

Oracle Database 12c DbA Handbook Oracle Press

Provides beginning DBAs and developers with a solid foundation in the database administration and programming basics needed to embark on an Oracle career. The focus is on Oracle Database 10g, but you'll get the fundamentals applicable to all Oracle database releases.

Learn how to define strategies for cloud adoption of your Oracle database landscape. Understand private cloud, public cloud, and hybrid cloud computing in order to successfully design and manage databases in the cloud. The Cloud DBA-Oracle provides an overview of Database-as-a-Service (DBaaS) that you can use in defining your cloud adoption strategy. In-depth details of various cloud service providers for Oracle database are given, including Oracle Cloud and Amazon Web Services (AWS). Database administration techniques relevant to hosting databases in the cloud are shown in the book as well as the technical details needed to perform all database administration tasks and activities, such as migration to the cloud, backup in the cloud, and new database setup in the cloud. You will learn from real-world business cases and practical examples of administration of Oracle database in the cloud, highlighting the challenges faced and solutions implemented. What you will learn: Cloud computing concepts from the DBA perspective, such as private cloud, public cloud, hybrid cloud Technical details of all aspects of cloud database administration Challenges of databases in private cloud or database migration to public cloud Key points to be kept in mind during database administration in the cloud Practical examples of successful Oracle database cloud migration and support Who Is This Book For All levels of IT professionals, from executives responsible for determining database strategies to database administrators and database architects who manage and design databases.

Ideal for all new and experienced DBAs who need to learn to manage a networked Oracle database system efficiently and effectively, this book provides tips on management, tuning, maintaining security, backup, and tools. It details networking Oracle, and pays special attention to the Oracle Optimizer.

A thorough reference on database administration outlines a variety of DBA roles and responsibilities and discusses such topics as data modeling and normalization, database/application design, change management, database security and data integrity, performance issues, disaster planning, and other essentials. Original. (Advanced)

Oracle Database 10g: A Beginner's Guide

Oracle Database 12c DbA Handbook

Oracle Database 12c SQL

Oracle on VMware

Oracle Exadata Expert's Handbook

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 offered by Oracle.

*Write Powerful SQL Statements and PL/SQL Programs Learn how to access Oracle databases through SQL statements and construct PL/SQL programs. Oracle Database 12c SQL offers complete coverage of the latest database features and techniques. Find out how to write SQL statements to retrieve and modify database information, use SQL*Plus and SQL Developer, work with database objects, write PL/SQL programs, use performance optimization techniques, incorporate XML, and more. This Oracle Press guide contains everything you need to know to master SQL. Use SQL statements to access an Oracle database Work with SQL*Plus and SQL Developer Write PL/SQL programs Create tables, sequences, indexes, views, and triggers Design advanced queries containing complex calculations Create database objects to handle abstract data Use date, time stamp, and time interval data types Establish user roles and privileges Handle multimedia files using large objects Tune SQL statements to make them execute faster Generate, process, and store XML data Master the very latest Oracle Database 12c features Code examples in the book are available for download.*

Demystifying the power of the Oracle 12c database The Oracle database is the industry-leading relational database management system (RDBMS) used from small companies to the world's largest enterprises alike for their most critical business and analytical processing. Oracle 12c includes industry leading enhancements to enable cloud computing and empowers users to manage both Big Data and traditional data structures faster and cheaper than ever before. Oracle 12c For Dummies is the perfect guide for a novice database administrator or an Oracle DBA who is new to Oracle 12c. The book covers what you need to know about Oracle 12c architecture, software tools, and how to successfully manage Oracle databases in the real world. Highlights the important features of Oracle 12c Explains how to create, populate, protect, tune, and troubleshoot a new Oracle database Covers advanced Oracle 12c technologies including Oracle Multitenant—the "pluggable database" concept—as well as several other key changes in this release Make the most of Oracle 12c's improved efficiency, stronger security, and simplified management capabilities with Oracle 12c For Dummies.

Successfully meeting the challenges of combining VMware and Oracle, this comprehensive reference provides a broad spectrum of technological recommendations that demonstrate how to reliably and consistently achieve optimal configuration and maximum performance for any virtualized Oracle database scenario. The guide includes the best practices for virtualized servers, suggested virtualization server configuration, and recommendations for client operating system configuration for Oracle in a virtualized world. With real-world examples and highly applicable advice, this handbook also details the complexities of designing, configuring, maintaining, and tuning Oracle database deployments, making it a complete compendium for keeping virtualized Oracle databases in top form.

