

## Oracle 11g Sql Chapter Solutions Joan Casteel

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.

This IBM® Redbooks® publication describes the new features that have been added with the release of the IBM System Storage® SAN Volume Controller (SVC) and IBM System Storage Storwize® V7000 6.4.0 code, including Replication Family Services. Replication Family Services refers to the various copy services available on the SVC and Storwize V7000 including IBM FlashCopy®, Metro Mirror and Global Mirror, Global Mirror with Change Volumes, Volume Mirroring, and Stretched Cluster Volume Mirroring. The details behind the theory and practice of these services are examined, and SAN design suggestions and troubleshooting tips are provided. Planning requirements, automating copy services processed, and fabric design are explained. Multiple examples including implementation and server integration are included, along with a discussion of software solutions and services that are based on Replication Family Services. This book is intended for use by pre-sales and post-sales support, and storage administrators. Readers are expected to have an advanced knowledge of the SVC, Storwize V7000, and the SAN environment. The following publications are useful resources that provide background information: Implementing the IBM System Storage SAN Volume Controller V6.3, SG24-7933 Implementing the IBM Storwize V7000 V6.3, SG24-7938 IBM SAN Volume Controller and Brocade Disaster Recovery Solutions for VMware, REDP-4626 IBM System Storage SAN Volume Controller Upgrade Path from Version 4.3.1 to 6.1, REDP-4716 Real-time Compression in SAN Volume Controller and Storwize V7000, REDP-4859 SAN Volume Controller: Best Practices and Performance Guidelines, SG24-7521 Implementing the Storwize V7000 and the IBM System Storage SAN32B-E4 Encryption Switch, SG24-7977

How secure is your network? The best way to find out is to attack it. Network Security Assessment provides you with the tricks and tools professional security consultants use to identify and assess risks in Internet-based networks-the same penetration testing model they use to secure government, military, and commercial networks. With this book, you can adopt, refine, and reuse this testing model to design and deploy networks that are hardened and immune from attack. Network Security Assessment demonstrates how a determined attacker scours Internet-based networks in search of vulnerable components, from the network to the application level. This new edition is up-to-date on the latest hacking techniques, but rather than focus on individual issues, it looks at the bigger picture by grouping and analyzing threats at a high-level. By grouping threats in this way, you learn to create defensive strategies against entire attack categories, providing protection now and into the future. Network Security Assessment helps you assess: Web services, including Microsoft IIS, Apache, Tomcat,

and subsystems such as OpenSSL, Microsoft FrontPage, and Outlook Web Access (OWA) Web application technologies, including ASP, JSP, PHP, middleware, and backend databases such as MySQL, Oracle, and Microsoft SQL Server Microsoft Windows networking components, including RPC, NetBIOS, and CIFS services SMTP, POP3, and IMAP email services IP services that provide secure inbound network access, including IPsec, Microsoft PPTP, and SSL VPNs Unix RPC services on Linux, Solaris, IRIX, and other platforms Various types of application-level vulnerabilities that hacker tools and scripts exploit Assessment is the first step any organization should take to start managing information risks correctly. With techniques to identify and assess risks in line with CESSG CHECK and NSA IAM government standards, Network Security Assessment gives you a precise method to do just that.

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

Write queries using little-known, but powerful, SQL features implemented in Oracle's database engine. You will be able to take advantage of Oracle's power in implementing business logic, thereby maximizing return from your company's investment in Oracle Database products. Important features and aspects of SQL covered in this book include the model clause, row pattern matching, analytic and aggregate functions, and recursive subquery factoring, just to name a few. The focus is on implementing business logic in pure SQL, with a comparison of different approaches that can be used to write SELECT statements to return results that drive good decision making and competitive action in the marketplace. This book covers features that are often not well known, and sometimes not implemented in competing products. Chapters on query transformation and logical execution order provide a grasp of the big picture in which the individual SQL features described in the other chapters are executed. Also included are a discussion on when to use the procedural capabilities from PL/SQL, and a series of examples showing different mixes of SQL features being applied in common types of queries that you are likely to encounter. What You Will Learn Gain competitive advantage from Oracle SQL Know when to step up to PL/SQL versus staying in SQL Become familiar with query transformations and join mechanics Apply the model clause and analytic functions to business intelligence queries Make use of features that are specific to Oracle Database, such as row pattern matching Understand the pros and cons of different SQL approaches to solving common query tasks Traverse hierarchies using CONNECT BY and recursive subquery factoring Who This Book Is For Database programmers with some Oracle Database experience. The book is also for SQL developers who are moving to the Oracle Database platform or want to learn unique features of its query engine. Both audiences will learn to apply the full power of Oracle's own SQL dialect to commonly encountered types of business questions and query challenges.

