

Oracle Asm 12c Pocket Reference Guide Database Cloud Storage

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

Describes what Exadata is and its available configurations for such features as smart scans, storage indexes, hybrid columnar compression, and Smart Flash Cache.

Proven Database Optimization Solutions—Fully Updated for Oracle Database 12c Release 2 Systematically identify and eliminate database performance problems with help from Oracle Certified Master Richard Niemiec. Filled with real-world case studies and best practices, Oracle Database 12c Release 2

Performance Tuning Tips and Techniques details the latest monitoring, troubleshooting, and optimization methods. Find out how to identify and fix bottlenecks on premises and in the cloud, configure storage devices, execute effective queries, and develop bug-free SQL and PL/SQL code. Testing, reporting, and security enhancements are also covered in this Oracle Press guide. □ Properly index and partition Oracle Database 12c Release 2 □ Work effectively with Oracle Cloud, Oracle Exadata, and Oracle Enterprise Manager □ Efficiently manage disk drives, ASM, RAID arrays, and memory □ Tune queries with Oracle SQL hints and the Trace utility □ Troubleshoot databases using V\$ views and X\$ tables □ Create your first cloud

database service and prepare for hybrid cloud □ Generate reports using Oracle's Statspack and Automatic Workload Repository tools □ Use sar, vmstat, and iostat to monitor operating system statistics

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.

Implement a Centralized Cloud Storage Infrastructure with Oracle Automatic Storage Management Build and manage a scalable, highly available cloud storage solution. Filled with detailed examples and best practices, this Oracle Press guide explains how to set up a complete cloud-based storage system using Oracle Automatic Storage Management. Find out how to prepare hardware, build disk groups, efficiently allocate storage space, and handle security. Database Cloud Storage: The Essential Guide to Oracle Automatic Storage Management shows how to monitor your system, maximize throughput, and ensure consistency across servers and clusters. Set up and configure Oracle Automatic Storage Management Discover and manage disks and establish disk groups Create, clone, and administer Oracle databases Consolidate resources with Oracle Private Database Cloud Control access, encrypt files, and assign user privileges Integrate replication, file tagging, and automatic failover Employ pre-engineered private cloud database consolidation tools Check for data consistency and resync failed disks Code examples in the book are available for download

Oracle DBA Mentor

The Complete Reference

Practical Oracle E-Business Suite

Expert One-on-One Oracle

PDB Me to Oracle Cloud Pocket Solutions Guide

Oracle on LinuxONE

Explores Oracle's implementation of SQL and explains how to perform tasks including querying time-based data, implementing conditional logic in queries, writing queries, and joining data from two or more tables.

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

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

Learn to build and implement a robust Oracle E-Business Suite system using the new release, EBS 12.2. This hands-on, real-world guide explains the rationale for using an Oracle E-Business Suite environment in a business enterprise and covers the major technology stack changes from EBS version 11i through R12.2. You will learn to build up an EBS environment from a simple single-node installation to a complex multi-node high available setup. Practical Oracle E-Business Suite focuses on release R12.2, but key areas in R12.1 are also covered wherever necessary. Detailed instructions are provided for the installation of EBS R12.2 in single and

multi-node configurations, the logic and methodology used in EBS patching, and cloning of EBS single-node and complex multi-node environments configured with RAC. This book also provides information on FMW used in EBS 12.2, as well as performance tuning and EBS 12.2 on engineered system implementations. What You Will Learn:
Understand Oracle EBS software and the underlying technology stack components
Install/configure Oracle E-Business Suite R12.2 in simple and HA complex setups
Manage Oracle EBS 12.2
Use online patching (adop) for Installation of Oracle EBS patches
Clone an EBS environment in simple and complex configurations
Perform and tune Oracle EBS in all layers (Application/DB/OS/NW)
Secure E-Business Suite R12.2
Who This Book Is For:
Developers, data architects, and data scientists looking to integrate the most successful big data open stack architecture and how to choose the correct technology in every layer

*** The only book that covers the latest versions of the PeopleSoft tools and the Tuxedo application server. ***
One of the very few resources that is specific to the Oracle database, rather than being database generic. *
Written by a recognized expert, who has based the book on his extensive experience administering and performance-tuning PeopleSoft systems.