Oracle DBA Handbook

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

The Complete Reference

Pro Oracle GoldenGate for the DBA

Oracle Big Data Handbook

A Complete Study System for OCA Exam 120-821 Prepare for the Oracle Certified Associate Oracle Solaris 11 System Administration exam with help from this exclusive Oracle Press guide. In each chapter, you'll find challenging practice questions, a two-minute drill, and a chapter summary to highlight what you've learned. This authoritative resource will help you pass the test and will serve as your essential on-the-job reference. Get complete coverage of all OCA objectives for exam 120-821, including: Installing Oracle Solaris 11 Managing boot environments Understanding ZFS and other Oracle Solaris file systems Securing systems and files Managing users, groups, and processes Administering the Services Management Facility (SMF) Configuring additional storage Adding and updating Oracle Solaris software Monitoring the system with logging Administering process and kernel crash data Managing network resources Administering Oracle Solaris Zones Electronic content includes: Two practice exams with detailed answers and explanations

Written by veteran Oracle database administrator Iggy Fernandez, a regular on the Oracle conference circuit and the editor of NoCDB Journal, is a manageable introduction to key Oracle database administration topics including planning, installation, monitoring, troubleshooting, maintenance, and backups, to name just a few. As is clear from the table of contents, this book is not simply a recitation of Oracle Database features such as what you find in the reference guides available for free download on the Oracle web site. For example, the chapter on database monitoring explains how to monitor database availability, database changes, database security, database backups, database growth, database workload, database performance, and database capacity. The chapters of this book are logically organized into four parts that closely track the way your database administration career will naturally evolve. Part 1 gives you necessary background in relational database theory and Oracle Database concepts, Part 2 teaches you how to implement an Oracle database correctly, Part 3 exposes you to the daily routine of a database administrator, and Part 4 introduces you to the fine art of performance tuning. Each chapter has exercises designed to help you apply the lessons of the chapter. Each chapter also includes a list of reference works that contain more information on the topic of the chapter. In this book, you'll find information that you won't find in other books on Oracle Database. Here you'll discover not only technical information, but also guidance on work practices that are as vital to your success as technical skills. The author's favorite chapter is "The Big Picture and the Ten Deliverables." If you take the lessons in that chapter to heart, you can quickly become a much better Oracle database administrator than you ever thought possible.

This authoritative Oracle Press resource on RMAN has been thoroughly revised to cover every new feature, offering the most up-to-date information This fully updated volume lays out the easiest, fastest, and most effective methods of deploying RMAN in Oracle Database environments of any size. Keeping with previous editions, this book teaches computing professionals at all skill levels how to fully leverage every powerful RMAN tool and protect mission-critical data. Oracle Database 12c RMAN Backup and Recovery explains how to generate reliable archives and carry out successful system restores. You will learn to learn to use the command-line or GUI, automate the database backup process, perform Oracle Flashback recoveries, and deploy third-party administration utilities. The book features full details on cloud computing, report generation, performance tuning, and security. Offers complete coverage of Oracle Database 12c new features Examples and workshops throughout walk you through important RMAN operations

Work with Oracle database's high-availability and disaster-management technologies. This book covers all the Oracle high-availability technologies in one place and also discusses how you configure them in engineered systems and cloud services. You will see that when you say your database is healthy, it is not limited to whether the database is performing well on day-to-day operations; rather it should also be robust and free from disasters. As a result, your database will be capable of handling unforeseen incidents and recovering from disaster with very minimal or zero downtime. Oracle High Availability, Disaster Recovery, and Cloud Services explores all the high-availability features of Oracle database, how to configure them, and best practices. After you have read this book you will have mastered database high-availability concepts such as RAC, Data Guard, OEM 13c, and engineered systems (Oracle Exadata x6/x7 and Oracle Database Appliance). What You Will Learn Master the best practices and features of Exadata and ODA Implement and monitor high availability with OEM 13c Clone databases using various methods in Oracle 12c R2 Work with the Oracle sharding features of Oracle 12c R2 Who This Book Is For Oracle database administrators

Oracle Database 12c DBA Handbook

From Novice to Professional

OCA: Oracle Database 12c Administrator Certified Associate Study Guide

Oracle Database 12c Oracle RMAN Backup and Recovery

Expert Oracle RAC 12c

Maintain a high-performance Oracle Database using the best practices and expert techniques in this Oracle Press guide. Oracle Database 12c DBA Handbook is thoroughly updated to cover the new features and utilities, including the multitenant architecture, Oracle Database In-Memory option, and cloud enhancements. Real-world examples for every major configuration are included. You'll learn how to successfully manage a highly available, robust, secure, and extensible Oracle enterprise database environment.