An in-depth look at the radical changes to the newest release of SISS Microsoft SQL Server 2012 Integration Services (SISS) builds on the revolutionary database product suite first introduced in 2005. With this crucial resource, you will explore how this newest release serves as a powerful tool for performing extraction, transformation, and load operations (ETL). A team of SQL Server experts deciphers this complex topic and

provides detailed coverage of the new features of the 2012 product release. In addition to technical updates and additions, the authors present you with a new set of SISS best practices, based on years of real-world experience that have transpired since the previous edition was published. Details the newest features of the 2012 SISS product release, which is the most significant release since 2005 Addresses the keys to a successful ETL solution, such as using the right enterprise ETL tool and employing the right ETL architecture in order to meet the system requirements Includes additional case studies and tutorial examples to illustrate advanced concepts and techniques Professional Microsoft SQL Server 2012 Integration Services is a valuable resource that meets the demands and high expectations of experienced SSIS professionals. This book introduces a relatively new approach to mastering one's Oracle SQL skills. This book will teach you how to leverage your existing Oracle SQL knowledge as well as how you can benefit from a variety of SQL tricks and techniques we present thereafter. This is a text book rather than a reference, and it aims to teach you how to become a better SQL specialist. Even though the recommendations found in this book may be applied to a variety of SQL flavors, Oracle SQL is the main subject of this book. Our goal was not to impress you with clever tricks and sophisticated techniques, but rather give you a roadmap to excellence in writing Oracle SQL queries. No doubt, this book presents tricks and classy approaches, which still serve the main goal – to let you master your Oracle SQL skills.

Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, Learning SQL, Second Edition, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints, using SQL schema statements Learn how data sets interact with queries, and understand the importance of subqueries Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements Knowledge of SQL is a must for interacting with data. With Learning SQL, you'll quickly learn how to put the power and flexibility of this language to work.

The traditional division of labor between the database (which only stores and manages SQL and XML data for fast, easy data search and retrieval) and the application server (which runs application or business logic, and presentation logic) is obsolete. Although the book's primary focus is on programming the Oracle Database, the concepts and techniques provided apply to most RDBMS that support Java including Oracle, DB2, Sybase, MySQL, and PostgreSQL. This is the first book to cover new Java, JDBC, SQLJ, JPublisher and Web Services features in Oracle Database 10g Release 2 (the coverage starts with Oracle 9i Release 2). This book is a must-read for database developers audience (DBAs, database applications developers, data architects), Java developers (JDBC,

SQLJ, J2EE, and OR Mapping frameworks), and to the emerging Web Services assemblers. Describes pragmatic solutions, advanced database applications, as well as provision of a wealth of code samples. Addresses programming models which run within the database as well as programming models which run in middle-tier or client-tier against the database. Discusses languages for stored procedures: when to use proprietary languages such as PL/SQL and when to use standard languages such as Java; also running non-Java scripting languages in the database. Describes the Java runtime in the Oracle database 10g (i.e., OracleJVM), its architecture, memory management, security management, threading, Java execution, the Native Compiler (i.e., NCOMP), how to make Java known to SQL and PL/SQL, data types mapping, how to call-out to external Web components, EJB components, ERP frameworks, and external databases. Describes JDBC programming and the new Oracle JDBC 10g features, its advanced connection services (pooling, failover, load-balancing, and the fast database event notification mechanism) for clustered databases (RAC) in Grid environments. Describes SQLJ programming and the latest Oracle SQLJ 10g features, contrasting it with JDBC. Describes the latest Database Web services features, Web services concepts and Services Oriented Architecture (SOA) for DBA, the database as Web services provider and the database as Web services consumer. Abridged coverage of JPublisher 10g, a versatile complement to JDBC, SQLJ and Database Web Services.

