

# Oracle 10g Release 2 Installation Guide

Oracle Essbase & Oracle OLAPPro Oracle Database  
10g RAC on LinuxOracle 11G Administration In Simple  
StepsOracle Database 11g Release 2 Performance  
Tuning Tips & TechniquesOracle Database  
Performance and ScalabilityOCA Oracle Application  
Server 10g Administrator Exam Guide (Exam  
1Z0-311)Pro Oracle Spatial for Oracle Database  
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ProgrammingEasy HTML-DB Oracle Application  
ExpressOracle PL/SQL for DBAsMastering Oracle SQL  
and SQL\*PlusSecret Oracle - Unleashing the Full  
Potential of the Oracle DBMS by Leveraging  
Undocumented FeaturesExpert Oracle Enterprise  
Manager 12cOracle PL/SQL ProgrammingOracle  
Database 11g Release 2 High Availability: Maximize  
Your Availability with Grid Infrastructure, RAC and  
Data GuardOracle Enterprise Manager 10g Grid  
Control Implementation GuideOracle Backup and  
Recovery: Expert Secrets for Using RMAN and Data  
PumpOracle 10g RAC Grid, Services and  
ClusteringOracle JDeveloper 10g for Forms & PL/SQL  
Developers: A Guide to Web Development with Oracle  
ADFExpert Consolidation in Oracle Database  
12cHands-On Oracle Database 10g Express Edition for  
WindowsOCA Oracle Application Server 10g  
Administration I Study GuideThe Testing  
NetworkOracle EssentialsPro Oracle Database 11g  
RAC on LinuxOracle PL/SQL by ExampleOracle  
Database 11g New FeaturesExperiences with Oracle®  
10gR2 Solutions on Linux for IBM System zHands-On

Oracle Database 10g Express Edition for LinuxExpert  
Oracle Database 10g AdministrationOCP Oracle  
Database 11g New Features for Administrators Exam  
Guide (Exam 1Z0-050)Personal Oracle RAC  
ClustersIBM Cognos InsightSecrets of the Oracle  
DatabaseOracle on LinuxONEOracle Database 10g  
Linux AdministrationPro Oracle Database 11g RAC on  
LinuxTroubleshooting Oracle PerformanceOracle  
Database 10g Insider SolutionsOracle Database 12c  
Release 2 Real Application Clusters Handbook:  
Concepts, Administration, Tuning & Troubleshooting

### **Oracle Essbase & Oracle OLAP**

This book takes a practical tutorial approach to teaching users the features of Cognos Insight. New and existing users of Cognos Insight who are looking to gain more knowledge about the product and Business Analytics in general.

### **Pro Oracle Database 10g RAC on Linux**

FOREWORD by Tom Kyte Your Must-Have Guide to Everything New in Oracle Database 11g Realize the full potential of Oracle Database 11g with help from the experts. Written by Robert G. Freeman, and with insightful commentary throughout from Arup Nanda, this Oracle Press guide offers full details on the architectural changes, database administration upgrades, availability and recovery revisions, security enhancements, and programming innovations. Every new and updated feature is covered and presented

with screenshots, code samples, tables, and charts. Find out how to take full advantage of all the new and improved capabilities of Oracle Database 11g, including: New Oracle Automatic Storage Management features, such as Fast Disk Resync, Compatibility Attributes, Preferred Mirror Read, and Rolling Upgrade components Improved Automated Memory Management capabilities New database design features, such as virtual columns, tablespace encryption, and true table-level data compression New Database Advisors for data recovery and repair, partitioning, and streams performance New tuning features, such as Automatic SQL Tuning and SQL Performance Analyzer Enhancements to Oracle RMAN, including active database duplication and UNDO backup optimization Improved auditing and security capabilities Advanced BI, data warehousing, and partitioning features New SQL and PL/SQL enhancements

### **Oracle 11G Administration In Simple Steps**

A comprehensive resource for Oracle professionals furnishes essential information on best practices, tips, and techniques of debugging, installation, deployment, and tuning of the Oracle 10g database; describes the new features of the Oracle database; and offers useful suggestions on customization, memory management, recovery, utilities and advanced features, and more. Original. (Intermediate/Advanced)

## **Oracle Database 11g Release 2 Performance Tuning Tips & Techniques**

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.

