

Pl Sql Technetoraclecom Guide

An all-in-one study guide prepares you for the updated Oracle Certified Associate certification. It's been nearly six years since Oracle updated its 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 theupdated Oracle 12c OCA exams.

Presents a complete approach to building XML Web applications and Web services with XSQL, Oracle Text, SQL, XSLT, and Java from data found in Oracle databases Offers expert tips on how to enhance XSQL with servlets and Java Server Pages (JSP) Provides a detailed comparison of XSQL and XQuery Companion Web site contains the code examples in the book as well as useful links where readers can download the Oracle XDK

Sperko focuses on the overall problem of how to store the primary component of any Java application, the Java object, in the most common business tool: the relational database.

Your introductory resource to all the powerful new features of Oracle9i--only from the authorized Oracle Press. This beginner's guide starts with an introduction to Oracle Corporation and where it is going with its product strategy, and then moves on to an overview of the RDBMS and the roll of a DBA, and progresses to slightly more advanced topics.

Oracle 8i Architecture and Administration Exam Cram is the most recognized, and highly focused, exam preparation product available to professionals gearing up for the Oracle 8i Architecture and Administration exam (1Z0-023). The book's well organized, concise layout provides thorough coverage of test content and objectives like managing an Oracle instance, maintaining the control file, storage structure and relationships, and managing data integrity. Includes the supportive Exam Cram features of helpful hints and tips, test taking strategies, realistic case studies, and challenging practice questions.

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.

JDBC is the key Java technology for relational database access. Oracle is arguably the most widely used relational database platform in the world. In this book, Donald Bales brings these two technologies together, and shows you how to leverage the full power of Oracle's implementation of JDBC. You begin by learning the all-important mysteries of establishing database connections. This can be one of the most frustrating areas for programmers new to JDBC, and Donald covers it well with detailed information and examples showing how to make database connections from applications, applets, Servlets, and even from Java programs running within the database itself. Next comes thorough coverage of JDBC's relational SQL features. You'll learn how to issue SQL statements and get results back from the database, how to read and write data from large, streaming data types such as BLOBs, CLOBs, and BFILEs, and you'll learn how to interface with Oracle's other built-in programming language, PL/SQL. If you're taking advantage of the Oracle's relatively new ability to create object tables and column objects based on user-defined datatypes, you'll be pleased with Don's thorough treatment of this subject. Don shows you how to use JPublisher and JDBC to work seamlessly with Oracle database objects from within Java programs. You'll also learn how to access nested tables and arrays using JDBC. Donald concludes the book with a discussion of transaction management, locking, concurrency, and performance--topics that every professional JDBC programmer must be familiar with. If you write Java programs to run against an Oracle database, this book is a must-have.

CD-ROM contains: Oracle JDeveloper Release 3.1 for Microsoft Windows NT.

"This book is the definitive guide for serious Oracle8i professionals and is required reading for all Oracle data warehousing practitioners."-Shannon Platz, Senior Director, Business Intelligence & Warehouse Global Service Line, Oracle Corporation A complete hands-on guide to Oracle8i and earlier versions In this updated and expanded edition of their critically acclaimed Oracle8 Data Warehousing, Gary Dodge and Tim Gorman clearly explain everything you'll need to know to build and manage a large, high-performance data warehouse using Oracle8i. They provide a technical roadmap to the specific Oracle8 or Oracle8i features that are relevant to designing, building, tuning, and administering an Oracle data warehouse. After a brief review of the basic concepts, you'll find descriptions of the various hardware platforms to support the Oracle data warehouse. The authors then cover the Oracle features that can enhance a large data warehouse, the design considerations for a warehouse, and the steps necessary to load data into the warehouse. You'll also find out how to perform parallel operations using Oracle8 and Oracle8i to accomplish massive tasks more quickly. And you'll discover the specific features and techniques for implementing a distributed architecture. With this book, you'll learn how to: - Design a data warehouse for optimum performance - Construct the data warehouse using Oracle8 and Oracle8i database technology - Load data into the data warehouse - Summarize and aggregate data within a warehouse - Administer and monitor a data warehouse for optimum performance - Build and manage very large (multiterabyte) data warehouses Visit our Web site at www.wiley.com/compbooks/ Visit the companion Web site at www.wiley.com/compbooks/dodge for scripts, extensions, and additional material.