Teaches all the Oracle PL/SQL skills needed to start developing PL/SQL fast, through hundreds of extensive exercises, examples, and projects.

Oracle Exadata Recipes takes an example-based, problem/solution approach in showing how to size, install, configure, manage, monitor, optimize, and migrate Oracle database workloads on and to the Oracle Exadata Database Machine. Whether you're an Oracle Database administrator, Unix/Linux administrator, storage administrator, network administrator, or Oracle developer, Oracle Exadata Recipes provides effective and proven solutions to accomplish a wide variety of tasks on the Exadata Database Machine. You can feel confident using the reliable solutions that are demonstrated in this book in your enterprise Exadata environment. Managing Oracle Exadata is unlike managing a traditional Oracle database. Oracle's Exadata Database Machine is a pre-configured engineered system comprised of hardware and software, built to deliver extreme performance for Oracle Database workloads. Exadata delivers extreme performance by offering an optimally balanced hardware infrastructure with fast components at each layer of the engineered technology stack, as well as a unique set of Oracle software features designed to leverage the high-performing hardware infrastructure by reducing I/O demands. Let Oracle Exadata Recipes help you translate your existing Oracle Database knowledge into the exciting new growth area that is Oracle Exadata. Helps extend your Oracle Database skillset to the fast-growing, Exadata platform Presents information on managing Exadata in a helpful, example-based format Clearly explains unique Exadata software and

hardware features What you'll learn Install and configure Exadata Manage your Exadata hardware infrastructure Monitor and troubleshoot performance issues Manage smart scan and cell offload processing Take advantage of Hybrid Columnar Compression Deploy Smart Flash Cache and Smart Flash Logging Ensure the health of your Exadata environment Who this book is for Oracle Exadata Recipes is for Oracle Database administrators, Unix/Linux administrators, storage administrators, backup administrators, network administrators, and Oracle developers who want to quickly learn to develop effective and proven solutions without reading through a lengthy manual scrubbing for techniques. Readers in a hurry will appreciate the recipe format that sets up solutions to common tasks as the centerpiece of the book. Table of Contents Exadata Hardware Exadata Software How Oracle Works on Exadata Workload Qualification Sizing Exadata Preparing for Exadata Administration and Diagnostics Utilities Backup and Recovery Storage Administration Network Administration Patching and Upgrades Security Monitoring Exadata Storage Cells Host and Database Performance Monitoring Smart Scan and Cell Offload Hybrid Columnar Compression I/O Resource Management and Instance Caging Smart Flash Cache and Smart Flash Logging Storage Indexes Post-Installation Monitoring Tasks Post-Install Database Tasks

Learn how to most effectively use PL/SQL programming language with one of the most popular and widely-used software programs in large companies today -- Oracle11g. ORACLE 11G: PL/SQL PROGRAMMING & ORACLE CD, 2E uses Oracle 11g to provide an overview of the PL/SQL programming language from a developer's perspective. The author begins with a step-by-step expanded introduction to fundamental PL/SQL concepts before progressing to the writing and testing of PL/SQL code. This edition also covers more advanced topics, such as Dynamic SQL and code tuning, as well as developments in bulk processing, compound triggers, PL/SQL compiler features and hiding source code. Updates reflect the latest Oracle 11g release with the most recent figures and examples using the user-friendly SQL Developer tool. A wealth of real-world examples, a straightforward presentation, and accompanying Oracle CD make this book is an invaluable resource in preparing for the new Oracle Certification exam or mastering the PL/SQL programming language with Oracle. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Beginning Oracle SQL is your introduction to the interactive query tools and specific dialect of SQL used with Oracle Database. The book is a revision of the classic Mastering Oracle SQL and SQL\*Plus by Lex de Haan, and has been updated to cover developments in Oracle's version of the SQL query language. Written in an easygoing and example-based style, Beginning Oracle SQL is the book that will get you started down the path to successfully writing SQL statements and getting results from Oracle database. Takes an example-based approach, with clear and authoritative explanations Introduces both SQL and the

query tools used to execute SQL statements Shows how to create tables, populate them with data, and then query that data to generate business results 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