## **Oracle Database Performance and Scalability**

Oracle Database 12c running on Linux is available for deployment on IBM® LinuxONE. The enterprise-grade Linux on LinuxONE solution is designed to add value to Oracle Database solutions, including the new functions that are introduced in Oracle Database 12c. In this IBM Redbooks® publication, we explore the IBM and Oracle Alliance and describe how Oracle Database benefits from LinuxONE. We then explain how to set up Linux guests to install Oracle Database 12c. We also describe how to use the Oracle Enterprise Manager Cloud Control Agent to manage Oracle Database 12c Release 1. Additionally, we discuss encryption for Oracle using Oracle Transparent Data Encryption (TDE) on Oracle 12c Release 2. We also describe a successful consolidation project from sizing to migration, performance management topics, and high availability. Finally, we end with a chapter about surrounding Oracle with Open Source software. The audience for this publication includes database consultants, installers, administrators, and system programmers. This publication is not meant to replace Oracle documentation, but to supplement it with our experiences while installing and using Oracle products.

### **OCA Oracle Application Server 10g Administrator Exam Guide (Exam 1Z0-311)**

Implement Proven Database Optimization Solutions Systematically identify and eliminate database performance problems with help from Oracle Certified

Master Richard Niemiec. Filled with real-world case studies and best practices, Oracle Database 11g Release 2 Performance Tuning Tips & Techniques details the latest monitoring, troubleshooting, and optimization methods. Find out how to find and fix bottlenecks, configure storage devices, execute effective queries, and develop bug-free SQL and PL/SQL code. Testing, reporting, and security enhancements are also covered in this Oracle Press guide. Properly index and partition Oracle Database 11g Release 2 Work with Oracle Exadata and Oracle Exalogic Elastic Cloud Efficiently manage disk drives, RAID arrays, and memory Tune queries with Oracle SQL hints and the TRACE utility Troubleshoot databases using V\$ views and X\$ tables Distribute workload using Oracle Real Application Testing Generate reports using Oracle's Statspack and Automatic Workload Repository tools Use sar, vmstat, and iostat to monitor system statistics "This is a timely update of Rich's classic book on Oracle Database performance tuning to cover hot new topics like Oracle Database 11g Release 2 and Oracle Exadata. This is a must-have for DBAs moving to these new products." --Andrew Mendelsohn, Senior Vice President, Oracle Database Server Technologies

## **Pro Oracle Spatial for Oracle Database 11g**

For the past ten years, O'Reilly's Oracle PL/SQL Programming has been the bestselling book on PL/SQL, Oracle's powerful procedural language. Packed with examples and helpful recommendations,

the book has helped everyone--from novices to experienced developers, and from Oracle Forms developers to database administrators--make the most of PL/SQL. The fourth edition is a comprehensive update, adding significant new content and extending coverage to include the very latest Oracle version, Oracle Database 10g Release 2. It describes such new features as the PL/SQL optimizing compiler, conditional compilation, compile-time warnings, regular expressions, set operators for nested tables, nonsequential collections in FORALL, the programmer-defined quoting mechanism, the ability to backtrace an exception to a line number, a variety of new built-in packages, and support for IEEE 754 compliant floating-point numbers. The new edition adds brand-new chapters on security (including encryption, row-level security, fine-grained auditing, and application contexts), file, email, and web I/O (including the built-in packages DBMS\_OUTPUT, UTL\_FILE, UTL\_MAIL, UTL\_SMTP, and UTL\_HTTP) and globalization and localization. Co-authored by the world's foremost PL/SQL authority, Steven Feuerstein, this classic reference provides language syntax, best practices, and extensive code, ranging from simple examples to complete applications--making it a must-have on your road to PL/SQL mastery. A companion web site contains many more examples and additional technical content for enhanced learning.