Watching her sister in a losing battle with anorexia as a result of being unable to cope with the death of their father, Holly realizes that her own dreams must be put aside for the moment in order to help her sister get through this difficult period by teaching her how to deal with the loss in a healthy way before it's too late. Reprint.

Canada was young during the First World War, and with as many as 20,000 underage soldiers leaving their homes to join the war effort, the country's army was, too. Jim, at 17, was one of them, and he penned countless letters home. But these weren't the writings of an ordinary boy. They were the letters of a lad who left a small farming community for the city on July 15, 1915, a boy who volunteered to serve with the 79th Queen's Own Cameron Highlanders. Jim's letters home gloss over the horrors of war, focusing instead on issues of the home front: of harvesting, training the horses, and the price of hogs. Rarely do these letters, especially those to his mother and father, mention the mud and rats, the lice and stench of the trenches, or the night duty of cutting barbed wire in no man's land. For 95 years his letters remained in a shoebox decorated by his mother. Jim was just 18 when he was wounded and died during the Battle of the Somme. Hold the Oxo! tells the story that lies between the lines of his letters, filling in the historical context and helping us to understand what it was like to be Jim.

CD-ROM contains: Practice database -- Sample scripts reference in text.

Freeman and Pack cover the published objectives for the Oracle 8i: New Features for Administrators exam. This guide contains key terms and acronyms an Oracle 8i Certified DBA is expected to know to pass the exam. It provides tips, tricks and alerts, plus a special tear-out sheet and practice exam.

Learn to use Oracle 9i to build dynamic, data-driven Web sites. Get step-by-step details on creating and deploying Web applications using PL/SQL, HTML, Java, XML, WML, Perl and PHP. This book covers everything users need to know to master Web application development in an Oracle environment - using PL/SQL.

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

ColdFusion is an extremely powerful web-development tool. Despite its short initial learning curve, attributed to its accessible HTML-like, tag-based syntax, it provides sophisticated content-management solutions for large-scale enterprises. This has never been truer than it is now, since the release of ColdFusion MX. To take advantage of this power, you must step outside the box to learn skills as diverse as application design and Web Services development--topics addressed only briefly, if at all, in standard ColdFusion tutorials and reference books. ColdFusion MX Developer's Handbook teaches you what you need to broaden your ColdFusion skills and become a fully capable enterprise developer. Inside, 13 ColdFusion experts provide highly detailed, advanced instruction that will save you countless headaches and let you squeeze every last drop of functionality from the newest release. You'll master database integration techniques involving advanced SQL queries, stored procedures, and database upsizing. You'll take advantage of MX's improved integration with other technologies, incorporating Flash using Flash Remoting, and capitalizing on full XML support to create Web Services. In your custom coding, you'll build and deploy Java and C++ extensions and wirelessly extend ColdFusion's reach with components that talk to WAP and WML clients. All this comes wrapped in practical, hard-to-find advice for managing your content and applications and optimizing performance. Large applications with heavy traffic need speed and efficiency, and you get that with performance tuning, load balancing, and caching. If you're working in a clustered environment, you need to understand state management. No matter what your situation, you'll benefit from in-depth coverage of application security, debugging, and coding methodology using Fusebox. Every chapter is packed with the technical knowledge to give you what you need to create serious solutions. You might find that one particular chapter alone is worth the cost of the book because of the time and frustration it will save you. Most readers, however, will use various parts of this book at different times, depending on the constantly changing challenges faced by enterprise programmers. The mission of this book is to provide the extra skills you need to be a successful ColdFusion developer in today's demanding and expanding environment.

Get the most comprehensive book on mastering Web development in an Oracle environment--exclusively from the official Oracle Press. This authorized resource is packed with expert, practical tips for developing and deploying Internet-ready, e-commerce applications using Oracle 9i Application Server, Oracle tools, and the most commonly used Web development technologies.

Explaining how to create in-depth reports with Crystal Reports in an Oracle database, this helpful guide provides coverage of SQL and PL/SQL, as well as practical techniques and tools for optimizing the database and Crystal Reports process, troubleshooting tips, and more. Original. (Advanced)

Tom Kyte of Oracle Magazine's "Ask Tom" column has written the definitive guide to designing and building high-performance, scalable Oracle applications. The book covers schema design, SQL and PL/SQL, tables and indexes, and much more. From the exclusive publisher of Oracle Press books, this is a must-have resource for all Oracle developers and DBAs.