Oracle Enterprise Manager Cloud Control 12c

Oracle Database 10g The Complete Reference

Pro Oracle Database 11g RAC on Linux

OCP: Oracle Database 12c Administrator Certified Professional Study Guide

The Cloud DBA-Oracle

Oracle Database Upgrade and Migration Methods

** A proven best-seller by the most recognized Oracle expert in the world. * The best Oracle book ever written. It defines what Oracle really is, and why it is so powerful. * Inspired by the thousands of questions Tom has answered on his <http://asktom.oracle.com> site. It tackles the problems that developers and DBAs struggle with every day. * Provides everything you need to know to program correctly with the database and exploit its feature-set effectively.*

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 the dramatically updated Oracle 12c OCA exams.

Linux Recipes for Oracle DBAs is an example-based book on managing Oracle Database in a Linux environment. Covering commonly used distributions such as Red Hat Enterprise Linux and Oracle Enterprise Linux, the book is written for database administrators who need to get work done and lack the luxury of curling up fireside with a stack of Linux documentation. The book is task-oriented: Look up the task to perform. See the solution. Read up on the details. Get the job done. Takes you directly from problem to solution Covers the "right" mix of Linux user and administration tasks for database administrators Respects your time by being succinct and to-the-point What you'll learn Execute Linux commands applicable to Oracle Database administration. Write shell scripts to automate critical DBA tasks. Monitor, tune, and optimize a Linux server to run Oracle Database. Perform Linux system administration tasks relevant to Oracle Database. Implement Oracle real application clusters on Linux. Implement Oracle automatic storage management on Linux. Remotely (and securely!) manage Oracle on Linux. Who this book is for Linux Recipes for Oracle DBAs is a book for Oracle database administrators who want to expertly operate Oracle databases on the Linux operating system. If you're new to Linux, or are migrating from a Unix platform, or just want detailed solutions for tasks that Oracle DBAs perform on Linux servers, this book is for you.

Maximize Oracle Exadata Capabilities Leverage all of the powerful features available in the Oracle Exadata Database Machine using the proven techniques inside this Oracle Press guide. Written by Oracle experts, Achieving Extreme Performance with Oracle Exadata shows you how to take full advantage of this complete, optimized package of software, servers, and storage. Best practices for enterprise deployments, high availability, administration, backup and recovery, data warehousing, online transaction processing, consolidation, and migration are included in this authoritative resource. Take advantage of the tightly integrated hardware and software in the Oracle Exadata Database Machine Work with Oracle Exadata software features, including Smart Scans, Oracle Exadata Hybrid Columnar Compression, storage indexes, Oracle Exadata Smart Flash Cache, and I/O Resource Manager Understand Oracle Exadata Database Machine balanced hardware architecture Architect, administer, and monitor Oracle Exadata Storage Servers Deploy data warehouses on the Oracle Exadata Database Machine Run online transaction processing (OLTP) workloads on the Oracle Exadata Database Machine Consolidate databases with and migrate databases to the Oracle Exadata Database Machine

An updated guide for an updated certification exam! As the most popular database software in the world, Oracle Database 12c has been updated for the first time in nearly six years and the changes are significant. This study guide reviews how Oracle 12c allows multiple instances to be used simultaneously

via the cloud. You'll sharpen your skills to prepare for the three levels of certification: Oracle Certified Associate, Oracle Certified Professional, and Oracle Certified Master. Workbook exercise appendix, test engine, chapter review questions, electronic flashcards, searchable PDF glossary, and two bonus practice exams all help to enhance your preparation to take the Oracle 12c exam. Addresses such topics as: database architecture, configuring and recoverability, configuring backup specifications, and performing 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 using flashback technology. Covers diagnosing the database, managing memory, managing resources, and automating tasks. Focusing 100 percent on the exam objectives, OCP: Oracle Database 12c Administrator Certified Professional Study Guide is designed for those who feel they are ready to attempt this challenging exam.

