
Oracle Backup Und Recovery Das Praxisbuch Fur All

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2022-12-25

LACEY KENDRICK

Oracle Back Up and Recovery Handbook Apress

The Zero Data Loss Recovery Appliance (ZDLRA), also called the Recovery Appliance, is a brand new engineered system from Oracle Corporation, which takes a fundamentally different approach to data protection. Ramesh explores how the system can be used to back up and recover thousands of Oracle databases. The Recovery Appliance virtually eliminates data loss with its revolutionary design. This is your complete guide to the first engineered system for data protection from Oracle Corporation, the Zero Data Loss Recovery Appliance. You will find concise treatment of all the key capabilities presented in a comprehensive, all grain, no chaff format. This book is an invaluable resource for all things ZDLRA, and helps you get the most from your

investment in this groundbreaking appliance for business continuity. Oracle Recovery Appliance Handbook is focused on helping to get you up to speed on protecting data in the most disaster-proof manner. Recover and Rejoice by implementing ZDLRA today in your organization using this guide!

Oracle Database 12c Backup and Recovery Survival Guide IBM Redbooks An enormous system comprising myriad technologies, options, and releases, Oracle's complexities have spawned numerous areas of specialization. For each area of specialization there are equally specialized how-to books and manuals. O'Reilly's Oracle Essentials claims a unique place among these books. Rather than focusing on one area, the book explains the foundational concepts of the Oracle technology and the core technical and business aspects of using it. The new edition of this classic book, Oracle Essentials, 3rd Edition: Oracle Database 10g, distills a vast amount of knowledge into an easy-to-

read volume covering every aspect of the Oracle database. Readers of all levels will learn about Oracle's features and technologies, including the product line, architecture, data structures, networking, concurrency, tuning, and much more. Featuring focused text, abundant illustrations, and helpful hints, the new edition offers a valuable overview of Oracle's Database 10g--the industry's first database to support grid computing. Recent releases such as Oracle 9i and 8i are also covered. The book contains chapters on: Oracle products, options, and overall architecture for Oracle 10g and prior recent releases Installing and running Oracle: how to configure, start up, and shut down the database, and various networking issues Oracle data structures, datatypes, and ways of extending datatypes, with an introduction to Oracle objects (e.g., tables, views, indexes) Managing Oracle: security, the Oracle Enterprise Manager, fragmentation and reorganization, and backup and recovery Oracle performance: characteristics of disk, memory, and CPU tuning Multi-user concurrency, online transaction processing (OLTP), and high availability Hardware architectures (e.g., SMP, MPP, NUMA) and their impact on Oracle Data warehousing and distributed databases Network deployment: using Oracle as an Internet computing platform and for grid computing What's new in Oracle 10g: a summary of the database changes described in the book Oracle Essentials, 3rd Edition: Oracle Database 10g was written for anyone whose job involves managing or building systems using Oracle DBMS technology or working with staff that uses Oracle technology. This book is the perfect all-in-one source for understanding the complexities and

capabilities of Oracle.

Oracle RMAN Pocket Reference

Osborne Publishing

The "Oracle Backup and Recovery Handbook" covers version 7.3 and adds A whole new set of backup and recovery techniques. More importantly, the author has added a new case study to the book on "standby databases", which are replications of the main database. With 7.3, Oracle has made the standby database feature much more intuitive and easy to use.

Oracle Backup and Recovery: Expert Secrets for Using RMAN and Data Pump

Apress

Backup and recovery are mission-critical DBA tasks, and it is critical that every Oracle professional develop a RMAN strategy that guarantees recoverability while minimizing unplanned downtime. RMAN is one of the world's most sophisticated backup and recovery tools. It is robust and complex with thousands of options. This landmark book demonstrates, by example, how to create a successful backup and recovery infrastructure using RMAN. This book also contains links to RMAN video tutorials and a download of working RMAN scripts to guide users through full automation of a backup strategy. Together, backup and recovery are the single most important combined DBA activity, and it is crucial that you master the RMAN and Data Pump Import utilities to protect against catastrophic data loss. Written by practicing Oracle DBAs with years of RMAN experience, this is a pragmatic approach to RMAN, focusing less on theory and more on real-world, practical RMAN tools, tips and techniques. This Oracle backup and recovery book is unique because it provides real-world examples on how to use RMAN and other tools to protect

