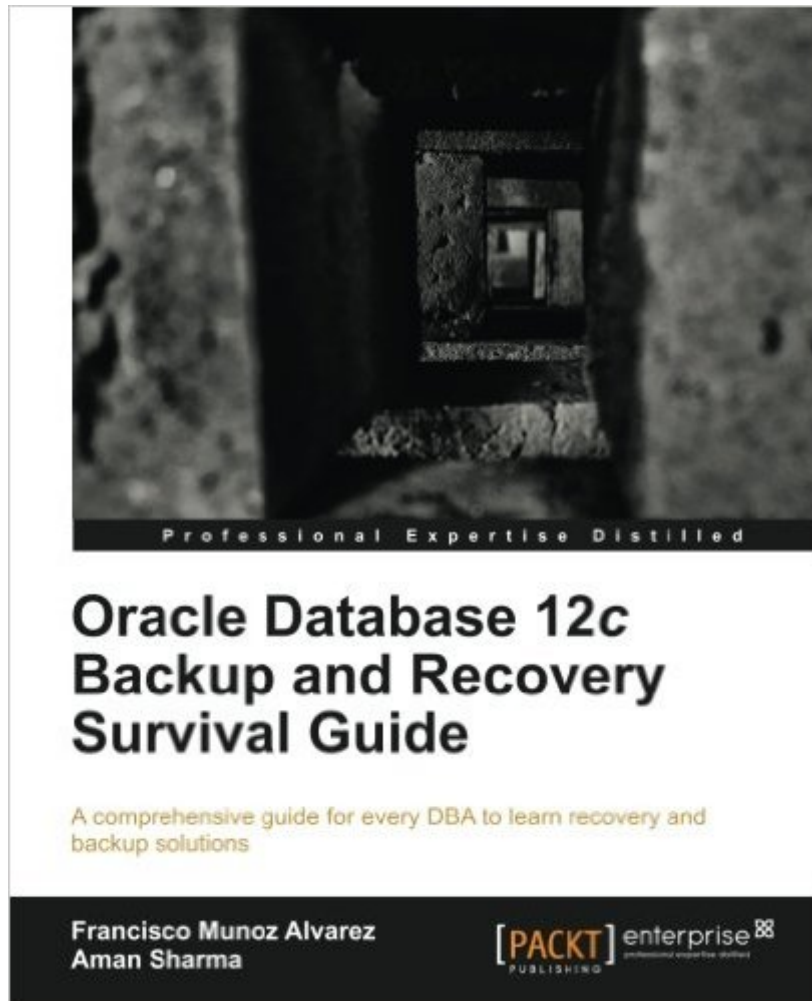# Oracle Database 12c Backup And Recovery Survival Guide

Synopsis

A comprehensive guide for every DBA to learn recovery and backup solutions Overview A practical reference to all Oracle backup and recovery options available, making it essential to any DBA in the world A valuable guide for readers on the most frequent backup and recovery scenarios they can find in real life Provides hands-on examples and a full hands-on lab to practise everything learned in this book In Detail The three main responsibilities of a successful DBA are to ensure the availability, recoverability, and performance of any database. To ensure the recoverability of any database, a DBA needs to have a strong backup and recovery skills set. Every DBA is always looking for a reference book that will help them to solve any possible backup and recovery situation that they can come across in their professional life. Oracle Database 12c Backup and Recovery Survival Guide has the unique advantage to be a reference to all Oracle backup and recovery options available, making it essential for any DBA in the world. If you are new to Oracle Database, this book will introduce you to the fantastic world of backup and recovery that is vital to your success. If you are an experienced DBA, this book will become a reference guide and will also help you to learn some possible new skills, or give you some new ideas you were never aware about. It will also help you to easily find the solution to some of the most well known problems you could find during your career as a DBA. This book contains useful screenshots, scripts, and examples that you will find more than useful. Most of the books currently available in the market concentrate only on the RMAN utility to backup and recovery. This book will be an exception to the rule and will become a must-have reference, allowing you to design a real and complete backup and recovery strategy. It covers the most important topics on Oracle database such as backup strategies, Nologging operations, new features in 12c, user managed backups and recoveries, RMAN (including reporting, catalog management, troubleshooting, and performance tuning), advanced data pump, Oracle Enterprise Manager 12c and SQL Developer. "Oracle Database 12c Backup and Recovery Survival Guide" contains everything a DBA needs to know to keep data safe and recoverable, using real-life scenarios. What you will learn from this book Understand all the options available for the backup and recovery of a database to be used in case of a disaster and how to survive it Learn how to use RMAN and take advantage of its advanced functionalities Use Data Pump for more than just backups, learning how powerful this utility is Take advantage of Nologging operations in a safe and proper way Perform backups and recovery properly in Multitenant and non-CDB environments Take advantage of OEM12c and SQL Developer to fulfil your backup requirements and reduce risk in your organization Understand the new features in 12c offered for backup and recovery and how to perform backup and recovery operations on it Get familiar with the available range of Oracle

