rock-solid and technically flawless foundation on which to build your RAC-management skills. Authors Julian Dyke and Steve Shaw share their hard-won experience in building RAC clusters, showing you how to build for success using the very latest Oracle technologies, such as Automatic Storage Management (ASM) and Oracle Clusterware. You'll learn to troubleshoot performance and other problems. You'll even learn how to correctly deploy RAC in a virtual-machine environment based upon Oracle VM, which is the only virtualization solution supported by Oracle Corporation. RAC is a complex and powerful technology. It demands expertise in its deployment. You can't just "wing it" in creating a RAC solution. Julian and Steve have earned the right to term themselves expert—in Pro Oracle Database 11g RAC on Linux, they offer a rigorous and technically-correct treatment of RAC that helps you build a solid foundation of expertise and achieve success. Rigorous and technically accurate content Complete coverage of RAC, from planning to implementation to rollout to ongoing maintenance and troubleshooting Up-to-date with the very latest RAC features

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