Oracle 8i SQL and PL/SQL Exam Cram is the most recognized, and highly focused, exam preparation product available to professionals gearing up for the Introduction to Oracle: SQL and PL/SQL exam (1Z0-001). The book's well organized, concise layout provides thorough coverage of test content and objectives like writing basic SQL statements, restricting and sorting data, aggregating data using group functions, creating and managing tables, and writing executable statements. Includes the supportive Exam Cram features of helpful hints and tips, test taking strategies, realistic case studies, and challenging practice questions.

The authors have revised and updated this bestseller to include both the Oracle 8i and new Oracle 9i Internet-savvy database products. A complete guide to Oracle DBA management scripts encompasses all areas of Oracle database administration, including data files, table and index management, automating Oracle database administration tasks, initialization parameters, Oracle internals scripting, and other essential topics. Original. (Advanced)

Within the last few years Data Warehousing and Knowledge Discovery technology has established itself as a key technology for enterprises that wish to improve the quality of the results obtained from data analysis, decision support, and the automatic extraction of knowledge from data. The Fourth International Conference on Data Warehousing and Knowledge Discovery (DaWaK 2002) continues a series of successful conferences dedicated to this topic. Its main objective is to bring together researchers and practitioners to discuss research issues and experience in developing and deploying data warehousing and knowledge discovery systems, applications, and solutions. The conference focuses on the logical and physical design of data warehousing and knowledge discovery systems. The scope of the papers covers the most recent and relevant topics in the areas of association rules, clustering, Web mining, security, data mining techniques, data cleansing, applications, data warehouse design and maintenance, and OLAP. These proceedings contain the technical papers selected for presentation at the conference. We received more than 100 papers from over 20 countries, and the program committee finally selected 32 papers. The conference program included one invited talk: "Text Mining Applications of a Shallow Parser" by Walter Daelemans, University of Antwerp, Belgium. We would like to thank the DEXA 2002 Workshop General Chair (Roland Wagner) and the organizing committee of the 13 International Conference on Database and Expert Systems Applications (DEXA 2002) for their support and their cooperation. From the official publishers of Oracle Press books, here is an essential handbook for DBAs working with Oracle Portal. The book explains how to build and deploy portal-driven Web sites using Oracle Portal and demonstrates methods for rapidly creating forms, reports, and graphics applications. Written by a member of the Oracle Portal Customer Advisory Board (CAB), this Oracle-authorized resource includes Oracle Portal 3.0 on CD-ROM.

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

A major revision of the relational SQL-2 database language in 1991 by the ANSI NCITS resulted in the SQL-3 relational data model with many important new features. These features include specifying abstract data types, object identifiers, object methods, inheritance, polymorphism, encapsulation and most features found in object-oriented databases. Many of SQL-3's language components are envisioned to become national AND international standards.

Many databases are large and complex, making them very difficult to manage. In turn, data can become difficult to access, expensive to store, and even damaged or destroyed. Oracle 9i offers new functionality for the Oracle database system, ensuring that the database runs quickly, efficiently, and reliably. Shows the best techniques, tips, and tools for Oracle systems New edition focuses on the 9i version, but also covers releases 8 and 8i since many organizations still support these versions Companion Web site includes all of the software scripts to manage a database, plus links to lite and demo versions of database management software and other DBA tools

Perl is a very powerful tool for Oracle database administrators, but too few DBAs realize how helpful Perl can be in managing, monitoring, and tuning Oracle databases. Whether you're responsible for Oracle9i, Oracle8i, or earlier databases, you'll find Perl an invaluable addition to your database administration arsenal. You don't need to be a Perl expert to use the excellent applications and scripts described in Perl for Oracle DBAs. The book explains what you need to know about Perl, provides a wealth of ready-to-use scripts developed especially for Oracle DBAs, and suggests many resources for further exploration. The book covers: The Perl language -- an introduction to Perl, its rich history and culture, and its extensive text processing and data transformation capabilities. The Perl/Oracle architecture -- Detailed information about Perl DBI, DBD::Oracle, the Oracle Call Interface (OCI), Oracle::OCI, extproc_perl, and mod_perl, the modules that allow Perl programs to communicate with Oracle databases. Perl applications for Oracle DBAs -- Profiles of the best Perl open source applications available for use and customization by Oracle DBAs: Perl/Tk, OraExplain, StatsView, Orac, DDL::Oracle, SchemaDiff, Senora, DBD::Chart, SchemaView-Plus, Oracletool, Karma, Embperl, and Mason. The Perl Database Administration (PDBA) Toolkit -- a comprehensive suite of specialized, ready-to-use scripts designed to help Oracle DBAs perform both routine and special-purpose administrative tasks: monitoring the Oracle alert log and databases, creating and managing Oracle user accounts, maintaining indexes and extents, extracting DDL and data, troubleshooting and tuning database problems, and much more. The book also explains how Oracle DBAs and developers can extend the toolkit and solve their own database administration problems using Perl.

