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OCP: Oracle Database 11g Administrator Certified Professional Study Guide Exam 1Z0-053 John Wiley & Sons **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. Oracle Performance Survival Guide A Systematic Approach to Database Optimization** Pearson Education **Oracle Performance Survival Guide A Systematic Approach to Database Optimization The fast, complete, start-to-finish guide to optimizing Oracle performance Oracle Performance Survival Guide offers a structured, systematic, start-to-finish methodology for optimizing Oracle performance as efficiently as possible. Leading Oracle expert Guy Harrison shows how to maximize your tuning investment by focusing on causes rather than symptoms, and by quickly identifying the areas that deliver the greatest "bang for the buck." Writing for DBAs and developers with all levels of experience, Harrison covers every area of Oracle performance management, from application design through SQL tuning, contention management through memory and physical IO management. He also presents up-to-the-minute guidance for optimizing the performance of the Oracle 11g Release 2. You'll start by mastering Oracle structured performance tuning principles and tools, including techniques for tracing and monitoring Oracle execution. Harrison illuminates the interaction between applications and databases, guides you through choosing tuning tools, and introduces upfront design techniques that lead to higher-performance applications. He also presents a collection of downloadable scripts for reporting on all aspects of database performance. Coverage includes • "Tuning by layers," the most effective, highest-value approach to Oracle performance optimization • Making the most of Oracle's core tools for tracing, monitoring, and diagnosing performance • Highly efficient database logical and physical design, indexing, transaction design, and API use • SQL and PL/SQL tuning, including the use of parallel SQL techniques • Minimizing contention for locks, latches, shared memory, and other database resources • Optimizing memory and physical disk IO • Tuning Real Application Cluster (RAC) databases guyharrison.net informit.com/ph OCP: Oracle9i Performance Tuning Study Guide Exam 1Z0-033** John Wiley & Sons **Here's the book you need to prepare for Exam 1Z0-033: Oracle9i Database: Performance Tuning. This Study Guide provides: In-depth coverage of official exam objectives Practical information on optimizing Oracle9i databases Hundreds of challenging review questions, in the book and on the CD Authoritative coverage of all exam objectives, including: Using Diagnostic and Tuning Tools Monitoring and Managing the Buffer Cache Optimizing Sort Operations Detecting and Resolving Lock Contention Diagnosing Shared Server Performance Issues Using Oracle Blocks Efficiently Tuning SQL Statements Configuring Resource Manager Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. OCP Oracle Certified Professional Java SE 11 Programmer II Study Guide Exam 1Z0-816 and Exam 1Z0-817** John Wiley & Sons **Oracle has announced big changes to its Oracle Certified Professional (OCP) Java SE 11 certification program. As of October 1, 2020, the OCP Java SE 11 Programmer I Exam 1Z0-815 and Programmer II Exam 1Z0-816 will be retired, and Oracle will begin offering a new Developer Exam 1Z0-819 to replace the previous exams. The good news is you'll only need to pass one exam instead of two exams to earn the OCP certification! If you're working toward the current OCP Java SE 11 certification, keep going. You have until October 1, 2020 to complete your current OCP. If you've already taken the Programmer I Exam 1Z0-815 and would like to take the Programmer II Exam 1Z0-816, you have until September 30, 2020 to take the exam in the current program. NOTE: Oracle will continue to offer the Upgrade Exam 1Z0-817 (Upgrade from OCA Java 7 & 8). Thecompletely-updated preparation guide for the new OCP Oracle Certified Professional Java SE 11 Programmer II exam—covers Exam 1Z0-816 Java, a platform-independent, object-oriented programming language, is used primarily in mobile and desktop application development. It is a popular language for client-side cloud applications and the principal language used to develop Android applications. Oracle has recently updated its Java Programmer certification tracks for Oracle Certified Professional. OCP Oracle Certified Professional Java SE 11 Programmer II Study Guide ensures that you are fully prepared for this difficult certification exam. Covering 100% of exam objectives, this in-depth study guide provides comprehensive coverage of the functional-programming knowledge necessary to succeed. Every exam topic is thoroughly and completely covered including exceptions and assertions, class design, generics and collections, threads, concurrency, IO and NIO, and more. Access to Sybex's superior online interactive learning environment and test bank—including self-assessment tests, chapter tests, bonus practice exam questions, electronic flashcards, and a searchable glossary of important terms—provides everything you need to be fully prepared on exam day. This must-have guide: Covers all exam objectives such as inheriting abstract classes and interfaces, advanced strings and localization, JDBC, and Object-Oriented design principles and patterns Explains complex material and reinforces your comprehension and retention of important topics Helps you master more advanced areas of functional programming Demonstrates practical methods for building Java solutions OCP Oracle Certified Professional Java SE 11 Programmer II Study Guide will prove invaluable for anyone seeking achievement of this challenging exam, as well as junior- to senior-level programmers who uses Java as their primary programming language. OCP Oracle Certified Professional Java SE 11 Developer