The Essential Reference

Expert Oracle RAC 12c

Expert Oracle Exadata

Succeeding as an Oracle Database Administrator

Oracle SQL

The Essential Guide to Oracle Automatic Storage Management

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

Expert Oracle RAC 12c is a hands-on book helping you understand and implement Oracle Real Application Clusters

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

There are hundreds of thousands of Oracle Certified Professional (OCP) DBAs around the world. Most of 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!

Maximize database availability; scalability; and efficiency using Oracle Real Application Clusters (RAC) and the in-depth information contained in this official Oracle Press guide. --

Get a Solid Foundation in Oracle Database Technology Master Oracle Database 11g fundamentals quickly and easily. Using self-paced tutorials, this book covers core database essentials, the role of the administrator, high availability, and large database features. Oracle Database 11g: A Beginner's Guide walks you, step by step, through database setup, administration, programming, backup, and recovery. In-depth introductions to SQL and PL/SQL are included. Designed for easy learning, this exclusive Oracle Press guide offers: Core Concepts--Oracle Database 11g topics presented in logically organized chapters Critical Skills--Lists of specific skills covered in each chapter Projects--Practical exercises that show how to apply the critical skills learned in each chapter Progress Checks--Quick self-assessment sections to check your progress Notes--Extra information related to the topic being covered Mastery Checks--Chapter-ending quizzes to test your knowledge

Linux and Solaris Recipes for Oracle DBAs

Exams 1Z0-061 and 1Z0-062

Experiences with Oracle Database 12c Release 1 on Linux on System z

Oracle Exadata Survival Guide

Mastering Oracle SQL

Oracle Data Guard 11g Handbook

This book is a practical step-by-step tutorial with screenshots for carrying out tasks showing you how to manage and administer your data center with Oracle Enterprise Manager. It is packed with best practices and tips that will help you benefit from the author's extensive experience of working with Oracle Enterprise Manager since at least a decade, and combined with his 25+ years IT industry experience. If you are a Data Center, IT or Database Team manager who wants to

take advantage of the automation and compliance benefits of Enterprise Manager 12c Cloud Control, then Oracle Enterprise Mana.

Pro Oracle Database 11g RAC on Linux provides full-life-cycle guidance on implementing Oracle Real Application Clusters in a Linux environment. Real Application Clusters, commonly abbreviated as RAC, is Oracle's industry-leading architecture for scalable and fault-tolerant databases. RAC allows you to scale up and down by simply adding and subtracting inexpensive Linux servers. Redundancy provided by those multiple, inexpensive servers is the basis for the failover and other fault-tolerance features that RAC provides. Written by authors well-known for their talent with RAC, Pro Oracle Database 11g RAC on Linux gives you a rock-solid and technically flawless foundation on which to build your RAC-management skills. Authors Julian Dyke and Steve Shaw share their hard-won experience in building RAC clusters, showing you how to build for success using the very latest Oracle technologies, such as Automatic Storage Management (ASM) and Oracle Clusterware. You'll learn to troubleshoot performance and other problems. You'll even learn how to correctly deploy RAC in a virtual-machine environment based upon Oracle VM, which is the only virtualization solution supported by Oracle Corporation. RAC is a complex and powerful technology. It demands expertise in its deployment. You can't just "wing it" in creating a RAC solution. Julian and Steve have earned the right to term themselves expert—in Pro Oracle Database 11g RAC on Linux, they offer a rigorous and technically-correct treatment of RAC that helps you build a solid foundation of expertise and achieve success. Rigorous and technically accurate content Complete coverage of RAC, from planning to implementation to rollout to ongoing maintenance and troubleshooting Up-to-date with the very latest RAC features