### **Oracle Database 10g Express Edition PHP Web Programming**

Expert Consolidation in Oracle Database 12c is your

key to reducing data management costs and increasing data center efficiency. Consolidation and cloud computing are converging trends sweeping the industry. The same technologies enabling cloud computing enable consolidation as well, leading to savings on all fronts from the amount of power used for servers to the amount of floor space consumed to the number of administrators needed to manage an installation. Yet the consolidation process can be a long and winding road. Success requires planning, and consideration to the impacts on supporting infrastructure. Expert Consolidation in Oracle Database 12c guides you through planning and implementing a consolidated Oracle Database installation using the many new features built into the latest release of Oracle's database management system. You'll learn to identify candidates for consolidation and to recognize instances that are best left stand-alone. The book guides in working with clustered systems and ASM storage in the consolidated environment. Focus is given to Oracle Enterprise Manager 12c Cloud Control as a monitoring and management dashboard. Always the goal is to drive towards a cost-effective environment that is efficient both in technology and people. Focuses on the new consolidation features in Oracle Database 12c Helps you evaluate and correctly decide when to consolidate Leads to cost savings and improved data center efficiency

### **Easy HTML-DB Oracle Application Express**

The fastest way to get up and running on Oracle Database XE Take full advantage of all the powerful features available in Oracle Database 10g Express Edition with help from this easy-to-follow Oracle Press guide. Hands-On Oracle Database 10g Express Edition for Linux shows you, step by step, how to set up, administer, tune, troubleshoot, and secure a robust database system. You will also learn to use PL/SQL and Oracle Application Express to build custom database applications. Get started today with the Oracle database that's free to develop, deploy, and distribute.

### **Oracle PL/SQL for DBAs**

The innovative performance and scalability features with each newer edition of the Oracle database system can present challenges for users. This book teaches software developers and students how to effectively deal with Oracle performance and scalability issues throughout the entire life cycle of developing Oracle-based applications. Using real-world case studies to deliver key theories and concepts, the book introduces highly dependable and ready-to-apply performance and scalability optimization techniques, augmented with Top 10 Oracle Performance and Scalability Features as well as a supplementary support website.

### **Mastering Oracle SQL and SQL\*Plus**

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

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

Start developing applications with Oracle PL/SQL-fast! This integrated book-and-Web learning solution teaches all the Oracle PL/SQL skills you need, hands on, through real-world labs, extensive examples, exercises, projects, and a complete Web-based training site. Oracle PL/SQL by Example, Third Edition covers Oracle 10G and all the fundamentals: Master PL/SQL syntax, iterative and conditional control, scoping, anchored datatypes, cursors, triggers, security, tables, procedures, functions, packages and Oracle-supplied packages-plus powerful new techniques for working with exceptions, cursors, collections, and records. Your free Web-based training module includes a Virtual Study Lounge where you can interact with other learners, work on new projects, and get updates! Totally integrated with a FREE, state-of-the-art Oracle 10G learning Web site! Every Prentice Hall Oracle Interactive Workbook is fully integrated with its own exclusive Web site, giving you all this and more: "Test Your Thinking" project solutions and detailed explanations Additional self-review exercises with instant feedback and explanations An exclusive Virtual Study Lounge where you can interact with other students! Just the facts! No endless, boring discussions here! You'll learn hands on, through practical exercises, self-review questions, and real-world answers. Exclusive "Test Your Thinking" projects guarantee you'll go beyond rote knowledge to really master the subject! It's an

integrated learning system that's proven to work!