Complete Study Guide Exam 1Z0-815, Exam 1Z0-816, and Exam 1Z0-817** John Wiley & Sons **This OCP Oracle Certified Professional Java SE 11 Developer Complete Study Guide was published before Oracle announced major changes to its OCP certification program and the release of the new Developer 1Z0-819 exam. No matter the changes, rest assured this Study Guide covers everything you need to prepare for and take the exam. NOTE: The OCP Java SE 11 Programmer I Exam 1Z0-815 and Programmer II Exam 1Z0-816 have been retired (as of October 1, 2020), and Oracle has released a new Developer Exam 1Z0-819 to replace the previous exams. The Upgrade Exam 1Z0-817 remains the same. This is the most comprehensive prep guide available for the OCP Oracle Certified Professional Java SE 11 Developer certification—it covers Exam 1Z0-819 and the Upgrade Exam 1Z0-817 (as well as the retired Programmer I Exam 1Z0-815 and Programmer II Exam 1Z0-816)! Java is widely-used for backend cloud applications, Software as a Service applications (SAAS), and is the principal language used to develop Android applications. This object-oriented programming language is designed to run on all platforms that support Java without the need for recompilation. Oracle Java Programmer certification is highly valued by employers throughout the technology industry. The OCP Oracle Certified Professional Java SE 11 Developer Complete Study Guide in an indispensable resource for anyone preparing for the certification exam. This fully up-to-date guide covers 100% of exam objectives for Exam 1Z0-819 and Upgrade Exam 1Z0-817 (in addition to the previous Exam 1Z0-815 and Exam 1Z0-816). In-depth chapters present clear, comprehensive coverage of the functional-programming knowledge necessary to succeed. Each chapter clarifies complex material while reinforcing your understanding of vital exam topics. Also included is access to Sybex's superior online interactive learning environment and test bank that includes self-assessment tests, chapter tests, bonus practice exam questions, electronic flashcards, and a searchable glossary of important terms. The ultimate study aid for the challenging OCP exams, this popular guide: Helps you master the changes in depth, difficulty, and new module topics of the latest OCP exams Covers all exam objectives such as Java arrays, primitive data types, string APIs, objects and classes, operators and decision constructs, and applying encapsulation Allows developers to catch up on all of the newest Java material like lambda expressions, streams, concurrency, annotations, generics, and modules Provides practical methods for building Java applications, handling exceptions, programming through interfaces, secure coding in Java SE, and more Enables you to gain the information, understanding, and practice you need to pass the OCP exams The OCP Oracle Certified Professional Java SE 11 Developer Complete Study Guide is a must-have book for certification candidates needing to pass these challenging exams, as well as junior- to senior-level developers who use Java as their primary programming language. SQL Tuning Generating Optimal Execution Plans** "O'Reilly Media, Inc." **A poorly performing database application not only costs users time, but also has an impact on other applications running on the same computer or the same network. SQL Tuning provides an essential next step for SQL developers and database administrators who want to extend their SQL tuning expertise and get the most from their database applications.There are two basic issues to focus on when tuning SQL: how to find and interpret the execution plan of an SQL statement and how to change SQL to get a specific alternate execution plan. SQL Tuning provides answers to these questions and addresses a third issue that's even more important: how to find the optimal execution plan for the query to use.Author Dan Tow outlines a timesaving method he's developed for finding the optimum execution plan--rapidly and systematically--regardless of the complexity of the SQL or the database platform being used. You'll learn how to understand and control SQL execution plans and how to diagram SQL queries to deduce the best execution plan for a query. Key chapters in the book include exercises to reinforce the concepts you've learned. SQL Tuning concludes by addressing special concerns and unique solutions to "unsolvable problems."Whether you are a programmer who develops SQL-based applications or a database administrator or other who troubleshoots poorly tuned applications, SQL Tuning will arm you with a reliable and deterministic method for tuning your SQL queries to gain optimal performance. OCA: Oracle Database 12c Administrator Certified Associate Study Guide Exams 1Z0-061 and 1Z0-062** John Wiley & Sons **An all-in-one study guide prepares you for the updated OracleCertified Associate certification It's been nearly six years since Oracle updated its cornerstonedatabase software, making the demand for a comprehensive studyguide for the OCA 12c certification a top priority. This resourceanswers that demand. Packed with invaluable insight, chapter reviewquestions, bonus practice exams, hundreds of electronic flashcards,and a searchable glossary of terms, this study guide prepares youfor the challenging Oracle certification exams. Provides you with a solid understanding of restricting andsorting data Walks you through using conversion functions and conditionalexpressions Addresses displaying data from multiple tables, manipulatingdata, database maintenance, and database backups and recovery Explores the Oracle database architecture and discussespreparing the database environment, creating an Oracle database,and managing the Oracle instance Focuses on administering and implementing user security This must-have study guide thoroughly prepares you to take thedramatically updated Oracle 12c OCA exams. OCA: Oracle Database 11g Administrator Certified Associate Study Guide Exams1Z0-051 and 1Z0-052** John Wiley & Sons **Candidates for the Oracle Certified Associate in Oracle Database 11g need to pass Exams 1Z0-051 and 1Z0-052 to achieve their certification—this guide prepares you for taking both those exams. This two-in-one study guide covers the Oracle Certified Associate certification for Oracle database 11g and reviews exam topics such as restricting and sorting data, using conversion functions and conditional expressions, displaying data from multiple tables,**