Linux and Solaris Recipes for Oracle DBAs, 2nd Edition is an example-based book on managing Oracle Database under Linux and Solaris. The book is written for database administrators who need to get work done and lack the luxury of curling up fireside with a stack of operating-system documentation. What this book provides instead is task-oriented coverage designed around the needs of the Oracle Database Administrator. Find the right chapter. Look up the task to perform. See the solution. Implement the solution straight away in your own environment. Get the job done. New in this edition is coverage of Oracle's own Solaris operating system. Oracle Corporation has been working diligently to bring commonality between Solaris and Linux, and this book takes advantage of those efforts to provide task-oriented solutions that work on common distributions of Linux such as Red Hat Enterprise Linux and Oracle Enterprise Linux while also accommodating the growing number of Oracle Solaris customers. Examples in the book match the tasks DBAs perform daily, even hourly. Solutions come first in the book, but always are followed by close explanations of the details. Database administrators won't go wrong with Linux and Solaris Recipes for Oracle DBAs. It's the book to buy if you're after clear and reliable examples to help in getting the job done, and getting home to your family. Takes you directly from problem to solution Covers the "right"

mix of operating-system tasks for database administrators Respects your time by being succinct and to-the-point Includes coverage of Solaris in addition to common Linux distributions What You Will Learn Execute Linux and Solaris commands applicable to Oracle Database. Automate critical DBA tasks via operating-system shell scripts. Monitor, tune, and optimize Linux and Solaris servers for Oracle. Setup a VirtualBox environment for the Oracle database. Perform system administration tasks relevant to Oracle Database. Remotely (and securely!) manage Oracle on Linux and Solaris. Who This Book Is For Linux and Solaris Recipes for Oracle DBAs is a book for Oracle database administrators who want to expertly operate Oracle databases on the Linux and Solaris operating systems. If you're new to Linux and Solaris and can benefit from detailed examples showing how to perform tasks that Oracle DBAs perform on Linux and Solaris servers, then this book is what you need to help you get the job done, and get home on time.

IBM® is a Platinum level Partner in the Oracle Partner Network, which delivers the proven combination of industry insight, extensive real-world Oracle applications experience, deep technical skills, and high-performance servers and storage to create a complete business solution with a defined return on investment. From application selection, purchase, and implementation to upgrade and maintenance, we help organizations reduce the total cost of ownership and the complexity of managing their current and future applications environment while building a solid base for business growth. Oracle Database running on Linux is available for deployment on IBM LinuxONE by using Redhat Enterprise Linux (RHEL) or SUSE Linux Enterprise Server (SLES). This enterprise-grade solution is designed to add value to Oracle Database solutions. This IBM Redpaper® publication focuses on accepted good practices for installing and getting started by using Oracle Database, which provides you with an environment that is optimized for performance, scalability, flexibility, and ease-of-management.

Plan and Implement Hadoop Virtualization for Maximum Performance, Scalability, and Business Agility Enterprises running Hadoop must absorb rapid changes in big data ecosystems, frameworks, products, and workloads. Virtualized approaches can offer important advantages in speed, flexibility, and elasticity. Now, a world-class team of enterprise virtualization and big data experts guide you through the choices, considerations, and tradeoffs surrounding Hadoop virtualization. The authors help you decide whether to virtualize Hadoop, deploy Hadoop in the cloud, or integrate conventional and virtualized approaches in a blended solution. First, Virtualizing Hadoop reviews big data and Hadoop from the standpoint of the virtualization specialist. The authors demystify MapReduce, YARN, and HDFS and guide you through each stage of Hadoop data management. Next, they turn the tables, introducing big data experts to modern virtualization concepts and best practices. Finally, they bring Hadoop and virtualization together, guiding you through the decisions you'll face in planning, deploying, provisioning, and managing virtualized Hadoop. From security to multitenancy to day-to-day management, you'll find reliable answers for choosing your best Hadoop strategy and executing it. Coverage includes the