### **Expert Oracle Enterprise Manager 12c**

"The Testing Network" presents an integrated approach to testing based on cutting-edge methodologies, processes and tools in today's IT context. It means complex network-centric applications to be tested in heterogeneous IT infrastructures and in multiple test environments (also geographically distributed). The added-value of this book is the in-depth explanation of all processes and relevant methodologies and tools to address this complexity. Main aspects of testing are explained using TD/QC - the world-leader test platform. This up-to-date know-how is based on real-life IT experiences gained in large-scale projects of companies operating worldwide. The book is abundantly illustrated to better show all technical aspects of modern testing in a national and international context. The author has a deep expertise by designing and giving testing training in large companies using the above-mentioned tools and processes. "The Testing Network" is a unique synthesis of core test topics applied in real-life.

### **Oracle PL/SQL Programming**

A guide for Oracle DBAs who are too busy to build a clustered server environment to learn about Oracle's Real Application Cluster technology, this book allows DBAs to build and configure a Real Application Cluster quickly and inexpensively. Covers how to find the

right hardware to build an at-home RAC, where to get Linux and how to set it up, how to install the Oracle Cluster Manager, and how to create the RAC database.

### **Oracle Database 11g Release 2 High Availability: Maximize Your Availability with Grid Infrastructure, RAC and Data Guard**

\* Only book on the market to actually show you how to build an Oracle RAC cluster on Linux. \* Author expertise & quality: Steve Shaw's Hammerora project is one of the most visited sites in SourceForge.net. Julian Dyke is Chair of UK Oracle User Group RAC SIG and a member of the Oak Table Network. \* Based on latest Oracle release (10g R2) which we anticipate being the release where the largest number of customers migrate from existing single instance databases to RAC clusters. \* Linux is highest growth sector in relational database market and Oracle has 69% of that market (Gartner).

### **Oracle Enterprise Manager 10g Grid Control Implementation Guide**

\*Ideal for anyone who wants to learn SQL programming for Oracle database. \*Author has 25 years of teaching experience; 14 years of curriculum development experience; 14 years of experience with the Oracle database. \*Book can be used as collateral/handouts for SQL training courses at universities/ high schools.

## **Oracle Backup and Recovery: Expert Secrets for Using RMAN and Data Pump**

A Comprehensive, Fully Integrated Study System  
Prepare for the Oracle Certified Administrator Oracle Application Server 10g exam with help from this exclusive Oracle Press guide. Get complete coverage of all topics on the exam 1Z0-311, including installation, configuration, and management of Oracle Application Server 10g, as well as details on Oracle Internet Directory, Oracle HTTP Server, Oracle Single Sign-On Server, Oracle Portal, Oracle Application Server Containers for J2EE (OC4J), and Oracle Web Cache. In each chapter, you'll find certification objectives, examples, a two-minute drill, and a self-test to highlight what you've learned. This book and CD-ROM package is the most comprehensive preparation tool available for this OCA exam. Ideal as both an exam guide and an on-the-job Oracle Application Server 10g reference All official Oracle OCA objectives for exam 1Z0-311 are covered in detail Two-minute drills reinforce knowledge Exam Readiness checklist at the front of the book--you're ready for the exam when all objectives on the list are checked off 200+ simulated exam questions match the format, topics, and difficulty of the real exam 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

## **Oracle 10g RAC Grid, Services and**

### **Clustering**

This comprehensive guide has been fully updated to cover the latest features and tools of Oracle Real Application Clusters 12c Through clear instruction and detailed examples, Oracle Database 12c Real Application Clusters Handbook: Concepts, Administration, Tuning & Troubleshooting teaches how to build, configure, and maintain a dynamic enterprise computing infrastructure. This thoroughly revised edition covers best uses for the latest tools and features—all from the practical standpoint of a working DBA. You will discover how to prepare hardware, configure the software, optimize data integrity, and integrate seamless failover protection. Brand-new flex and large cluster technologies are explained in full detail, and readers will get complete solutions for securing data and continuing business operations in the event of hardware failure. Presents all the new information needed to effectively use Oracle Real Application Clusters 12c -considered the most radical overhaul ever Offers detailed coverage of troubleshooting, performance tuning, and application development