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

"This work is a comprehensive, four-volume reference addressing major issues, trends, and areas for advancement in information management research, containing chapters investigating human factors in IT management, as well as IT governance, outsourcing, and diffusion"--Provided by publisher.

As a society that relies on technology to thrive, we face a growing number of potentially catastrophic threats to network security daily. DATABASE SECURITY delivers the know-how and skills that today's professionals must have to protect their company's technology infrastructures, intellectual property, and future prosperity. From database installation and testing to auditing and SQL Injection, this text delves into the essential processes and protocols required to prevent intrusions, and supports each topic with real-world examples that help future IT professionals understand their critical responsibilities. Unlike most texts on database security, which take a computer scientist's analytical approach, Database Security focuses on implementation, and was written expressly for the expanding field of Information Technology careers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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.

A guide to the new features of Oracle Database 11g covers such topics as architectural changes, database administration upgrades, security enhancements, and programming innovations.

Tuning of SQL code is generally cheaper than changing the data model. Physical and configuration tuning involves a search for bottlenecks that often points to SQL code or data model issues. Building an appropriate data model and writing properly performing SQL code can give 100%+ performance improvement. Physical and configuration tuning often gives at most a 25% performance increase. Gavin Powell shows that the central theme of Oracle10gR2 Performance Tuning is four-fold: denormalize data models to fit applications; tune SQL code according to both the data model and the application in relation to scalability; create a well-proportioned physical architecture at the time of initial Oracle installation; and most important, mix skill sets to obtain the best results. Fully updated for version 10gR2 and provides all necessary transition material from version 9i Includes all three aspects of Oracle database tuning: data model tuning, SQL & PL/SQL code tuning, physical plus configuration tuning Contains experienced guidance and real-world examples using large datasets Emphasizes development as opposed to operating system perspective

XML is one of the most common standards for the exchange of information. However, organizations find challenges in how to address the complexities of dealing with hierarchical data types, particularly as they scale to gigabytes and beyond. In this IBM® Redbooks® publication, we discuss and describe the new capabilities in IBM InfoSphere® DataStage® 8.5. These capabilities enable developers to more easily manage the design and processing requirements presented by the most challenging XML sources. Developers can use these capabilities to create powerful hierarchical transformations and to parse and compose XML data with high performance and scalability. Spanning both batch and real-time run times, these capabilities can be used to solve a broad range of business requirements. As part of the IBM InfoSphere Information Server 8.5 release, InfoSphere DataStage was enhanced with new hierarchical transformation capabilities called . XML Stage provides native XML schema support and powerful XML transformation functionality. These capabilities are based on a unique state-of-the-art technology that allows you to parse and compose any complex XML structure from and to a relational form, as well as to a separate hierarchical form. This book is targeted at an audience of systems designers and developers who focus on implementing XML integration support in their environments.

The new edition of the successful previous version is 25 percent revised and packed with more than 200 pages of new material on the 2008 release of SQL Server Integration Services (SSIS) Renowned author Brian Knight and his expert coauthors show developers how to master the 2008 release of SSIS, which is both more powerful and more complex than ever Case studies and tutorial examples acquired over the three years since the previous edition will contribute to helping illustrate advanced concepts and techniques New chapters include coverage of data warehousing using

SSIS, new methods for managing the SSIS platform, and improved techniques for ETL operations