and exploring the Oracle database architecture. Plus, you'll learn how to create and maintain an Oracle database, perform database backups and recovery, move and manipulate data, prepare the database environment, and more. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. For Instructors: Teaching supplements are available for this title. Oracle Certified Master 11g Exam Guide A Comprehensive Practical Study Guide Createspace Independent Publishing Platform Congratulations! on the successful completion of the Oracle DBA 11g Certified Master practicum. You are now a member of an elite group of Oracle professionals. Every Oracle DBA dreams to get this message from Oracle and one day become an Oracle Certified Master. But when it comes to the preparation, it seems to be hard as there s no book available in the market for OCM 11g exam. It took me 2 years to prepare this book. For every single topic of the exam I made a deep research of Oracle documentation, metalink notes, blog posts and books and prepared practical guidance that will help you to be prepared for the OCM tasks. This Study Guide contains the following information: In the beginning of each topic, a reference from Oracle documentation and metalink notes is provided to get more information on a specific subject. Each topic is explained in a practical examples using both graphic user and command line interfaces. At the end of each topic a reader is assigned to solve different pre-created tasks in a specified time limit. The book consists of 9 chapters and more than 200] practical OCM scenarios. Server Configuration chapter provides a detailed step-by-step guide on Oracle 11g Database Software setup and new database creation through GUI and silent mode likewise. Enterprise Manager Grid Control chapter starts by illustrating a detailed step by step installation of OEM Grid Control starting from the download methods of all OEM components till successful installation. In this chapter you will also see how to create Programs, automate Jobs, create Schedulers, Alerts and Notifications. Managing Database Availability chapter provides steps to create and manage the recovery catalog. A number of ways also introduced to create a backup of a database and detailed step by step explanation of database recovery from different failure cases through RMAN is provided. Data Management chapter provides detailed information about types of materialized view and materialized view log and how Oracle uses precomputed materialized view instead of querying a table with different aggregate functions and provides a quick result. Data Warehouse Management chapter provides information about main data warehouse topics such as partitioning and managing large objects. Next, we talk about large objects and show how to use various SecureFile LOB features such as compression, deduplication, encryption, caching and logging. Performance Tuning chapter provides a detailed information on SQL Tuning tools such as SQL Tuning Advisor, SQL Access Advisor and SQL Performance Advisor. Beside the tuning tools, it provides information about resource manager, result cache, multi-column statistics and implementing instance caging. Grid Infrastructure and ASM chapter covers more than enough material to get you started with step by step installation of Oracle Grid Infrastructure. This chapter also sheds light on general Oracle ASM technology and provides information on how to create ASM diskgroups, how to configure failure groups and how to practice disk crashes in ASM environment. Next, we introduce ACFS file system and provide steps to create and manage it. Real Application Clusters chapter explores steps to successfully create a RAC database on two nodes. With only few additional steps, you will successfully create a RAC database. Then you see the way how to create and configure ASM with command line interface. Once ASM is configured, silent RAC database creation steps are provided. Data Guard chapter starts by creating a data guard using command line interface, OEM and data guard broker. It also provides steps on performing switchover and failover using all mentioned tools. OCA: Oracle 10g Administration I Study Guide Exam 1Z0-042 John Wiley & Sons Oracle Database 11g DBA Handbook Mcgraw-hill 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 Workload Repository and SQL Tuning Sets Implement robust security using authentication, authorization, fine-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 tables, tablespaces, and databases with Oracle Data Pump Export and Import Work with networked databases, data warehouses, and VLDBs Put the latest Oracle Database 11g tools to work--Oracle Total Recall, Oracle Flashback Data Archive, and more DBA Study Guide - OCP Prep Guide Laxmi Publications OCP: Oracle Database 12c Administrator Certified Professional Study Guide Exam 1Z0-063 John Wiley & Sons An updated guide for an updated certification exam! As the most popular database software in the world, OracleDatabase 12c has been updated for the first time in nearly sixyears and the changes are significant. This study guide reviews howOracle 12c allows multiple instances to be used simultaneously viathe cloud. You'll sharpen your skills to prepare for the threelevels of certification: Oracle Certified Associate, OracleCertified