The Practical, Authoritative, 360-Degree Technical Guide to Oracle Exadata: From Setup to Administration, Optimization, Tuning, and Troubleshooting The blazingly fast Oracle Exadata Database Machine is being embraced by thousands of large-scale users worldwide: by governments, the military, enterprise organizations, cloud service providers, and anyone who needs extreme performance. Now, Oracle Exadata Expert's Handbook provides authoritative guidance to running Oracle Exadata with maximum reliability, effectiveness, performance, and efficiency. Six renowned Oracle technology experts have brought together core technical information, experience, best practices, and insider tips in a concise reference. Covering both 11g and 12c versions of Oracle Exadata software, they deliver hands-on coverage of best practices, setup, migration, monitoring, administration, performance tuning, and troubleshooting. Whether you're an Oracle Exadata DBA architect, or manager, you need this 360-degree reference to Oracle Exadata Database Machine Efficiently deploy RAC within the Oracle Exadata ecosystem by leveraging Storage Cell's extraordinary performance via Smart Scans, and Hybrid Columnar Compression Manage Exadata with OEM 12c: perform setup, configuration, asset/troub discovery, and day-to-day administration Tune Oracle Exadata for even better performance Perform Exadata Backup/Recovery/DR with RMAN and Data Guard Migrate to Oracle Exadata from other platforms Use Oracle Exadata with the ZFS Storage Appliance Consolidate within the Exadata Database Cloud

The definitive reference for every Oracle DBA—completely updated for Oracle Database 12c Oracle Database 12c DBA Handbook is the quintessential tool for the DBA with an emphasis on the big picture—enabling administrators to achieve effective and efficient database management. Fully revised to cover every new feature and utility, this Oracle Press guide shows how to harness cloud capability, perform a new installation, upgrade from previous versions, configure hardware and software, handle backup and recovery, and provide failover capability. The newly revised material features high-level and practical content on cloud integration, storage management, performance tuning, information management, and the latest on a completely revised security program. Shows how to administer a scalable, flexible Oracle enterprise database Includes new chapters on cloud integration, new security capabilities, and other cutting-edge features All code available for download

"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.

From Laptops to Production

Exams 120-061 and 120-062

Oracle Database 12c Install, Configure & Maintain Like a Professional

7.3 Edition

Oracle WebLogic Server 11g Administration Handbook

PeopleSoft for the Oracle DBA, Second Edition stands on the boundary between the PeopleSoft application and the Oracle database. This new edition of David Kurtz's book is freshly revised, showing how to tame the beast and manage Oracle successfully in a PeopleSoft environment. You'll learn about PeopleSoft's Internet architecture and its use of Oracle's Tuxedo Application Server. You'll find full coverage of key database issues such as indexing, connectivity, and tablespace usage as they apply to PeopleSoft. Kurtz also provides some of the best advice and information to be found anywhere on managing and troubleshooting performance issues in a PeopleSoft environment. The solid coverage of performance troubleshooting is enough by itself to make PeopleSoft for the Oracle DBA a must-have book for any Oracle Database administrator working in support of a PeopleSoft environment. Explains PeopleSoft's technical architecture as it relates to Oracle Database Demonstrates how to implement and measure the performance of PeopleSoft Provides techniques to troubleshoot and resolve performance problems