The most up-to-date Visual Basic.NET programming textbook—covering both fundamentals and advanced-level programming techniques—complete with examples and solutions Visual Basic.NET (VB.NET) is an object-oriented computer programming language that can be viewed as an evolution of the classic Visual Basic (VB), which is implemented on the .NET Framework. Microsoft currently supplies two major implementations of Visual Basic: Microsoft Visual Studio (which is commercial software) and Microsoft Visual Studio Express (which is free of charge). Forgoing the large amounts of programming codes found in most database programming books, Practical Database Programming with Visual Basic.NET shows students and professionals both how to develop professional and practical database programs in a Visual Basic.NET environment by using Visual Studio.NET Data Tools and Wizards related to ADO.NET 4.0, and how to apply codes that are auto-generated by solely using Wizards. The fully updated Second Edition: Covers both fundamentals and advanced database programming techniques Introduces three popular database systems with practical examples including MS Access, SQL Server 2008, and Oracle Features more than fifty sample projects with detailed illustrations and explanations to help students understand key techniques and programming technologies Includes downloadable programming codes and exercise questions This book provides undergraduate and graduate students as well as database programmers and software engineers with the necessary tools to handle the database programming issues in the Visual Studio.NET environment.

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

A must-have guide for the latest updates to the new release of Reporting Services SQL Server Reporting Services allows you to create reports and business intelligence (BI) solutions. With this updated resource, a team of experts shows you how Reporting Services makes reporting faster, easier and more powerful than ever in web, desktop, and portal solutions. New coverage discusses the new reporting tool called Crescent, BI semantic model's impact on report design and creation, semantic model design, and more. You'll explore the major enhancements to Report Builder and benefit from best

practices shared by the authors. Builds on the previous edition while also providing coverage of the new features introduced with SQL Server 2012 Explains Reporting Services architecture and BI fundamentals Covers advanced report design and filtering techniques, walking you through each design, discussing its purpose and the conditions where it could be more efficient Discusses semantic model design, Report Builder, Crescent, and more Targets business analysts and report designers as well as BI solution developers Professional Microsoft SQL Server 2012 Reporting Services is mandatory reading if you are eager to start using the newest version of SQL Server Reporting Services.

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

\* First book on the market that covers building high-performance Java applications on the Oracle database—using the latest versions of both the Oracle database (10g) and the JDBC API (3.0). \* Promotes and explains an "anti black box" approach to Oracle development complete with benchmark code) that will allow developers to write highly efficient, high performance Oracle JDBC applications. \* A new book from the prestigious OakTable Press, which Apress will be strongly promoting and supporting throughout 2004.

Oracle 11g: PL/SQL Programming Cengage Learning

This guide is strikingly different from other books on Microsoft ADO.NET. Rather than load you down with theory, the new edition of ADO.NET 3.5 Cookbook gives you more than 200 coding solutions and best practices for real problems you're likely to face with this technology using Visual Studio 2008 and the .NET 3.5 platform. Organized to help you find the topic and specific recipe you need quickly and easily, this book is more than just a handy compilation of cut-and-paste C# code. ADO.NET 3.5 Cookbook also offers clear explanations of how and why each code solution works, and warns you of potential pitfalls so you can learn to adapt the book's problem-solving techniques to different situations. This collection of timesaving recipes covers vital topics including: Connecting to data Retrieving and managing data Transforming and analyzing data Modifying data Binding data to .NET user interfaces Optimizing .NET data access Enumerating and maintaining database objects Maintaining database integrity Ideal for

ADO.NET programmers at all levels, from the relatively inexperienced to the most sophisticated, this new edition covers the significant 3.5 upgrade, including new programming tools such as LINQ. ADO.NET 3.5 Cookbook offers a painless way for those of you who prefer to learn by doing when it comes to expanding your skills and productivity.