Professional, and Oracle Certified Master. Workbookexercise appendix, test engine, chapter review questions,electronic flashcards, searchable PDF glossary, and two bonuspractice exams all help to enhance your preparation to take theOracle 12c exam. Addresses such topics as: database architecture, configuringand recoverability, configuring backup specifications, andperforming user-managed backup and recovery Reviews how to use RMAN to create backups, perform recovery,and duplicate a database Looks at performing tablespace point-in-time recovery and usingflashback technology Covers diagnosing the database, managing memory, managingresources, and automating tasks Focusing 100 percent on the exam objectives, OCP: OracleDatabase 12c Administrator Certified Professional Study Guideis designed for those who feel they are ready to attempt thischallenging exam. Oracle Database 11g Release 2 Performance Tuning Tips & Techniques McGraw Hill Professional The most trusted name in performance tuning updates his bestselling guide for the challenges of Oracle Database 11"g" + 11"g"R2, leaving no stone unturned in his pursuit of optimal tuning. Oracle Database 11g Performance Tuning Recipes A Problem-Solution Approach Apress 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 Oracle Database Problem Solving and Troubleshooting Handbook Addison-Wesley Professional An Expert Guide for Solving Complex Oracle Database Problems Oracle Database Problem Solving and Troubleshooting Handbook delivers comprehensive, practical, and up-to-date advice for running the Oracle Database reliably and efficiently in complex production environments. Seven leading Oracle experts have brought together an unmatched collection of proven solutions, hands-on examples, and step-by-step tips for Oracle Database 12c, 11g, and other recent versions of Oracle Database. Every solution is crafted to help experienced Oracle DBAs and DMAs understand and fix serious problems as rapidly as possible. The authors cover LOB segments, UNDO tablespaces, high GC buffer wait events, poor query response times, latch contention, indexing, XA distributed transactions, RMAN backup/recovery, and much more. They also offer in-depth coverage of a wide range of topics, including DDL optimization, VLDB tuning, database forensics, adaptive cursor sharing, data pumps, data migration, SSDs, indexes, and how to go about fixing Oracle RAC problems. Learn how to Choose the quickest path to solve high-impact problems Use modern best practices to make your day more efficient and predictable Construct your "Call 9-1-1 plan" for future database emergencies Proactively perform maintenance to improve your environment's stability Save time with industry-standard tools and scripts Register your product at informit.com/register for convenient access to downloads, updates, and corrections as they become available. Oracle Database 10g Performance Tuning Tips & Techniques McGraw-Hill Prof Med/Tech "Offers hundreds of hints, tips, and tricks of the trade that can be useful to any DBA wanting to achieve maximum performance of Oracle applications. No Oracle library would be complete without this book." --Ken (Dr. DBA) Jacobs, Vice President of Product Strategy for Server Technologies, Oracle Corporation "Rich is the first and last stop for Oracle Database technology and performance tuning. His knowledge is a vital tool that you need to successfully negotiate the waters of Oracle database development." --Mike Frey, Principal Architect, Navteq OCP: Oracle 10g New Features for Administrators Study Guide Exam 1Z0-040 John Wiley & Sons Here's the book you need to prepare for Oracle's 10g upgrade exam, Oracle Database 10g: New Features for Administrators (1Z0-040). This Study Guide was developed to meet the exacting requirements of today's Oracle certification candidates. In addition to the consistent and accessible instructional approach that has earned Sybex the "Best Study Guide" selection in CertCities Readers Choice Awards for two consecutive years, this book provides: Clear and concise information on the enhancements included in Oracle 10g Practical examples and insights drawn from the authors' real-world experiences Leading-edge exam preparation software, including a test engine and electronic flashcards You'll also find authoritative coverage of key exam topics, including: Installing and Configuring the Server Loading and Unloading Data Tuning Applications Supporting Analytical Applications Backing Up and Recovering Data Automating Data Storage Management Applying Security Policies Supporting Upgrade Paths to Oracle 10g Look to Sybex for the knowledge and skills needed to succeed in today's competitive IT marketplace. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. Expert Oracle RAC Performance Diagnostics and Tuning Apress Expert Oracle RAC Performance Diagnostics and Tuning provides comprehensive coverage of the features, technology and principles for testing and tuning RAC databases. The book takes a deep look at optimizing RAC databases by following a methodical approach based on scientific analysis rather than using a speculative approach, twisting and turning knobs and gambling on the system. The book starts with the basic concepts of tuning methodology, capacity planning, and architecture. Author Murali Vallath then dissects the various tiers of the testing implementation, including the operating system, the network, the application, the storage, the instance, the database, and the grid infrastructure. He also introduces tools for performance optimization and thoroughly covers each aspect of the tuning process, using many real-world examples, analyses, and solutions from the field that provide you with a solid, practical, and replicable approach to tuning a RAC environment. The book concludes with troubleshooting guidance and quick reference of all the scripts used in the book. Expert Oracle RAC Performance Diagnostics and Tuning covers scenarios and details never discussed before in any other performance tuning books. If you have a RAC database, this book is a requirement. Get your copy today. Takes you through optimizing the various tiers of the RAC environment. Provides real life case studies, analysis and solutions from the field. Maps a methodical approach to testing, tuning and diagnosing the cluster Oracle Database Performance and Scalability A Quantitative Approach John Wiley & Sons 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. 2011 Oracle Database 11g Performance Tuning Certified Expert EXAMETRIX Exam Pocket Notes This product covers Oracle Exam 1Z0-054.All certification exams come with a set of topic lists. If you read the corresponding terms and

