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Autore	Neagu Adrian
Titolo	IBM DB2 9.7 advanced administration cookbook [[electronic resource]] : over 100 recipes focused on advanced administration tasks to build and configure powerful databases with IBM DB2 : [quick answers to common problems] / / Adrian Neagu, Robert Pelletier
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ISBN	1-280-11892-X
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Descrizione fisica	1 online resource (480 p.)
Altri autori (Persone)	PelletierRobert
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Nota di contenuto	Cover; Copyright; Credits; About the Authors; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: DB2 Instance-Administration and Configuration; Introduction; Creating and configuring instances for non-partitioned environments; Creating and configuring a client instance; Creating and configuring an instance for multipartitioned environments; Starting and stopping instances; Configuring SSL for client-server instance communication; Listing and attaching to instances; Dropping instances; Chapter 2: Administration and Configuration of the DB2 Non-partitioned Database IntroductionCreating and configuring DB2 non-partitioned databases; Using Configuration A dvisor; Creating a database from an existing backup; Configuring automatic database maintenance; Managing federated databases-connecting to Oracle and MSSQL; Altering databases; Dropping databases; Chapter 3: DB2 Multipartitioned Databases-Administration and Configuration; Introduction; Creating and configuring a multipartitioned database; Adding database partitions; Creating database partition groups; Altering database

partition groups-adding partitions to database partition groups

Managing data redistribution on database partition groupsThe table distribution key and its role in a multipartitioned environment; Altering database partition groups-removing partitions from a database partition group; Removing database partitions; Converting a non-partitioned database to a multipartitioned database on MS Windows; Configuring Fast Communication Manager; Chapter 4: Storage-Using DB2 Table Spaces; Introduction; Creating and configuring table spaces within automatic storage databases; Creating and configuring SMS table spaces; Creating and configuring DMS table spaces

Using system temporary table spacesUsing user temporary table spaces; Altering table spaces and dropping table space; Table spaces in a multipartitioned environment; Chapter 5: DB2 Buffer Pools; Introduction; Creating and configuring buffer pools; Configuring the block-based area; Managing buffer pools in a multipartitioned database; Altering buffer pools; Dropping buffer pools; Chapter 6: Database Objects; Introduction; Creating and using MDC tables and block-based indexes; Creating and using materialized query tables; Implementing table partitioning; Using temporary tables

Created global temporary tableChapter 7: DB2 Backup and Recovery; Introduction; Configuring database logging; Performing an offline database backup; Performing a full online database backup; Performing an incremental delta database backup; Performing an incremental cumulative database backup; Backing up table spaces; Crash recovery; Full database recovery; Database rollforward recovery; Incremental restore; Recovering table spaces, full and rollforward recovery; Redirected restore; Recovery history file; Configuring tape-based backup with IBM Tivoli Storage Manager

db2move and db2look utilities as alternative backup methods

Sommario/riassunto	This cookbook has recipes written in a simple, easy to understand format, with lots of screenshots and insightful tips and hints. If you are a DB2 Database Administrator who wants to understand and get hands on with the underlying aspects of database administration, then this book is for you. This book assumes that you have a basic understanding of DB2 database concepts.