There are three parts to tuning an Oracle database: data modeling, SQL code tuning and physical database configuration. A data model contains tables and relationships between tables. Tuning a data model involves normalization and de-normalization. Different approaches are required depending on the application, such as OLTP or a Data Warehouse. Inappropriate database design can make SQL code impossible to tune. Poor data modeling can have a most profound effect on database performance since all SQL code is constructed from the data model. Poorly written SQL code is often a culprit of performance problems and is expensive to rectify. However, tuning of SQL code is generally cheaper than changing the data model. SQL code tends to be contained inside independent blocks within applications or stored procedures. Physical database tuning involves hardware resource usage, networking and various other Oracle things such as configuration and file distribution. Physical configuration is often a culprit of poor performance where Oracle is installed with defaults, and never altered by an expert. \*Includes all three aspects of Oracle database tuning: data model tuning, SQL & PL/SQL code tuning, physical plus configuration tuning \*Contains experienced guidance and real-world examples using large datasets \*Emphasizes development as opposed to operating system perspective

Pro SQL Server Reporting Services 2008 is the third edition of Apress' top book on Microsoft's enterprise-level reporting tool. The previous edition has sold some 2100 units over a two-year period. This revision, combined with the impending release of SQL Server 2008, breathes new life into the topic and into this book.

Special Ops: Internal Network Security Guide is the solution for the impossible 24-hour IT work day. By now, most companies have hardened their perimeters and locked out the "bad guys," but what has been done on the inside? This book attacks the problem of the soft, chewy center in internal networks. We use a two-pronged approach-Tactical and Strategic-to give readers a complete guide to internal penetration testing. Content includes the newest vulnerabilities and exploits, assessment methodologies, host review guides, secure baselines and case studies to bring it all together. We have scoured the Internet and assembled some of the best to function as Technical Specialists and Strategic Specialists. This creates a diversified project removing restrictive corporate boundaries. The unique style of this book will allow it to cover an incredibly broad range of topics in unparalleled detail. Chapters within the book will be written using the same concepts behind software development. Chapters will be treated like functions within programming code, allowing the authors to call on each other's data. These functions will supplement the methodology when specific technologies are examined thus reducing the common redundancies found in other security books. This book is designed to be the "one-stop shop" for security engineers who want all their information in one place. The technical nature of this may be too much for middle management; however technical managers can use the book to help them understand the challenges faced by the engineers who support their businesses. Ø Unprecedented Team of Security Luminaries. Led by Foundstone Principal Consultant, Erik Pace

Birkholz, each of the contributing authors on this book is a recognized superstar in their respective fields. All are highly visible speakers and consultants and their frequent presentations at major industry events such as the Black Hat Briefings and the 29th Annual Computer Security Institute Show in November, 2002 will provide this book with a high-profile launch. Ø The only all-encompassing book on internal network security. Windows 2000, Windows XP, Solaris, Linux and Cisco IOS and their applications are usually running simultaneously in some form on most enterprise networks. Other books deal with these components individually, but no other book provides a comprehensive solution like Special Ops. This book's unique style will give the reader the value of 10 books in 1.

Fill the gap between planning and doing with SSIS 2014 The 2014 release of Microsoft's SQL Server Integration Services provides enhancements for managing extraction, transformation, and load operations, plus expanded in-memory capabilities, improved disaster recovery, increased scalability, and much more. The increased functionality will streamline your ETL processes and smooth out your workflow, but the catch is that your workflow must change. New tools come with new best practices, and Professional Microsoft SQL Server 2014 Integration Services will keep you ahead of the curve. SQL Server MVP Brian Knight is the most respected name in the business, and your ultimate guide to navigating the changes to use Microsoft SQL Server Integration Services 2014 to your utmost advantage. Implement new best practices for effective use of SSIS Work through tutorials for hands-on learning of complex techniques Read case studies that illustrate the more advanced concepts Learn directly from the foremost authority on SSIS SQL Server Integration Services is a complex tool, but it's the lifeblood of your work. You need to know it inside out, and you must understand the full potential of its capabilities in order to use it effectively. You need to make sure the right architecture is in place. Professional Microsoft SQL Server 2014 Integration Services is your roadmap to understanding SSIS on a fundamental level, and setting yourself up for success.