conditions carefully, you will find out that those topics are general guidelines only ... in other words, they simply represent the content likely to be included. However, they may NOT exclude other topics from being included. In fact, some exam specifications openly state that other related topics may also appear on any specific delivery of their exams, and that the published guidelines may be subject to change at any time without notice. If you based your study effort only on a topic by topic basis, you may get tripped up easily. The EXAMETRIX Pocket Notes series condenses most necessary facts found in the exams into an easy-to-carry pocket guide. A quick, portable study tool designed to be quick, convenient and less overwhelming. Also a great tool to use for last-minute cramming.This pocket notes product series is developed to cover high risk topics that are often ignored in the mainstream study texts. It aims to help you close the loopholes in your study effort.. Using Your Pmp(r) Credential with the Oracle(r) Database: A Study Guide for Project Management and Oracle Database Professionals Proforacle Product Description The Essential Resource for Oracle DBAs and PMPs Manage a flexible, highly available Oracle database with help from the expert information contained in this exclusive Oracle and Project Management guide. This book covers new feature and utility, Oracle Database 11g DBA and PMP guide shows how to perform a new installation, configure hardware and software for maximum efficiency, and employ bulletproof security. You will learn to automate the backup and recovery process, audit and tune performance, and distribute your enterprise databases with Oracle Net. This book allows Oracle DBAs and Project Managers to spend more time communicating and managing the project. Oracle DBAs understand the project management project and terminology. PMPs discover what goes into install, upgrading and managing an Oracle database. . Put project management methods, knowledge, and skills to work. . 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 Workload Repository and SQL Tuning Sets . Implement robust security using authentication, authorization, fine-grained auditing, and fine-grained access control . Respond more efficiently to failure scenarios by leveraging the Oracle Automatic Diagnostic Repository and the Oracle Repair Advisor . Backup and restore tables, tablespaces, and databases with Oracle Recovery Manager and Oracle Data Pump Export and Import . Put the latest Oracle Database 11g tools to work. About the Author Darron Clark, OCP, PMP Recommendations Great Results, Personable, Expert "Having just passed his Oracle 10g Certified Master (OCM) (an extremely rare qualification indeed), Darron taught me the 10g Real Application Clusters class. Without exaggeration, I can state that Darron's RAC class was orders of magnitude better than any other IT class that I have taken, and that it was because of his superior knowledge of the subject. I have made this comment about Darron numerous times to my DBA colleagues ever since I sat his class. Darron's Oracle knowledge is encyclopedic. He can answer not only any question about RAC, but also about any other aspect of Oracle, both in new technology areas, such as ASM, and the fundamentals, such as SQL*Net, memory, and PL/SQL. Every participant in his RAC class responded positively to his easy-going teaching style, which is a positive leadership trait. Finally, the significance of the OCM cannot be overstated. It means that Darron passed a high-pressure, two-day, hands-on lab examination that covers the full depth and breadth of the Oracle product, including performance tuning, data warehousing, RAC, Data Guard, and other advanced subjects. A very low percentage of the candidates who take the OCM manage to pass it. His OCM is a true sign of Darron's Oracle technical expertise." January 6, 2009 Great Results, Expert, High Integrity "Darron is one of the smartest and most personable (can you say that about a DBA?) DBA's that I have ever worked with. He is technically very good at what he does, is trustworthy, reliable, and, while he worked with us, represented himself and the company extremely well. One of the most remarkable things about him is his ability to network, and he truly wants to help others --- in today's world, where most are out for me, myself and I, that's a great quality to possess. He will continue to touch and help make the organization better even after he's gone. You can't say that about a lot of people working out there anymore " June 16, 2009 Oracle Tuning The Definitive Reference Rampant Techpress Oracle 10g has become the most complex database ever created and Oracle tuning has become increasingly complex. This book provides a complete step-by-step approach for holistic Oracle tuning and it is the accumulated knowledge from tuning thousands of Oracle databases. Incorporating the principles of artificial intelligence, Oracle10g has developed a sophisticated mechanism for capturing and tracking database performance over