following: • Reviewing the frameworks, products, distributions, use cases, and roles associated with Hadoop • Understanding YARN resource management, HDFS storage, and I/O • Designing data ingestion, movement, and organization for modern enterprise data platforms • Defining SQL engine strategies to meet strict SLAs • Considering security, data isolation, and scheduling for multitenant environments • Deploying Hadoop as a service in the cloud • Reviewing the essential concepts, capabilities, and terminology of virtualization • Applying current best practices, guidelines, and key metrics for Hadoop virtualization • Managing multiple Hadoop frameworks and products as one unified system • Virtualizing master and worker nodes to maximize availability and performance • Installing and configuring Linux for a Hadoop environment
Expert Oracle GoldenGate

Oracle ASM 12c Pocket Reference Guide

An Implementation and Management Guide

Virtualizing Hadoop

A Lazy DBA's Guide to Mastering Multitenant Features on Oracle Cloud

OCA: Oracle Database 12c Administrator Certified Associate Study Guide

New Oracle database administrators can get off the ground running. This book helps you develop the ability to think on your feet and move focus in an instant from arcane syntax details to broad, corporate issues. Along the way, you will see how to create your first database and implement best practices to ensure a well-running database system. What makes Oracle DBA Mentor different is that it also teaches you how to obtain answers that are not found in this or other books. Focus is given to creating a test bed and running test cases to examine hypotheses and prove out solutions so you can be sure they work in production. Attention is given to navigating product documentation and networking in forums and social media to build your skills and a network to draw on when solving problems under pressure. There are chapters of step-by-step technical content as well as coverage of essential skills to succeed as a DBA no matter which database engine you administer. By the time you are done reading this book, you will have confidence to face many of the situations thrown in your direction. You will know where to go for the answers you don't yet know that you need. You'll be able to work and troubleshoot under pressure. You'll know how to create a database, institute backup and recovery procedures, secure the database and its valuable corporate data, and acquire more knowledge as needed so you can run a database to meet the needs of your organization. What You'll Learn
Install Oracle Database with best practices Implement backup and recovery procedures Understand the fundamentals of databases and data security Find answers to technical problems using Oracle documentation, Oracle Support, and other resources Patch and upgrade an Oracle database Who This Book Is For
The novice database

administrator who wants help getting off the ground with their DBA career, and in building the skills to let that career flourish in the long term. Mid-level DBAs will also find the book helpful as they try to grow their career to the next level. While the book is geared toward the Oracle platform, database administrators from other platforms can benefit from the soft skills covered in this book.

Oracle ASM 12c Pocket Reference Guide Database Cloud Storage

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

Learn all of the available upgrade and migration methods in detail to move to Oracle Database version 12c. You will become familiar with database upgrade best practices to complete the upgrade in an effective manner and understand the Oracle Database 12c patching process. So it's time to upgrade Oracle Database to version 12c and you need to choose the appropriate method while considering issues such as downtime. This book explains all of the available upgrade and migration methods so you can choose the one that suits your environment. You will be aware of the practical issues and proactive measures to take to upgrade successfully and reduce unexpected issues. With every release of Oracle Database there are new features and fixes to bugs identified in previous versions. As each release becomes obsolete, existing databases need to be upgraded. Oracle Database Upgrade and Migration Methods explains each method along with its strategy, requirements, steps, and known issues that have been seen so far. This book also compares the methods to help you choose the proper method according to your constraints. Also included in this book: Pre-requisite patches and pre-upgrade steps Patching to perform changes at the binary and database level to apply bug fixes What You Will Learn: Understand the need and importance of database upgrading and migration Be aware of the challenges associated with database upgrade decision making Compare all upgrade/migration methods Become familiar with database upgrade best practices and recommendations Understand

database upgrade concepts in high availability and multi-tenant environments Know the database downgrade steps in case the upgraded database isn't compatible with the environment Discover the features and benefits to the organization when it moves from the old database version to the latest database version Understand Oracle 12c patching concepts Who This Book Is For: Core database administrators, solution architects, business consultants, and database architects