Developers using PL/SQL 9i as an environment for corporate applications will find detailed technical information and practical tips in Lakshman's book.

Updated to cover Oracle 9i, this text first introduces students to relational database concepts and database designing techniques, then teaches them how to design and implement accurate and effective database systems. With its subsequent in-depth coverage of SQL (the universal query language for relational databases) and PL/SQL (Oracle's procedural language extension to SQL), this text serves not only as an introductory guide but also as a valuable future reference. Part IV, Advanced Topics, allows students to further understand and utilize Oracle 9i architecture and administration.

In this unique workbook pedagogy with hands-on exercises, programming projects and a free Web-based training module, the author covers every key Oracle SQL concept: SQL*Plus, DDL, DML, DQL, the Oracle Data Dictionary, and more!

An updated handbook encompasses information on the new features of Oracle9i in regard to SQL program development, basic SQL programming, developing SQLJ stored programs and triggers, advanced SQLJ, and object-relational processing using SQLJ, with case studies that demonstrate the practical, real-world applications of SQLJ. Original. (Intermediate/Advanced)

Intended to complement content on the Dice Web site, this unique career guide is essential reading if you are seeking a better job, changing jobs, or looking for your first job. It provides you with real-world sample resumes, interview dialogue, and helpful career resources, as well as invaluable advice on how you can set yourself about the task of applying for high-competition positions. You'll also learn realistic salary expectations for tech jobs and the importance of certifications, among other vital topics.

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

Here's the book you need to prepare for Exam 70-228, Installing, Configuring, and Administering Microsoft SQL Server 2000. This Study Guide provides: In-depth coverage of every official exam objective Practical information on installing, configuring, and administering SQL

Server 2000 Real-world insights, advice, and recommendations Hundreds of challenging practice questions, in the book and on the CD
Leading-edge exam preparation software, including a test engine and electronic flashcards Authoritative coverage of all exam objectives, including: Installing and configuring SQL Server 2000 Creating SQL Server 2000 databases Managing, monitoring, and troubleshooting SQL Server 2000 databases Extracting and transforming data with SQL Server 2000 Managing and monitoring SQL Server 2000 security Managing, monitoring, and troubleshooting SQL Server 2000 Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

A guide for power users demonstrates the latest features of Oracle Developer v.60

CodeNotes provides the most succinct, accurate, and speedy way for a developer to ramp up on a new technology or language. Unlike other programming books, CodeNotes drills down to the core aspects of a technology, focusing on the key elements needed in order to implement it immediately. It is a unique resource for developers, filling the gap between comprehensive manuals and pocket references. Through real-world examples of PL/SQL queries, stored procedures, triggers, indexing, and more, CodeNotes for Oracle 9i illustrates the complete Oracle database framework, PL/SQL, security, administration, and optimization. Oracle's integration with Java and support for XML are extensively covered. This edition of CodeNotes includes: • A global overview of this technology and explanation of what problems it can be used to solve • Real-world examples • "How and Why" and "Bugs and Caveats" sections that provide hints, tricks, workarounds, and tips on what should be taken advantage of or avoided • "Design Notes" illustrating many of the common use patterns for Java programs • Instructions and classroom-style tutorials throughout from expert trainers and software developers Visit www.codenotes.com for updates, source code templates, access to message boards, and discussion of specific problems with CodeNotes authors and other developers. Join our nonfiction newsletter by sending a blank e-mail to: join-rht-nonfiction@list.randomhouse.com or visit www.atrandom.com Every CodeNotes title is written and reviewed by a team of commercial software developers and technology experts. See "About the Authors" at the front of the book for more information.

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

An introduction to Oracle's use of open source technology explores the applications of nearly one hundred open source tools, including such common applications as Linux, Perl, and Apache, as well as Oracle-specific ones such as Orasof, Orac, OracleTool, and OraSnap, and provides information on how to get them, their benefits, and more. Original. (Intermediate)

Oracle SQL and PL/SQL Handbook A Guide for Data Administrators, Developers, and Business Analysts Addison-Wesley Professional

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