time periods. This new complexity has introduced dozens of new v$ and DBA views, plus dozens of Automatic Workload Repository (AWR) tables. The AWR and its interaction with the Automatic Database Diagnostic Monitor (ADDM) is a revolution in database tuning. By understanding the internal workings of the AWR tables, the senior DBA can develop time-series tuning models to predict upcoming outages and dynamically change the instance to accommodate the impending resource changes. This is not a book for beginners. Targeted at the senior Oracle DBA, this book dives deep into the internals of the v$ views, the AWR table structures and the new DBA history views. Packed with ready-to-run scripts, you can quickly monitor and identify the most challenging performance issues. Oracle Database 11g R2 SQL Tuning This Oracle 11g learning guide will equip database administrators and application developers to build efficient SQL statements and to tune database applications. When this effort is complemented by database server and PL/SQL application tuning, then a highly efficient application execution environment is created. One will learn about the internals of SQL statement execution, how to monitor the performance of such execution, and how one can influence the behavior of the database to achieve performance gains. This textbook is a mandatory reference for any database administrator or SQL database application developer. The following specific topics are among those considered: - Consider the unique and differing tuning issues found in online database applications, enterprise resource and data warehouse environments and the important metrics of SQL statement performance; - Learn about the internal mechanisms use for SQL statement execution within a database instance and how these can affect performance for good or bad, including the Optimizer facilities known as the Transformation Engine, Estimator and Plan Generator; - Use a variety of techniques to examine the details of SQL statement execution, spotting trouble areas and bottlenecks which require tuning; - Learn about the Auto-Task framework and how to manage the automatic collection of Optimizer statistics and automatic SQL tuning using both the programmatic and Enterprise Manager interfaces; - Learn how statistic deficiencies can dramatically degrade performance, and how these problems are resolved through customized Optimizer statistics collection procedures using the DBMS_STATS() package, system statistics, histograms, expression statistics and MultiColumn statistics; - Influence the behavior of the Optimizer by setting database parameters and other SQL tuning techniques; - Utilize the database advisory framework and the SQL Tuning and SQL Access advisors;- Use plan management to achieve plan stability which is adaptive and even dynamic; - Understand the self-tuning infrastructure and the automatic SQL tuning capabilities found within the database; - Employ SQL hints embedded into the statement text to resolve unique tuning challenges; - Learn to identify poorly performing SQL statements using real-time SQL monitoring and application tracing techniques such as DBMS_MONITOR(), trcsess and tkprof. OCA/OCP Oracle Database 11g All-in-One Exam Guide Exams 1Z0-051, 1Z0-052, 1Z0-053 McGraw Hill Professional A Fully Integrated Study System for OCA Exams 1Z0-051 and 1Z0-052, and OCP Exam 1Z0-053 Prepare for the Oracle Certified Associate Administration I and SQL Fundamentals I exams and the Oracle Certified Professional Administration II exam with help from this exclusive Oracle Press guide. In each chapter, you'll find challenging exercises, practice questions, and a two-minute drill 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 objectives for exams 1Z0-051, 1Z0-052, and 1Z0-053, including: Instance management Networking and storage Security SQL Oracle Recovery Manager and Oracle Flashback Oracle Automatic Storage Management Resource manager Oracle Scheduler Automatic workload repository Performance tuning Three bonus exams available with free online registration Oca Oracle Database 11g Database Administration I A Real-World Certification Guide Packt Publishing Ltd Developed as a practical book, "Oracle Database 11g Administration I Certification Guide" will show you all you need to know to effectively excel at being an Oracle DBA, for both examinations and the real world. This book is for anyone who needs the essential skills to become an Oracle DBA, pass the Oracle Database Administration I exam, and use those skills in the real world to manage secure, high performance, and highly available Oracle databases. OCA/OCP Oracle Database 11g All-in-One Exam Guide with CD-ROM Exams 1Z0-051, 1Z0-052, 1Z0-053 McGraw-Hill Education A Fully Integrated Study System for OCA Exams 1Z0-051 and 1Z0-052, and OCP Exam 1Z0-053 Prepare for the Oracle Certified Associate Administration I and SQL Fundamentals I exams and the Oracle Certified Professional Administration II exam with help from this exclusive Oracle Press guide. In each chapter, you'll find challenging exercises, practice questions, and a two-minute drill 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 objectives for exams 1Z0-051, 1Z0-052, and 1Z0-053, including: Instance management Networking and storage Security SQL Oracle Recovery Manager and Oracle Flashback Oracle Automatic Storage Management Resource manager Oracle Scheduler Automatic workload repository Performance tuning And more On the CD-ROM: Three full practice exams Detailed answers and explanations Score report performance assessment tool Complete electronic book Three bonus exams available with free online registration Troubleshooting Oracle Performance Apress 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. Optimizing Oracle Performance A Practitioner's Guide to Optimizing Response Time "O'Reilly Media, Inc." Oracle system performance