This Oracle Press certification exam guide prepares you for the new Oracle Database 12c certification track, including the core requirements for OCA and OCP certification. OCA/OCP Oracle Database 12c All-in-One Exam Guide (Exams 120-061, 120-062, & 120-063) covers all of the exam objectives on the Installation and Administration, SQL Fundamentals, and Advanced Administration exams in detail. Each chapter includes examples, practice questions, Inside the Exam sections highlighting key exam topics, a chapter summary, and a two-minute drill to reinforce essential knowledge. 300+ practice exam questions match the format, topics, and difficulty of the real exam. Electronic content includes interactive practice exam software with hundreds of questions that include detailed answers and explanations, and a score report performance assessment tool Ideal as both exam guide and on-the-job reference The most comprehensive single preparation tool for the Oracle Database 12c OCA and OCP certification exams

An Expert Guide for Solving Complex Oracle Database Problems Oracle Database Problem Solving and Troubleshooting Handbook delivers comprehensive, practical, and up-to-date advice for running the Oracle Database reliably and efficiently in complex production environments. Seven leading Oracle experts have brought together an up-to-date, comprehensive, hands-on, step-by-step tips for Oracle Database 12c, 11g, and other recent versions of Oracle Database. Every solution is crafted to help experienced Oracle DBAs and DBAs understand and fix serious problems as rapidly as possible. The authors cover LOB segments, UNDO tablespaces, high GC buffer wait events, poor query response times, latch contention, indexing, XA distributed transactions, RMAN backup/recovery, and much more. They also offer in-depth coverage of a wide range of topics, including DDL optimization, VLDDB tuning, database forensics, adaptive cursor sharing, data pumps, data migration, SSDs, indexes, and how to go about fixing Oracle RAC problems. Learn how to Choose the quickest path to solve high-impact problems Use modern best practices to make your day more efficient and predictable Construct your "Call 9-1-1 plan" for future database emergencies Proactively perform maintenance to improve your environment's stability Save time with industry-standard tools and scripts Register your product at informit.com/register for convenient access to downloads, updates, and corrections as they become available.

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 analysis and remediation. The expert 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.

Expert Oracle Database 11g Administration

Managing Oracle Databases in the Cloud

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

OCA/OCP Oracle Database 12c All-in-One Exam Guide (Exams 120-061, 120-062, & 120-063)

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

Master Oracle Database 12c PL/SQL Application Development, debug, and administer robust database programs. Filled with detailed examples and expert strategies from an Oracle ACE, Oracle Database 12c PL/SQL Programming explains how to retrieve and process data, write PL/SQL statements, execute effective queries, incorporate PHP and Java, and work with dynamic SQL. Code testing, security, and object-oriented programming techniques are fully covered in this comprehensive Oracle Press guide. Explore new SQL and PL/SQL features in Oracle Database 12c Build control structures, cursors, and loop statements Work with collections, varrays, tables, and associative array collections Locate and repair errors and employ exception handlers Execute black box, white box, and integration tests Configure and manage stored packages and libraries Handle security with authentication and encryption Use LOBs to store text and multimedia content Write and implement PL/SQL and Java triggers Extend functionality using dynamic SQL statements Understand object types, nested tables, and unsetting queries

This Oracle Press guide shows how to implement a cloud-based management system and maintain on-demand access to critical services with Oracle Enterprise Manager Cloud Control 12c.

Performance problems are rarely "problems" per se. They are more often "crises" during which you're pressured for results by a manager standing outside your cubicle while your phone rings with queries from the help desk. You won't have the time for a leisurely perusal of the manuals, nor to lean back and read a book on theory. What you need in that situation is a book of solutions, and solutions are precisely what Oracle Database 12c Performance Tuning Recipes delivers. Oracle Database 12c Performance Tuning Recipes is a ready reference for database administrators in need of immediate help with performance issues relating to Oracle Database. The book takes an example-based approach, wherein each chapter covers a specific problem domain. Within each chapter are "recipes," showing by example how to perform common tasks in that chapter's domain. Solutions in the recipes are backed by clear explanations of background and theory from the author team. Whatever the task, if it's performance-related, you'll probably find a recipe and a solution in this book. Provides proven solutions to real-life Oracle performance problems Offers relevant background and theory to support each solution Gets straight to the point for when you're under pressure for results

Oracle Database 12c PL/SQL Programming

Oracle Database 11g PL/SQL Programming Workbook

Expert Oracle Enterprise Manager 12c

Sql Simplified:

Oracle Database 11g DBA Handbook

Master 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 factio 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 cluster Monitor servers, tune the Java Virtual Machine, maximize throughput, and optimize performance Authenticate, authorize, and map users within defined security realms