products for backup and recovery, not only RMAN

Book Information

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Customer Reviews

Just what you need to get started with 12c. Dives deep into architecture details, provides examples, and architectural block diagrams where neccessary.Chapter1 gives an introduction to basics of B and R. Importance of archive logging. Architectural side of difference between redo and undo.Chapter2 instructs how to and how not to use nologging, very detailed and with examples, also gives a list of useful archive logging queries for daily use.The basics about logging in chapter1 are useful in understanding chapter 2Chapter3 lists all new features of 12c B and R,Chapter4 useful for old Oracle databases that use cold and begin backup type of hot backupsChapter5 introduces RMAN. Types of backup using RMAN is explained in detail. And unlike the title of chapter5 which says "simple backups", reasonably complex backups are also discussed. Compression is also elaborated with example. The chapter ends with views that can be used on daily basis.Chapter6:recovery scenarios and BR recipes, recipes are shown for 12c also, theory of startup command is discussed again in detail,DRA, chapter 5 and 6 are more than 60 pages each, init parameters that affect the operation are also mentioned where required.Chapter7 Starts with controlfile basics and shortcomings of controlfile for storing backup metadata. Advantages of RC over Controlfile. VPC, maintenance activities of recovery catalog, scripts and ends with v$views that start with "RC"Chapter8 explains high level concepts of tuning and troubleshooting IO issues with RMAN, Tracing RMAN sessions etc.Chapter 9 and 10 discusses capabilities of data pump, new

features, interactive command line etc with examplesChapter 11 Shows how Oracle suggested backup can be performed with OEM. SQL developer coverage is overviewed at the end.Code is also included in the Packt website.

"Oracle Database 12c Backup and Recovery Survival Guide" book is very well written. Each chapter explains the backup and recovery concepts followed by examples and notes from authors to make the book unique and interesting to read. No doubt the contents of books reflect authors vast experiences in backup and recovery. I enjoyed reading this book which includes basics of backup recovery, what is new in 12c,RMAN troubleshooting and Tuning etc. and stongly recommend all oracle professional to read this book to uplift the backup and recovery skill sets.

To begin with, both authors are established and well-accomplished veteran players in the market bringing an A+ solid track record to the table: The book is a testament of the decades of the combined experiences of the authors.Covering both 11g and the latest 12c versions of the Oracle database Server family, this book has chapters covering concepts spanning the entire spectrum of Backup/Recovery/DR - From Block Corruption, Data Pump, RMAN, OEM 12c, 12c New Features and a whole lot more, this book does not miss a beat!I would give this book 5-stars and a must-read for the Oracle Database Administrator.

This book provides excellent examples. The authors do a great job on this book. It explores architecture decisions, tuning, backup strategies, troubleshooting etc. The wealth of experience brought by the authors is evident and definitely a reference worth having.

This book provides excellent recovery and backup examples. It also walks through the architecture decisions on planning out backup strategies. It is a great reference for Oracle 11g and includes the new features needed to develop a backup and recovery strategy for Oracle 12c multi-tentant databases.

Oracle Database 12c Backup and Recovery Survival GuidePACKT PublisherFrancisco Munoz AlvarezAman SharmaThis book should be part of every DBA's library. It covers the topics you would expect to be covered, but it does so in a conversational, yet professional, style. Especially as 12c becomes the 'next version to upgrade to' in 2014.After covering basic but important topics like archive/no-archive, restore vs recovery, effects of NOLOGGING, it covers RMAN vs Data Pump,

cold vs hot backups, and provides scripts to help all this be clear.After covering RMAN in-depth, FRA, and V$ views, it cover real scenarios and shows how it all fits together in the real world.Buy the book today!

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