inefficiencies often go undetected for months or even years--even under intense scrutiny--because traditional Oracle performance analysis methods and tools are fundamentally flawed. They're unreliable and inefficient.Oracle DBAs and developers are all too familiar with the outlay of time and resources, blown budgets, missed deadlines, and marginally effective performance fiddling that is commonplace with traditional methods of Oracle performance tuning. In this crucial book, Cary Millsap, former VP of Oracle's System Performance Group, clearly and concisely explains how to use Oracle's response time statistics to diagnose and repair performance problems. Cary also shows how "queueing theory" can be applied to response time statistics to predict the impact of upgrades and other system changes.Optimizing Oracle Performance eliminates the time-consuming, trial-and-error guesswork inherent in most conventional approaches to tuning. You can determine exactly where a system's performance problem is, and with equal importance, where it is not, in just a few minutes--even if the problem is several years old.Optimizing Oracle Performance cuts a path through the complexity of current tuning methods, and streamlines an approach that focuses on optimization techniques that any DBA can use quickly and successfully to make noticeable--even dramatic--improvements.For example, the one thing database users care most about is response time. Naturally, DBAs focus much of their time and effort towards improving response time. But it is entirely too easy to spend hundreds of hours to improve important system metrics such as hit ratios, average latencies, and wait times, only to find users are unable to perceive the difference. And an expensive hardware upgrade may not help either.It doesn't have to be that way. Technological advances have added impact, efficiency, measurability, predictive capacity, reliability, speed, and practicality to the science of Oracle performance optimization. Optimizing Oracle Performance shows you how to slash the frustration and expense associated with unraveling the true root cause of any type of performance problem, and reliably predict future performance.The price of this essential book will be paid back in hours saved the first time its methods are used. OCP Oracle Database 11g New Features for Administrators Exam Guide (Exam 1Z0-050) McGraw Hill Professional 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 Database 12c Release 2 Real Application Clusters Handbook: Concepts, Administration, Tuning & Troubleshooting McGraw Hill Professional 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 GoldenGate 11g Handbook McGraw Hill Professional Master Oracle GoldenGate 11g Enable highly available, real-time access to enterprise data in heterogeneous environments. Featuring hands-on workshops, Oracle GoldenGate 11g Handbook shows you how to install, configure, and implement this high-performance application. You'll learn how to replicate data across Oracle databases and other platforms, including MySQL and Microsoft SQL Server, and perform near-zero-downtime migrations and upgrades. Monitoring, performance tuning, and troubleshooting are also discussed in this Oracle Press guide. Install and configure Oracle GoldenGate Implement Oracle GoldenGate one-way replication Configure multitarget and cascading replication Use bidirectional replication to build a heterogeneous database infrastructure Secure your environment, control and manipulate data, and prevent errors Configure Oracle GoldenGate for Oracle Clusterware and Oracle Real Application Clusters Use Oracle GoldenGate with MySQL and Microsoft SQL Server Perform near-zero-downtime upgrades and migrations Use Oracle GoldenGate Monitor and Oracle GoldenGate Director Ensure data quality with Oracle GoldenGate Veridata Implement nondatabase integration options OCP: Oracle 10g Administration II Study Guide Exam 1Z0-043 John Wiley & Sons Here's the book you need to prepare for the Oracle Database 10g Administration II exam, 1Z0-043. This Study Guide was developed to meet the exacting requirements of today's Oracle certification candidates. In addition to the consistent and accessible instructional approach that has earned Sybex the "Best Study Guide" selection in CertCities Readers' Choice Awards for two consecutive years, this book provides: Clear and concise information on advanced database administration with Oracle 10g Practical examples and insights drawn from the authors' real-world experiences Leading-edge exam preparation software, including a test engine and electronic flashcards You'll also find authoritative coverage of key exam topics, including: Configuring Recovery Manager Understanding the Flashback Database Recovering from User Errors Working with Globalization Support Using the Scheduler to Automate Tasks Monitoring and Managing Storage Securing the Oracle Listener Look to Sybex for the knowledge and skills needed to succeed in today's competitive IT marketplace. Beginning Oracle Database 11g Administration From Novice to Professional Apress This book, written by veteran Oracle database administrator Iggy Fernandez, a regular on the Oracle conference circuit and the editor of NoCOUG Journal, is a manageable introduction to key Oracle database administration topics including planning, installation, monitoring, troubleshooting, maintenance, and backups, to name just a few. As is clear from the table of contents, this book is not simply a recitation of Oracle Database features such as what you find in the reference guides available for free download on the Oracle web site. For example, the chapter on database monitoring explains how to monitor database availability, database changes, database security, database backups, database growth, database workload, database performance, and database capacity. The chapters of this book are