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

Temenos on IBM LinuxONE Best Practices Guide

Oracle Exadata Expert's Handbook

Oracle Database 11g A Beginner's Guide

Achieving Extreme Performance with Oracle Exadata

PeopleSoft for the Oracle DBA

Provides beginning DBAs and developers with a solid foundation in the database administration and programming basics need an Oracle career. The focus is on Oracle Database 10g, but you'll get the fundamentals applicable to all Oracle database rele Oracle Database 12c Release 1 is now supported on Linux on IBM® System z®. This platform offers many advantages to cust upon the IBM mainframe systems to run their businesses. Linux on System z takes advantage of the qualities of service in th and in IBM z/VM®, making it a robust industrial strength version of Linux. This provides an excellent platform for hosting Ora that run in an enterprise. This IBM Redbooks® publication shares experiences that are gained while installing and testing Ora 12c Release 1: Recommendations about how to set up an infrastructure Installing an Oracle Grid Infrastructure Installing Ora

Application Clusters (RAC) and creating a RAC Database, including a multitenant database Using the Cloud Control Agent to m
Database 12c Release 1 Installing Oracle WebLogic Server 12c Upgrading from an Oracle Database from 11gR2 to 12c Releas
audience for this publication includes database consultants, installers, administrators, and system programmers. This publicat
to replace Oracle documentation, but to supplement it with our experiences while installing and using Oracle products.

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

Expert Oracle Exadata, 2nd Edition opens up the internals of Oracle's Exadata platform so that you can fully benefit from the
and scalable database hardware appliance capable of running Oracle Database. This edition is fully-updated to cover Exadata
Database 12c. If you're new to Exadata, you'll soon learn that it embodies a change in how you think about and manage relat
key part of that change lies in the concept of offloading SQL processing to the storage layer. In addition there is Oracle's eny
creating a powerful platform for both consolidation and transaction processing. The resulting value proposition in the form o
truly been a game-changer. Expert Oracle Exadata, 2nd Edition provides a look at the internals and how the combination of h
software that comprise Exadata actually work. Authors include Martin Bach, Andy Colvin, and Frits Hoogland, with contributi
Arao, and built on the foundation laid by Kerry Osborne, Randy Johnson, and Tanel Poder in the first edition. They share their
experience gained through a great many Exadata implementations, possibly more than any other group of experts today. Alwa
toward helping you advance your career through success with Exadata in your own environment. This book is intended for re
understand what makes the platform tick and for whom—"how" it does what it is does is as important as what it does. By b
features that are unique to Exadata, you will gain an understanding of the mechanics that will allow you to fully benefit from
that the platform provides. This book changes how you think about managing SQL performance and processing. It provides a
successful Exadata implementation. And it removes the "black box" mystique. You'll learn how Exadata actually works and be
manage your Exadata engineered systems in support of your business. This book: Changes the way you think about managing
performance and processing Provides a roadmap to successful Exadata implementation Removes the "black box" mystique, sh
Exadata actually works

This book focuses on range of Oracle Database 12c Release 2 Multitenant features on Oracle Cloud, including faster PDB clo

downtime, tighter resource control at the PDB level, ILM Automatic Data Optimization (ADO) policies for PDBs using Heat Map, and FLASHBACK recovery for individual PDBs. This book explores the latest features of Oracle Database 12cR1 and 12cR2 Multitenant and provides practical, hands-on experience; as well as numerous code examples that can immediately be leveraged when deploying, upgrading to, and migrating to CDBs and PDBs with zero downtime. This book also demonstrates compelling Multitenant features: Migrating Databases to Oracle Cloud* How to Perform Extreme Consolidation with Oracle PDBs * How to Deal with Oracle Workspaces on Oracle Cloud* Application Containers: Isolating Applications from Each Other* Juggling Hot PDBs: Multitenant Migration Techniques* Implementing PDB Memory, CPU, I/O, and Other Resource Limits* Hot Data, Cold Data: Leveraging ILM and ADO for PDBs