your mission critical data. Even with reliable mirrored disks, your important Oracle database is still at-risk from software corruption, user error and hardware failures. This book details Oracle RMAN best practices and shows the best ways to minimize backup and recovery time, which is critical for maximizing system availability. This is the definitive RMAN reference that guides you, step-by-step, through all of the techniques for Oracle backup and recovery, from simple cold backups to complex incremental backups. Experienced RMAN experts guide you through the installation, setup and configuration for a complete RMAN backup and recovery infrastructure using proven techniques and Oracle best practices. Best of all, you be given the opportunity to learn from supplemental video tutorials and working examples how to recover from every possible data scenario. This book has step-by-step checklists that you can follow to guide you through a complex recovery with minimal unplanned system outages. This is an indispensable RMAN reference for every professional DBA who needs to ensure that they understand every possible backup and recovery strategy. It also contains a download of working RMAN scripts to help you easily automate and monitor your RMAN backups.

OCP: Oracle Database 12c Administrator Certified Professional Study Guide
McGraw Hill Professional

In this book, Oracle experts Darl Kuhn, Sam Alapati, and Arup Nanda show you the power of Recovery Manager, or RMAN, which is Oracle's backup and recovery tool of choice. Oracle RMAN Recipes helps you take advantage of all that RMAN has to offer. This handy guide demystifies the steps required to protect

your business data. It provides ready-made and example-based solutions to common (and some not-so-common) backup and recovery operations.

Oracle Backup & Recovery Handbook
McGraw Hill Professional

This edition, revised for Oracle8, focuses exclusively on issues related to backup and recovery. Complete coverage is given of Oracle on NT and the new object-oriented database features. The book also explores common user errors encountered with Oracle8 and how to fix them.

RMAN Recipes for Oracle Database 11g
"O'Reilly Media, Inc."

"The developer who has failed in design can be forgiven, but the administrator who has failed in backup and recovery cannot be forgiven." Just as the above indicates, backup and recovery requires a lot of experiences and knowledge along with discretion. However, it would be too risky to learn the backup and recovery by practicing it, because a simple failure in the backup and recovery will generate tremendous loss. That is why you have to study how to respond and keep a good book at hand so that you can get help from the book whenever you want. In this sense, I can guarantee that this book will serve as a strong anchor when you are in trouble. One of the characteristics of the book is that it presents various types of errors and failures you may encounter at the field. It analyzes error and failure causes from the different perspectives, and explains how to actually do the recovery, particularly focusing on the practical work. It also contains many case-by-case scenarios that are easy to find, so you can get the solutions you need without any difficulty. For example, when you start up the Oracle you may face "ORA-00205: error in identifying control

file, check alert log for more info" message and see the Oracle server doesn't start. In this case, you can refer to the case 1 in the chapter 5 to immediately know the solution. If you drop a table by mistake, you may refer to the chapter 9 in order to recover the table without stopping the server. If you want to respond to the errors and failures that happen in a RAC environment, you can go to the chapter 12 and refer to the cases of various error types. Simply speaking, this book classifies all the errors and failures based on their types, and explains their causes and the responses to them. Sometimes you may successfully do the recovery, not knowing how the recovery is done. This is because you simply memorize how to respond. If you understand the principles of the recovery, going beyond simple memorization, you can always respond to a more complex and difficult situation. Understanding the principles will help you put your knowledge to practical use. Various examples and easy explanations on the principles of the book will surely enhance your ability to apply your knowledge. Make sure you keep this book in order to become the professional engineer who never fails in backup and recovery!

1. Oracle Recovery Principles
2. No Archive Log Mode and Archive Log Mode
3. Oracle Backup
4. Parameter File Management and Recovery
5. Control File Recovery
6. Log Miner Use and Redo Log File Error
7. Data File Error and User Error Recovery
8. Data Migration
9. Emergency Recovery in DB Open
10. Flashback
11. Recovery Manager (RMAN)
12. RAC Backup and Recovery (Raw device)
13. Block Corruption Recovery

Oracle-10g-Hochverfügbarkeit
AuthorHouse
Includes information that every Oracle

administrator and programmer must know to maximize uptime and recover data without compromising mission critical systems.