logically organized into four parts that closely track the way your database administration career will naturally evolve. Part 1 gives you necessary background in relational database theory and Oracle Database concepts, Part 2 teaches you how to implement an Oracle database correctly, Part 3 exposes you to the daily routine of a database administrator, and Part 4 introduces you to the fine art of performance tuning. Each chapter has exercises designed to help you apply the lessons of the chapter. Each chapter also includes a list of reference works that contain more information on the topic of the chapter. In this book, you'll find information that you won't find in other books on Oracle Database. Here you'll discover not only technical information, but also guidance on work practices that are as vital to your success as technical skills. The author's favorite chapter is "The Big Picture and the Ten Deliverables." If you take the lessons in that chapter to heart, you can quickly become a much better Oracle database administrator than you ever thought possible. CompTIA Cloud Essentials+ Study Guide Exam CLO-002 John Wiley & Sons Prepare for success on the New Cloud Essentials+ Exam (CLO-002) The latest title in the popular Sybex Study Guide series, CompTIA Cloud Essentials+ Study Guide helps candidates prepare for taking the NEW CompTIA Cloud Essentials+ Exam (CLO-002). Ideal for non-technical professionals in IT environments, such as marketers, sales people, and business analysts, this guide introduces cloud technologies at a foundational level. This book is also an excellent resource for those with little previous knowledge of cloud computing who are looking to start their careers as cloud administrators. The book covers all the topics needed to succeed on the Cloud Essentials+ exam and provides knowledge and skills that any cloud computing professional will need to be familiar with. This skill set is in high demand, and excellent careers await in the field of cloud computing. Gets you up to speed on fundamental cloud computing concepts and technologies Prepares IT professionals and those new to the cloud for the CompTIA Cloud Essentials+ exam objectives Provides practical information on making decisions about cloud technologies and their business impact Helps candidates evaluate business use cases, financial impacts, cloud technologies, and deployment models Examines various models for cloud computing implementation, including public and private clouds Identifies strategies for implementation on tight budgets Inside is everything candidates need to know about cloud concepts, the business principles of cloud environments, management and technical operations, cloud security, and more. Readers will also have access to Sybex's superior online interactive learning environment and test bank, including chapter tests, practice exams, electronic flashcards, and a glossary of key terms. Oracle Database 12c Performance Tuning Recipes A Problem-Solution Approach Apress 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 Study Guide for Oracle Certified Master 11g Exam A Comprehensive Guide aPress There are hundreds of thousands of Oracle Certified Professional (OCP) DBAs around the world. Most them aspire to become an Oracle Certified Master, but the difficulty level of the exam is off the charts and only a handful of the few that undertake the exam pass it. Comprising full hands-on labs and lasting for 14 hours over two days, the exam is among the most rigorous in the tech world. Indeed, to pass the exam, applicants are encouraged to take a year-long foundation course. What if you want to undertake study on your own? There are hardly any reference materials out there that provide a thorough coverage of the course syllabus and test topics in a practical and concise manner--and in a way that will prepare you to pass the exam with flying colors. Oracle Certified Master Kamran Aghayev A., in his Study Guide for Oracle Certified Master 11g Exam, provides thorough coverage of the topics you must know in depth to become an OCM. The book covers almost 100 different subjects, bringing you from intermediate-level knowledge to the advanced and expert levels required to pass the test. What's more, at the end of each chapter, he gives you specific hand-on tasks and challenges that must be solved within a specific amount of time. These tasks will not only help you gain the confidence you need to tackle the OCM exam, but also be sure-footed while handling critical issues at work. The book, filled with real-life scenarios and examples, will prove to be useful even for someone who does not intend to take the exam. Study Guide for Oracle Certified Master 11g Exam will ensure that you: Are ready for every single OCM topic by guiding you with clear concepts and practical hands-on experience. Will learn how to solve daily problems related to any part of Oracle Database Administration, since an OCM's scope is broad--even without benefit of a GUI (one of the exam's requirements). Will learn how to install and configure RAC, ASM, GRID, and DataGuard, among others. Know how to back up a database, tune it for optimal efficiency, and solve any kind of database failure. By earning an OCM certificate, you will become part of an elite group of Oracle professionals, significantly enhancing your job prospects! Expert Oracle Database 11g Administration Apress 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 Database 11G - Underground Advice for Database Administrators Packt Publishing Ltd A real-world DBA survival guide for Oracle 11g database implementations with this book and eBook. Mastering Oracle PL/SQL Practical Solutions Apress If you have mastered the fundamentals of the PL/SQL language and are now looking for an in-depth, practical guide to solving real problems with PL/SQL stored procedures, then this is the book for you.