An all-in-one study guide prepares you for the updated Oracle Certified Associate certification It's been nearly six years since Oracle updated its cornerstone database software, making the demand for a comprehensive study guide for the OCA 12c certification a top priority. This resource answers that demand. Packed with invaluable insight, chapter review questions, bonus practice exams, hundreds of electronic flashcards, and a searchable glossary of terms, this study guide prepares you for the challenging Oracle certification exams. Provides you with a solid understanding of restricting and storing data Works you through using conversion functions and conditional expressions Addresses displaying data from multiple tables, manipulating data, database maintenance, and database backups and recovery Explores the Oracle database architecture and discusses preparing the database environment, creating an Oracle database, and managing the Oracle instances Focus on the Oracle Automatic Diagnostic Repository and SQL Tuning Sets Implement robust security using authentication, authorization, line-grained auditing, and fine-grained access control Maintain high availability using Oracle Real Application Clusters and Oracle Active Data Guard Respond more efficiently to failure scenarios by leveraging the Oracle Automatic Diagnostic Repository and the Oracle Repair Advisor Back up and restore

Master the Fundamentals of Oracle Database 12c Filled with easy-to-follow tutorials, this Oracle Press guide provides detailed coverage of core database concepts, the role of the administrator, and enterprise database capabilities. Oracle Database 12c: Install, Configure & Maintain Like a Professional walks you through database configuration, administration, programming, backup, and recovery, and high availability. You'll get in-depth introductions to SQL and PL/SQL as well as important information on managing large databases with Oracle's engineered systems. This essential beginner's resource features: Critical Skills—Lists of specific skills covered in each chapter Projects—Practical exercises that show how to apply the critical skills learned in each chapter Progress Checks—Quick self-assessment sections to check your progress Ask the Expert—QA sections filled with helpful tips Notes—Extra information related to the topic being covered Mastery Checks—Chapter-ending quizzes to test your knowledge

The Essential Resource for Oracle DBAs—Fully updated and Expanded Manage a flexible, highly available Oracle database with help from the expert information contained in this exclusive Oracle Press guide. Fully revised to cover every new feature and utility, Oracle Database 11g DBA Handbook shows how to perform a new installation, upgrade from previous versions, configure hardware and software for maximum efficiency, and employ bulletproof security. You will learn to automate the backup and recovery process, provide transparent failover capability, audit and tune performance, and distribute your enterprise databases with Oracle Net. Plan and deploy permanent, temporary, and bigfile tablespaces Optimize disk allocation, CPU usage, I/O throughput, and SQL queries Develop powerful database management applications Guard against human errors using Oracle Flashback and Oracle Automatic Undo Management Diagnose and tune system performance using Oracle Automatic Diagnostic Repository and SQL Tuning Sets Implement robust security using authentication, authorization, line-grained auditing, and fine-grained access control Maintain high availability using Oracle Real Application Clusters and Oracle Active Data Guard Respond more efficiently to failure scenarios by leveraging the Oracle Automatic Diagnostic Repository and the Oracle Repair Advisor Back up and restore

Beginning Oracle Database 11g Administration

From Implementation to Troubleshooting

Explore RAC, Data Guard, and Cloud Technology

Oracle Enterprise Manager Cloud Control

Learn to Read and Write Structured Query Language

Get a thorough understanding of Oracle Database 10g from the most comprehensive Oracle database reference on the market, published by Oracle Press. From critical architecture concepts to advanced object-oriented concepts, this powerhouse contains nearly 50 chapters designed to enlighten you. Upgrade from earlier versions, use SQL, SQL Plus, and PL/SQL. Get code examples and access popular documentation

PDFs—plus a full electronic copy of the book on the included CD-ROM. Go beyond the basics and learn security, text searches, external tables, using Java in Oracle, and a great deal more.