### **Oracle JDeveloper 10g for Forms & PL/SQL Developers: A Guide to Web Development with Oracle ADF**

Secret ORACLE is the definitive guide to undocumented and partially documented features of the ORACLE database server. This book will improve your efficiency as an ORACLE database administrator

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

### **Expert Consolidation in Oracle Database 12c**

Complete coverage of the exam objectives, hands-on exercises, review questions, and more, this is the first and only book to offer such in-depth coverage of this challenging exam Takes into consideration that candidates must not only know how to install and configure Oracle Application Server 10g, but how to use the robust tool set, including Oracle HTTP Server and OracleAS Portal The book features an interactive CD-ROM, including the Sybex Test Engine with chapter review questions and bonus exams, a series of flash cards that can be used on a PC or handheld, and an e-version of the book Note: CD-ROM/DVD and

other supplementary materials are not included as part of eBook file.

### **Hands-On Oracle Database 10g Express Edition for Windows**

Install and configure Oracle Database 10g on a Linux enterprise platform. This book explains how to set up, administer, monitor, and tune Oracle Database 10g on Linux. You will also learn how to implement High Availability solutions as well as handle backup, recovery, and replication. This exclusive Oracle Press guide is the ideal resource for all Oracle DBAs working in a Linux environment.

### **OCA Oracle Application Server 10g Administration I Study Guide**

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

### **The Testing Network**

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 Essentials**

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

### **Pro Oracle Database 11g RAC on Linux**

### **Oracle PL/SQL by Example**

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

### **Oracle Database 11g New Features**

Leverage Oracle Database 11g Release 2 High Availability Features Protect your critical business assets and achieve maximum database uptime using the detailed information in this Oracle Press guide. Oracle Database 11g Release 2 High Availability: Maximize Your Availability with Grid Infrastructure, Oracle Real Application Clusters, and Oracle Data Guard, Second Edition provides cost-effective solutions to current availability challenges. Discover how to grid-enable your IT framework, roll out Oracle Real Application Clusters, maintain standby databases, and deploy Oracle Flashback. Monitoring, tuning, and disaster recovery techniques are also covered in this comprehensive resource. Install Oracle Clusterware (as part of Oracle's grid infrastructure) or upgrade from an earlier version Build test clusters and hosts using Oracle VM Work with Oracle Automatic Storage Management and Oracle Automatic Storage Management Cluster File System Create synchronized standby databases using Oracle Data Guard Reliably archive and restore data with Oracle Recovery Manager Use Oracle Flashback to identify and undo user errors Configure Oracle Enterprise Manager Grid Control for management of an Oracle maximum availability architecture environment

### **Experiences with Oracle® 10gR2**

## **Solutions on Linux for IBM System z**

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

## **Hands-On Oracle Database 10g Express Edition for Linux**

Grid architecture is Oracle's strategy for high-end computing and RAC is the stepping stone into this arena. This book focuses on current technology including all valid RAC features up through Oracle Database 10g Release 2, with a primary focus on deploying it in a high-end grid environment. The book

discusses this technology at length which users will find beneficial when researching, implementing or monitoring a RAC environment. The author covers workshop implementation of services and the distribution of workload across instances, with threshold definitions and the new load balancing algorithms. In addition it includes detailed discussions on ASM that complements the implementation of RAC in Oracle Grid strategy. The book also includes discussions on new Oracle Clusterware, its components and its integration with RAC. Oracle 10g RAC focuses on RAC-specific topics including ASM, operating system configuration, installation and configuration of RAC and much more. Coverage includes network configuration for high availability, FAN, TAF, ONS, implementation of maximum availability architecture (MAA), EM Grid Control, AWR, ADDM and other performance-related tools. The author includes several scripts for performance tuning and implementation that the reader can use to configure a RAC environment either on a 2, 4, 8, 60 or 99 node configuration. Focuses on implementing, testing and tuning features of Real Application Clusters (RAC) database version 10g Release 2 Provides extensive coverage of usage, day-to-day functions and operations Includes tips and techniques such as script samples to illustrate various features of RAC A jumpstart into all the key features of 10g R2 RAC