RMAN for Oracle Database 19c Part I
Packt Publishing Ltd

Take full advantage of RMAN (Recovery Manager), the backup and recovery technology built into Oracle9i. From the exclusive publishers of Oracle Press books, this expert guide details RMAN's features and explains how to set up databases for RMAN, back up and recover databases with RMAN, use the recovery catalog, and much more.

Oracle Database 10g RMAN Backup & Recovery "O'Reilly Media, Inc."

The book follows a tutorial-based approach, covering all the best practices for backup and recovery. The book starts by introducing readers to the world of backup and recovery, then moves on to teach them the new features offered by Oracle 12c. The book is full of useful tips and best practices that are essential for any DBA to perform backup and recovery operations in an organization. This book is designed for Oracle DBAs and system administrators. The reader will have a basic working experience of administering Oracle databases. This book is designed for Oracle DBAs and system administrators. This book will become a reference guide and will also help you to learn some new skills, and give you some new ideas you never knew about, helping you to easily find the solution to some of the most well-known problems you could encounter as DBAs.

Oracle 11g For Dummies "O'Reilly Media, Inc."

Packed with practical, freely available backup and recovery solutions for Unix, Linux, Windows, and Mac OS X systems - - as well as various databases -- this new

guide is a complete overhaul of Unix Backup & Recovery by the same author, now revised and expanded with over 75% new material. Backup & Recovery starts with a complete overview of backup philosophy and design, including the basic backup utilities of tar, dump, cpio, ntbackup, ditto, and rsync. It then explains several open source backup products that automate backups using those utilities, including AMANDA, Bacula, BackupPC, rdiff-backup, and rsnapshot. Backup & Recovery then explains how to perform bare metal recovery of AIX, HP-UX, Linux, Mac OS, Solaris, VMWare, & Windows systems using freely-available utilities. The book also provides overviews of the current state of the commercial backup software and hardware market, including overviews of CDP, Data De-duplication, D2D2T, and VTL technology. Finally, it covers how to automate the backups of DB2, Exchange, MySQL, Oracle, PostgreSQL, SQL-Server, and Sybase databases - without purchasing a commercial backup product to do so. For environments of all sizes and budgets, this unique book shows you how to ensure data protection without resorting to expensive commercial solutions. You will soon learn to: Automate the backup of popular databases without a commercial utility Perform bare metal recovery of any popular open systems platform, including your PC or laptop Utilize valuable but often unknown open source backup products Understand the state of commercial backup software, including explanations of CDP and data de-duplication software Access the current state of backup hardware, including Virtual Tape Libraries (VTLs)

Oracle Advanced RMAN Backup & Recovery Guide MITP-Verlags GmbH & Co. KG

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

So You Want to Be an Oracle Db
iUniverse

Written by Oracle insiders, this indispensable guide distills an enormous amount of information about the Oracle Database into one compact volume. Ideal for novice and experienced DBAs, developers, managers, and users, Oracle Essentials walks you through technologies and features in Oracle's product line, including its architecture, data structures, networking, concurrency, and tuning. Complete with illustrations and helpful hints, this fifth

edition provides a valuable one-stop overview of Oracle Database 12c, including an introduction to Oracle and cloud computing. Oracle Essentials provides the conceptual background you need to understand how Oracle truly works. Topics include: A complete overview of Oracle databases and data stores, and Fusion Middleware products and features Core concepts and structures in Oracle's architecture, including pluggable databases Oracle objects and the various datatypes Oracle supports System and database management, including Oracle Enterprise Manager 12c Security options, basic auditing capabilities, and options for meeting compliance needs Performance characteristics of disk, memory, and CPU tuning Basic principles of multiuser concurrency Oracle's online transaction processing (OLTP) Data warehouses, Big Data, and Oracle's business intelligence tools Backup and recovery, and high availability and failover solutions

Oracle DBA Backup and Recovery Quick Reference "O'Reilly Media, Inc."

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.