RMAN is Oracle's flagship backup and recovery tool, but did you know it's also an effective database duplication tool? Oracle RMAN Database Duplication is a deep dive into RMAN's duplication feature set, showing how RMAN can make it so much easier for you as a database administrator to satisfy the many requests from developers and testers for database copies and refreshes for use in their work. You'll learn to make and refresh duplicate databases with a single command, and of course you can automate and schedule that command so that developers and testers are supplied with regular, known good databases without any manual intervention on your part. Fast and easy provisioning of databases for developers and testers is a driving force in the move to cloud computing and virtualization. RMAN's robust database duplication feature set plays right into this growing need for ease of provisioning, enabling easy duplication of known-good databases on demand, across operating systems such as between Linux and Solaris, and even across storage environments such as when duplicating

from a RAC/ASM environment to a single-node instance using regular file system storage. Oracle RMAN Database Duplication is your thorough guide to providing amazing business value to your organization by way of fast and easy provisioning of database duplicates in service of development and testing projects.

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

Teaching the SQL skills that businesses demand when hiring programmers If you're a SQL beginner, you don't just want to learn SQL basics, you also want to get some practical SQL skills you can use in the job market. This book gives you both. Covering the basics through intermediate topics with clear explanations, hands-on exercises, and helpful solutions, this book is the perfect introduction to SQL. Topics include both the current SQL:2008 standards, the upcoming SQL:2011 standards, and also how to use SQL against current releases of the most popular commercial SQL databases, such as Oracle, SQL Server, and MySQL. Introduces SQL concepts, explains SQL statements, and clearly shows how to write efficient and effective SQL code Uses a hands-on style and a sample database that incorporates all SQL concepts taught in the book; this database will be enhanced through the book as key points and lessons are covered Covers topics such as how SQL interacts with the sample database via various interfaces, including vendor-provided utilities, programming languages, SQL clients, and productivity software Includes appendices with primers on database normalization, set theory and boolean algebra, RDBMS software step-by-step setup guides, and database connectivity Learn how to write effective, efficient SQL code with Discovering SQL: A Hands-On Guide for Beginners. Beginning Oracle SQL is your introduction to the interactive query tools and specific dialect of SQL used with Oracle Database. These tools include SQL\*Plus

and SQL Developer. SQL\*Plus is the one tool any Oracle developer or database administrator can always count on, and it is widely used in creating scripts to automate routine tasks. SQL Developer is a powerful, graphical environment for developing and debugging queries. Oracle's is possibly the most valuable dialect of SQL from a career standpoint. Oracle's database engine is widely used in corporate environments worldwide. It is also found in many government applications. Oracle SQL implements many features not found in competing products. No developer or DBA working with Oracle can afford to be without knowledge of these features and how they work, because of the performance and expressiveness they bring to the table. Written in an easygoing and example-based style, *Beginning Oracle SQL* is the book that will get you started down the path to successfully writing SQL statements and getting results from Oracle Database. Takes an example-based approach, with clear and authoritative explanations Introduces both SQL and the query tools used to execute SQL statements Shows how to create tables, populate them with data, and then query that data to generate business results What you'll learn Create database tables and define their relationships. Add data to your tables. Then change and delete that data. Write database queries that generate accurate results. Avoid common traps and pitfalls in writing SQL queries, especially from nulls. Reap the performance and expressiveness of analytic and window functions. Make use of Oracle Database's support for object types. Write recursive queries to query hierarchical data. Who this book is for *Beginning Oracle SQL* is aimed at developers and database administrators who must write SQL statements to execute against an Oracle database. No prior knowledge of SQL is assumed.

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Teaches solution architects, designers, and developers how to use Microsoft's reporting platform to create reporting and business intelligence (BI) solutions Updated with new information about holistic BI solutions, comprehensive OLAP/Analysis Services reporting, and complete production deployment scenarios Includes programming examples focused on specific, scenario-based solutions Explains reporting services architecture and business intelligence, teaches the fundamentals of designing reports through the use of careful planning considerations, and covers advanced report design and filtering techniques

Write powerful SQL statements and PL/SQL programs Learn to access Oracle databases through SQL statements and construct PL/SQL programs with guidance from Oracle expert, Jason Price. Published by Oracle Press, *Oracle Database 11g SQL* explains how to retrieve and modify database information,