### **Expert Oracle Database 10g Administration**

The fastest way to get up and running on Oracle Database XE Take full advantage of all the powerful features available in Oracle Database 10g Express Edition with help from this easy-to-follow Oracle Press guide. Hands-On Oracle Database 10g Express Edition for Windows shows you, step by step, how to set up, administer, tune, troubleshoot, and secure a robust database system. You will also learn to use PL/SQL and Oracle Application Express to build custom database applications. Get started today with the Oracle database that's free to develop, deploy, and distribute.

### **OCP Oracle Database 11g New Features for Administrators Exam Guide (Exam 1Z0-050)**

This book contains the step by step information about the Oracle 11g database Administration. This book is for you if you are familiar with SQL and are looking for a book that effectively explains the concepts of the Oracle 11g database Administration. It gives the core information about administering the Oracle 11g database using the new and improved Enterprise Manager GUI. The book contains lots of examples and helps you to perform the Oracle 11g administration in an easier way. You will also find information about the Grid Architecture in this book.

### **Personal Oracle RAC Clusters**

The only book to cover and compare Oracle's online analytic processing products With the acquisition of

Hyperion Systems in 2007, Oracle finds itself owning the two most capable OLAP products on the market--Essbase and the OLAP Option to the Oracle Database. Written by the most knowledgeable experts on both Essbase and Oracle OLAP, this Oracle Press guide explains how these products are similar and how they differ. Oracle Essbase & Oracle OLAP will help you architect the Oracle OLAP product that is most appropriate for your application, and build, tune, and maintain OLAP solutions.

### **IBM Cognos Insight**

Enterprise Manager 12c (EM12c), Oracle's newest and fully-integrated enterprise management product, now provides a complete cloud lifecycle management solution and enterprise environment management interface. Expert Oracle Enterprise Manager 12c opens up the secrets of this incredible management tool, saving you time while enhancing your visibility as someone management can rely upon to deliver reliable database service in today's increasingly chaotic and change-driven IT environment. Expert Oracle Enterprise Manager 12c covers all the topics you demand and need to function effectively, from basic monitoring and configuration to advanced metric extensions and plugins. Real-life scenarios and demonstrations place you in the comfort zone of using the EM12c console, and the experienced author team provides deep understanding of the inner workings of this new Enterprise Manager. Database administrators and system administrators are expected to offer increasing levels of service for 24X7

systems and newer cloud environments. Em12c offers robust, end-to-end intelligent management of the complete environment. It includes direct, real-time integration with Oracle's online knowledgebase. Expert Oracle Enterprise Manager 12c helps you master this important tool and manage any challenge that comes your way. Provides example solutions to everyday problems through EM12c features. Explains the changes in EM12c, included trusted extensions. Focuses on advanced aspects of the EM12c interface.

### **Secrets of the Oracle Database**

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 on LinuxONE**

The most efficient way to learn J2EE programming

techniques Two Oracle experts demonstrate techniques for working within J2EE and JDeveloper for the thousands of developers currently using Oracle Forms and the PL/SQL language. Oracle is shifting their focus towards Java technologies, so you will need to know how to use the Java-based J2EE and JDeveloper. The book includes explanations of the Application Development Framework (ADF). Throughout, high-level and low-level Forms concepts are related to Java concepts so that you can become comfortable with the new terminology. Covers the new components required when developing and deploying a J2EE application Special mentions in the text describe how JDeveloper techniques translate to PL/SQL or Oracle Forms Covers JDeveloper 10.1.3 and ADF Faces All code and examples will be available online

### **Oracle Database 10g Linux Administration**

Focused squarely on the language topics of special concern to DBAs, this text contains a quick tour of the PL/SQL language, extensive coverage of security topics, and methods for DBAs to improve query and database performance with cursors and table functions.