Backup and Recovery John Wiley & Sons Oracle RMAN Pocket Reference is a handy guide for DBAs who intend to use Oracle Recovery Manager for database backup and recovery. Because Recovery Manager (RMAN) is a relatively new tool, many DBAs are just becoming familiar with it. They will welcome a timely book that explains clearly and concisely how to use RMAN for common backup and recovery tasks that are infrequent, yet extremely vital. The first portion of the book is primarily task-oriented. After a short section on RMAN architecture, the book shows (in checklist style) how to perform common backup and recovery tasks such as: Implementing a recovery catalog Creating and running RMAN scripts Configuring input/output channels Taking a full database backup Backing up tablespaces and datafiles Taking incremental backups Recovering lost datafiles The second portion of the book consists of a handy syntax reference to the many RMAN commands. Having a quick reference to RMAN commands is a great convenience to DBAs who otherwise, often under the pressure of a

recovery situation, would have to wade through Oracle's online documentation. [Oracle 11g iUniverse](#)

RMAN Recipes for Oracle Database 12c is an example-driven approach to the Oracle database administrator's #1 job responsibility: Be able to recover the database. Of all the things you are responsible for as database administrator, nothing is more important than the data itself. Like it or not, the fearsome responsibility of protecting your organization's most critical data falls squarely upon your shoulders: Lose that data and your company could fail. Lose that data and you could be out of a job. Oracle's flagship database product fortunately implements a wide-ranging feature set to aid you in the all-important task of safeguarding against data loss. Recovery Manager, or RMAN, is at the heart of that feature set, and is the tool most-often used to initiate database backup and recovery operations. In this book, well-known authors and database experts Darl Kuhn, Sam Alapati, and Arup Nanda have created a set of examples encompassing the gamut of backup and recovery tasks that you might need to perform. Sometimes, especially when the heat is on, a good example is what you need to get started towards a solution. **RMAN Recipes for Oracle Database 12c** delivers. It'll be the book you reach for when that dreaded call comes in at 3:00am some dreary morning. It'll be the book that lets you sleep at night knowing that no matter what transpires, that you've done your job well and can recover from any outage. **RMAN Recipes for Oracle Database 12c** gets right to the point with quick and easy-to-read, step-by-step solutions that can help you backup and recover your data with confidence. What you'll learn Reliably

back up and recover your database using Oracle's Recovery Manager Let Oracle Database manage your backup files via the Fast Recovery Area Automate backup and recovery tasks by writing scripts Troubleshoot RMAN problems and optimize RMAN performance Recover from the loss of a control file, loss of an online redo log, and from other unusual situations Who this book is for **RMAN Recipes for Oracle Database 12c** is aimed squarely at Oracle database administrators responsible for database backup and recovery operations. Table of Contents Backup and Recovery 101 Jump-Starting RMAN Using the Fast Recovery Area Using RMAN Configuring the RMAN Environment Using the Recovery Catalog Making Backups with RMAN Maintaining RMAN Backups and the Repository Scripting RMAN Restoring the Control File Performing Complete Recovery Performing Incomplete Recovery Performing Flashback Recovery Handling Online Redo Log Failures Duplicating Databases and Transporting Data Tuning RMAN Troubleshooting RMAN Implementing Oracle Secure Backup Performing Backup and Recovery with Enterprise Manager Using the Data Recovery Advisor Using RMAN on Windows DataGuard RMAN and RAC RMAN and ASM RMAN and Exadata **Oracle 12c For Dummies** MITP-Verlags GmbH & Co. KG

Oracle RMAN for Absolute Beginners is a gentle introduction to the use of Oracle's Recovery Manager software to make backups of an Oracle database, and to restore all or part of a database in the event that data loss occurs. It is often said that a database administrator's #1 job responsibility is to be able to recover from data loss. If you're new to the Oracle platform, or you're new to

database administration in general, you can hardly go wrong by making it your first priority to learn to backup and recover the database that has been entrusted into your hands. This book is short and sweet at just 200 pages. Focus lies on the mainstream use cases. Recovery Manager, or RMAN as it is called, is a powerful and complex tool that can be intimidating at first. Author Darl Kuhn understands the need to focus on the core use cases, building your confidence in the tool, and in your ability to recover from lost database files, and even to recover your entire database should that become necessary. Oracle RMAN for Absolute Beginners shows how to backup your database. That's the first job. You'll learn to backup the entire database, and to create incremental backups that in turn can speed restore and recovery operations. Then you'll learn to recover from lost data files, lost redo log files, lost control files, and even to restore the entire database from scratch. You'll even learn how to clone a database for development and test purposes by backing the database up on one system and restoring it onto another. Author Darl Kuhn has a decade and a half of experience in writing about, and teaching Oracle Database backup and recovery. If you are newly responsible for an Oracle Database, you can hardly do better than to pick up a copy of Oracle RMAN for Absolute Beginners.

