

1. Record Nr.	UNINA9910300642403321
Autore	Kuhn Darl
Titolo	Oracle RMAN Database Duplication / / by Darl Kuhn
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2015
ISBN	9781484211120 148421112X
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (183 p.)
Collana	The expert's voice in Oracle
Disciplina	005.74
Soggetti	Database management Database Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Contents at a Glance; Introduction; Chapter 1: Introduction; Use Cases for Duplicating; Methods for Replicating; RMAN Duplicate Advantages; Ease of Use; Performance and Security; Flexible Replication; RMAN Duplication Overview; Definition of Terms; RMAN Duplication Process; Example Setup Environment; Summary; Chapter 2: Manual Duplication Techniques; Cloning from Cold Backup; Copying from an RMAN Backup; Renaming a Database; Manual; NID; Replicating with Data Pump Across a Network Link; Replicating with Data Pump Transportable Tablespaces; RMAN Replication Using Transportable Tablespaces Same Operating SystemCross-Platform Replication; Different Operating System (Convert Tablespace); Different Operating System (Convert DataFile); Moving Data with External Tables; Enabling Parallelism; Enabling Compression; Summary; Chapter 3: Backup-Based Duplication; Basic Troubleshooting; Checking Syntax; From the Command Line; From a Script; Monitoring Progress; Operating System Approach; SQL Approach; Capturing RMAN Output; RMAN Logging; Script Command; Tee Command; RMAN Command Output View; Targetless Duplication; Directory Structure and Database Name Remain Identical Directory Structure Identical and Database Name Different Directory Structures and Database Names Different, Using SPFILE Clause; Directory Structures and Database Names Different, Not Using SPFILE; Transforming Directory Names via Initialization File; Transforming

Directory Names using SET NEWNAME; Shell Scripting the Duplication Process; Duplicating and Stopping Recovery at a Specific Time; Restarting Duplication; Restricting Access after Duplication; Scenarios Requiring Connections to Target; UNTIL Sequence; UNTIL Restore Point; Summary; Chapter 4: Active Duplication
Oracle Net ConfigurationSetting Up the Listener; Setting Up the Password File; Same Directory Structure and Database Name; Different Directory Structure and Database Name Using SPFILE Clause; Replicating from a Noarchivelog Mode Target; Same-Host Replication; Image Copies; Compression; Encryption; Summary; Chapter 5: Advanced Topics; Partial Database Duplication; Excluding Tablespaces; Including Tablespaces; Parallelism; Configuring Parallelism; Using SECTION SIZE; Creating Standby Databases; Creating Standby from Active Target; Creating Standby from RMAN Backup
Container and Pluggable DatabasesDuplicating a Container Database; Duplicating Pluggable Databases; Including Pluggable Databases; Excluding Pluggable Databases; RAC Databases; Non-RAC/Non-ASM to RAC/ASM; RAC/ASM to Non-RAC/Non-ASM; Summary; Chapter 6: Oracle Net Primer; Oracle Net; Services Default Behavior; Creating and Registering Services with the Listener; Setting SERVICE_NAMES; Setting the LOCAL_LISTENER to contain host and port information; Setting LOCAL_LISTENER to point to an entry in tnsnames.ora; Statically Registering Services; Dynamic Registration versus Static Registration
Why Use Multiple Services?

Sommario/riassunto

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