Take a simple approach to learning the Oracle GoldenGate product. This approach provides the in-depth perspective of GoldenGate from an implementer's viewpoint; however, also addresses why the management viewpoint is important as well. Your journey through this book includes and architecture discussion of GoldenGate and the benefits of purchasing GoldenGate from a management perspective. Then the book quickly moves into advanced implementation components associated with GoldenGate. You'll find many use-cases and instructions throughout the book to help with everything from easy to complex GoldenGate implementations. An Oracle GoldenGate implementation generally consists of a group project, involving both business and technical resources. Pro Oracle GoldenGate for the DBA provides the viewpoint from the DBA's vantage point. This approach provides the components of who, what, why, when, and how in defining the implementation and support of a GoldenGate project. The success of most technical projects require the support of multiple resource groups, and Pro Oracle GoldenGate for the DBA supplies the insight for the DBA member to understand the implementation and support process. Takes you through justification, installation, and support. Provides the DBA perspective toward a successful a result. Covers from basic toward increasingly advanced implementations What You Will Learn Understand the core architecture of data replication using Oracle GoldenGate Implement a one-way setup of a classic capture and an integrated capture and replication Design, architect and implement a multi-master replication model Replicate unsupported data types using tablemons Manage and troubleshoot multiple GoldenGate implementations New features of GoldenGate supported in Oracle 12c Who This Book Is For Pro Oracle GoldenGate for the DBA is aimed squarely at Oracle database administrators who find themselves involved in GoldenGate integration projects. The book provides the DBA view into such projects, helping database administrators toward successful implementations and solid business results.

This book teaches the basics of Oracle GoldenGate, which is a product that is used to simplify the process of Oracle Database Replication. GoldenGate can be used for reporting, failover, high availability, live reporting, data warehousing, and BigData ETL process, as well as connecting to multiple other data sources outside of Oracle Database such as SQL Server, MySQL, Teradata, PostgreSQL, and many others. The purpose of GoldenGate and its popularity is its ability to make the highly complex architecture of database replication into a much more simplistic task. This book teaches the reader how to use Oracle GoldenGate, from installation to troubleshooting.

Sam Alapati's Expert Oracle Database 11g Administration is a comprehensive handbook for Oracle database administrators (DBAs) using the 11g release of the Oracle Database. All key aspects of database administration are covered, including backup and recovery, day-to-day administration and monitoring, performance tuning, and more. This is the one book to have on your desk as a continual reference. Refer to it frequently. It'll help you get the job done. Comprehensive handbook for Oracle Database administrators. Covers all major aspects of database administration. Tests and explains in detail key DBA commands. Offers primers on Linux/Unix, data modeling, SQL, and PL/SQL.

The Complete Guide to Practices and Procedures

Working with Oracle GoldenGate 12c

Oracle Database 12c Performance Tuning Recipes

Database Administration

PeopleSoft for the Oracle DBA

SQL Simplified: Learn to Read and Write Structured Query Language focuses extensively on the implementation of Structured Query Language (SQL) rather than on database design or on the Database Management Systems (DBMSs) that implement SQL, like many SQL books. The easy to follow step-by-step chapters in this book are written by the author in a clear and concise manner, and are designed to help you to program in SQL with ease. The concepts of SQL are simplified enabling anyone to quickly grasp the fundamentals of SQL. Each chapter introduces a new concept and includes examples, key notes and important key terms. This book also highlights many key differences in SQL script used in a number of different database management system platforms. Your comprehension of each chapter is tested through the use of quizzes and assignments. After completion of this book, you should feel confident using SQL in any relational database environment.

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

Expert Oracle RAC 12c is a hands-on book helping you understand and implement Oracle Real Application Clusters (RAC), and to reduce the total-cost-of-ownership (TCO) of a RAC database. As a seasoned professional, you are probably aware of the importance of understanding the technical details behind the RAC stack. This book provides deep understanding of RAC concepts and implementation details that you can apply toward your day-to-day operational practices. You'll be guided in troubleshooting and avoiding trouble in your installation. Successful RAC operation hinges upon a fast-performing network interconnect. In this book you will learn a chapter that very important and easily overlooked topic. All four authors are experienced RAC engineers with a wealth of hard-won experience encountering and surmounting the challenges of running a RAC environment that delivers on its promise. In Expert Oracle RAC 12c they provide you a framework in which to avoid repeating their hard-won lessons. Their goal is for you to manage your own RAC environment with ease and expertise. Provides a deep conceptual understanding of RAC Provides best practices to implement RAC properly and match application workload Enables readers to troubleshoot RAC with ease What you'll learn Know when to apply RAC, and when not to Design applications to take advantage of RAC Troubleshoot and solve clusterware problems Manage database backup and recovery in RAC Stay on top of locking issues and deadlock detection Harness the performance from parallel processing in RAC Support your RAC environment with a healthy network interconnect Who this book is for Expert Oracle RAC 12c is for experienced Oracle Database Administrators (DBAs) who are ready to take the next step in their career by expanding their skill set to include building and managing Oracle Real Application Clusters (RAC). DBAs and architects who are in the process of implementing RAC can immensely benefit from this book. It's an excellent choice for DBAs to learn RAC conceptually, understand best practices, and become experts in troubleshooting RAC problems. Table of Contents Overview of Oracle RAC Clusterware Management and Troubleshooting RAC Operational Practices RAC New Features Storage and ASM Practices Application Design Issues Managing and Optimizing a Complex RAC Environment Backup and Recovery in RAC Network Practices in RAC RAC Database Optimization Locks and Deadlocks Parallel Query in RAC Clusterware and Database Upgrades Oracle RAC One Node