Expert Oracle Database 11g Administration
Oracle Database 12c The Complete Reference
Linux Recipes for Oracle DBAs
Oracle Database 10 G Real Application Clusters Handbook
Oracle on IBM Z

The world's most successful banks run on IBM®, and increasingly IBM LinuxONE. Temenos, the global leader in banking software, has worked alongside IBM for many years on banking deployments of all sizes. This book marks an important milestone in that partnership. Temenos on IBM LinuxONE Best Practices Guide shows financial organizations how they can combine the power and flexibility of the Temenos solution with the IBM platform that is purpose built for the digital revolution.

Get a thorough understanding of Oracle Database 10g from the most comprehensive Oracle database reference on the market published by Oracle Press. From critical architecture concepts to advanced object-oriented concepts, this powerhouse contains nearly 50 chapters designed to enlighten you. Upgrade from earlier versions, use SQL, SQL Plus, and PL/SQL. Get code examples and access popular documentation PDFs--plus a full electronic copy of the book on the included CD-ROM. Go beyond the basics and learn security, text searches, external tables, using Java in Oracle, and a great deal more.

SQL (Structured Query Language), the heart of a relational database management system, is the language used to query the database, to create new tables in the database, to update and delete fields, and to set access privileges. Aimed at everyone who needs to access an Oracle database using SQL, including developers, DBAs, designers, and managers, this book delivers all the information they need to know about standard SQL, and Oracle's extensions to it.

Expert Oracle GoldenGate is a hands-on guide to creating and managing complex data replication environments using the latest database replication technology from Oracle. GoldenGate is the future in replication technology from Oracle, and aims to be the best of-breed. GoldenGate supports homogeneous replication between Oracle databases. It supports heterogeneous replication involving other brands such as Microsoft SQL Server and IBM DB2 Universal Server. GoldenGate is high-speed, bidirectional, highly-parallelized, and makes only a light impact on the performance of databases involved in replication. The authors share t

experience in the form of tutorials on designing and implementing all types of Oracle GoldenGate environments. You'll learn methods for tuning Oracle GoldenGate performance. You'll discover GoldenGate's utility as a migration and extract, transform, load (ETL) tool. You'll learn to configure highly-available environments involving GoldenGate, Real Application Clusters, and Data Guard. From installation to design to implementation and troubleshooting, Expert Oracle GoldenGate helps you master all aspects of using and applying Oracle GoldenGate as the replication tool of choice in your environment. Explains all aspects of using GoldenGate for replication Covers homogeneous, heterogeneous, and bidirectional replication Shows the use of GoldenGate for data migration and extract, transform, load (ETL)

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

Exam 1Z0-063

Expert Consolidation in Oracle Database 12c

Best practices and Getting Started Guide for Oracle on IBM LinuxONE

Database Cloud Storage

Including Oracle 12c Release 2

Study Guide for Oracle Certified Master 11g Exam

Oracle ASM continues to be the best practice to implementing Oracle Databases. Whether you are leveraging a single instance database or a clustered database with RAC, you can benefit from the real-life examples to administering and maintaining ASM from this book. Consolidated by Charles Kim and Nitin Vengurlekar, this pocket reference guide is loaded with command line interface syntax for Oracle ASM 11g Release 2 or Oracle ASM 12c. It does not matter if you are a newbie to ASM or a long time veteran, this pocket reference guide is packed with relevant tidbits. Both Charles and Nitin have combined experiences of over 48 years of Oracle

experience and are authors of many Oracle books. Charles is the Founder and President of Viscosity North America and Nitin is the Chief Technology Officer. They are subject matter experts of RAC/ASM/Exadata technologies.

Oracle Database 12c Performance Tuning Recipes

Oracle Database 10g: A Beginner's Guide

A Problem-Solution Approach

Managing Oracle Database in the Cloud

A Comprehensive Guide

How to Install, Deploy, and Optimize Hadoop in a Virtualized Architecture