Oracle Backup & Recovery 101 John Wiley & Sons

Packed with practical, freely available backup and recovery solutions for Unix, Linux, Windows, and Mac OS X systems - as well as various databases -- this new guide is a complete overhaul of Unix Backup & Recovery by the same author, now revised and expanded with over

75% new material. Backup & Recovery starts with a complete overview of backup philosophy and design, including the basic backup utilities of tar, dump, cpio, nbackup, ditto, and rsync. It then explains several open source backup products that automate backups using those utilities, including AMANDA, Bacula, BackupPC, rdiff-backup, and rsnapshot. Backup & Recovery then explains how to perform bare metal recovery of AIX, HP-UX, Linux, Mac OS, Solaris, VMWare, & Windows systems using freely-available utilities. The book also provides overviews of the current state of the commercial backup software and hardware market, including overviews of CDP, Data De-duplication, D2D2T, and VTL technology. Finally, it covers how to automate the backups of DB2, Exchange, MySQL, Oracle, PostgreSQL, SQL-Server, and Sybase databases - without purchasing a commercial backup product to do so. For environments of all sizes and budgets, this unique book shows you how to ensure data protection without resorting to expensive commercial solutions. You will soon learn to: Automate the backup of popular databases without a commercial utility Perform bare metal recovery of any popular open systems platform, including your PC or laptop Utilize valuable but often unknown open source backup products Understand the state of commercial backup software, including explanations of CDP and data de-duplication software Access the current state of backup hardware, including Virtual Tape Libraries (VTLs)

Oracle8 Backup & Recovery Handbook Pearson Deutschland GmbH

A compact easy to read technical guide that includes over 35 mini lessons that any DBA will find useful. This second edition has been newly updated for

Oracle 8i version 3. It includes information on creating an Oracle database, backup recovery and tuning. It then moves onto some more advanced topics.. Included are several new and updated UNIX and SQL scripts that are easy to use and easy to understand. A great starting point for a new DBA and a must have reference guide for all DBAs. "An excellent book for all levels of database administrators! It provides a foundation into the DBA role, tips for the techs, and scripts to make your life easier! It provides you a great starting point as well as some advanced topics. I highly recommend this book because it gives you exactly what you need, quickly and easily." - K. Buck-Oracle DBA-Kansas City, Missouri

Pro Oracle Database 18c Administration
Oracle (McGraw-Hill)

Database administration isn't about passing a certified exam, or about pointing and clicking your way through a crisis. Database administration is about applying the right solution at the right time, avoiding risk, and making robust choices that get you home each night in time for dinner with your family. This book will help elevate you to the level of Professional Oracle Database Administrator. This book provides information and techniques for keeping an Oracle database stable and running on-premise, and is fully updated to cover Oracle Database 18c. New in this edition is coverage of cloud administration in the Oracle Public Cloud, automation of tasks using the autonomous database features, and data movement with multi-

tenant databases. The book covers everything from architecture of the database engine, securing objects and users, strategies for performing maintenance tasks and resolving performance problems, through to backup and recovery. Pro Oracle Database 18c Administration takes a modern approach to database administration. Emphasis is given to automation, which is of growing importance as more databases are being moved into various cloud solutions and database administrators are being required to manage more instances than ever. Focus is given to multi-tenant container architecture and pluggable databases, and the book takes a refreshing, results-oriented approach that helps you get the job done. What You'll Learn Understand the differences between managing on-premise and cloud deployments Take advantage of new features in 18c while also managing older releases Manage more databases than ever by automating your environment Apply the latest techniques around pluggable databases and containerization Safeguard your data through good security and backup/recovery practices Troubleshoot common problems Who This Book Is For Database architects and administrators who want to level-up to the latest techniques around containerization, automation, and cloud deployment. The book also is appropriate for Oracle professionals desiring to present themselves as being competitive and up-to-date with the latest in the field.