*A Complete Study System for OCP Exam 120-063 Prepare for the Oracle Certified Professional Oracle Database 12c Advanced Administration exam with this exclusive Oracle Press guide. Each chapter features challenging exercises, a certification summary, a two-minute drill, and a self test to reinforce the topics presented. This authoritative resource helps you pass the exam and also serves as an essential on-the-job reference. Get complete coverage of all OCP objectives for exam 120-063, including: Configuring and managing Oracle Recovery Manager (RMAN) settings Using the Oracle RMAN recovery catalog Performing backup and recovery Diagnosing database failures and using the automatic diagnostic repository Encrypting, securing, monitoring, and tuning Oracle RMAN backups Configuring and using flashback features Transporting and copying tablespaces and databases Creating and managing multitenant container databases and pluggable databases Using the Oracle Data Pump, SQL*Loader, and auditing features Electronic content includes: 150+ practice exam questions Test engine that provides practice exams or quizzes that can be customized by chapter or exam objective*

Oracle Database Problem Solving and Troubleshooting Handbook

Oracle Database 12c The Complete Reference

Oracle Data Guard 11g Handbook

OCP Oracle Database 12c Advanced Administration Exam Guide (Exam 120-063)

A Problem-Solution Approach

*Master the Cutting-Edge Features of Oracle Database 12c Maintain a scalable, highly available enterprise platform and reduce complexity by leveraging the powerful new tools and cloud enhancements of Oracle Database 12c. This authoritative Oracle Press guide offers complete coverage of installation, configuration, tuning, and administration. Find out how to build and populate Oracle databases, perform effective queries, design applications, and secure your enterprise data. Oracle Database 12c: The Complete Reference also contains a comprehensive appendix covering commands, keywords, features, and functions. Set up Oracle Database 12c or upgrade from an earlier version Design Oracle databases and plan for application implementation Construct SQL and SQL*Plus statements and execute powerful queries Secure data with roles, privileges, virtualization, and encryption Move data with SQL*Loader and Oracle Data Pump Restore databases using flashback and the Oracle Database Automatic Undo Management feature Build and deploy PL/SQL triggers, procedures, and packages Work with Oracle pluggable and container databases Develop database applications using Java, JDBC, and XML Optimize performance with Oracle Real Application Clusters*

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. The Most Complete, Current Oracle DBA Resource Maintain a high-performance Oracle Database using the best practices and expert techniques in this Oracle Press guide. Oracle Database 12c DBA Handbook is thoroughly updated to cover the new features and utilities, including the multitenant architecture, Oracle Database In-Memory option, and cloud enhancements. Real-world examples for every major configuration are included. You'll learn how to successfully manage a highly available, robust, secure, and extensible Oracle enterprise database environment. Upgrade to Oracle Database 12c Plan and manage tablespaces Maximize database performance using effective physical database layouts and storage management methods Monitor disk space used by database objects Manage transactions with undo tablespaces Implement expert performance-tuning techniques Increase query speeds using the new Oracle Database In-Memory option Manage database security through authentication, authorization, and auditing Take full advantage of the multitenant database architecture Enable high availability and scalability with Oracle Real Application Clusters Active Data Guard

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

OCA: Oracle Solaris 11 System Administration Exam Guide (Exam 120-821)

The Cloud DBA-Oracle

Oracle 12c For Dummies

Oracle Database 10g The Complete Reference