### **Pro Oracle Database 11g RAC on Linux**

Install and Configure Grid Control to Manage Your Oracle Landscape Build a robust grid computing infrastructure with guidance from an Oracle expert

who developed and taught the Grid Control Deep Dive class to Oracle Consulting. Featuring real-world examples and best practices, Oracle Enterprise Manager 10g Grid Control Implementation Guide explains how to reliably and cost-effectively deploy a dynamic Grid Control environment. Learn how to lay the preinstallation groundwork, configure targets for monitoring, create services, implement security, and fine-tune performance. You'll also get full coverage of backup and recovery strategies and high-availability techniques. Prepare infrastructure hosts for Grid Control rollout Install the Oracle management repository, service, and agents Select the Grid Control installation options that fit your needs Discover and manage host, database, and application server targets Set target metrics and policies according to best practices Optimize performance and availability of your Grid Control framework Secure the Grid Control framework to protect data transmitted between components

### **Troubleshooting Oracle Performance**

Backup and recovery are mission-critical DBA tasks, and it is critical that every Oracle professional develop a RMAN strategy that guarantees recoverability while minimizing unplanned downtime. RMAN is one of the world's most sophisticated backup and recovery tools. It is robust and complex with thousands of options. This landmark book demonstrates, by example, how to create a successful backup and recovery infrastructure using RMAN. This book also contains links to RMAN video tutorials and a

download of working RMAN scripts to guide users through full automation of a backup strategy. Together, backup and recovery are the single most important combined DBA activity, and it is crucial that you master the RMAN and Data Pump Import utilities to protect against catastrophic data loss. Written by practicing Oracle DBAs with years of RMAN experience, this is a pragmatic approach to RMAN, focusing less on theory and more on real-world, practical RMAN tools, tips and techniques. This Oracle backup and recovery book is unique because it provides real-world examples on how to use RMAN and other tools to protect your mission critical data. Even with reliable mirrored disks, your important Oracle database is still at-risk from software corruption, user error and hardware failures. This book details Oracle RMAN best practices and shows the best ways to minimize backup and recovery time, which is critical for maximizing system availability. This is the definitive RMAN reference that guides you, step-by-step, through all of the techniques for Oracle backup and recovery, from simple cold backups to complex incremental backups. Experienced RMAN experts guide you through the installation, setup and configuration for a complete RMAN backup and recovery infrastructure using proven techniques and Oracle best practices. Best of all, you be given the opportunity to learn from supplemental video tutorials and working examples how to recover from every possible data scenario. This book has step-by-step checklists that you can follow to guide you through a complex recovery with minimal unplanned system outages. This is an indispensable RMAN reference for every professional DBA who needs to ensure that they

understand every possible backup and recovery strategy. It also contains a download of working RMAN scripts to help you easily automate and monitor your RMAN backups.

### **Oracle Database 10g Insider Solutions**

When your database application isn't running fast enough, troubleshooting is usually your first move. Finding the slow part of an application is often easy, but discovering a solution can prove much more difficult. Troubleshooting Oracle Performance helps by providing a systematic approach to addressing the underlying causes of poor database application performance. Written for developers by an application developer who has learned by doing, this book shows you how to plan for performance as you would for any other application requirement.

### **Oracle Database 12c Release 2 Real Application Clusters Handbook: Concepts, Administration, Tuning & Troubleshooting**

This IBM Redbooks publication describes experiences gained while installing and testing several Oracle® solutions, such as: - Single Instance of Oracle Database 10gR2 - Including sharing ORACLE\_HOME and Cloning Oracle databases - RAC Instance of Oracle Database 10gR2 using raw devices, block devices, or OCFS2 files - Oracle E-Business Suite 11.5.10.2 with a split configuration database on Linux on System z - Oracle AS10g Interested readers

include database consultants, installers, administrators, and system programmers. This book is not meant to replace Oracle documentation; it documents our experiences installing Oracle products.

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