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Nota di contenuto	Cover; Copyright; Credits; About the Authors; About the Reviewers; Table of Contents; Preface; Chapter 1: Getting to Know SimpleDB; Experimenting with SimpleDB; How does SimpleDB work?; Domain; Item; Attributes; Values; How do I interact with SimpleDB?; How is SimpleDB priced?; Free tier; Why should I use SimpleDB?; Make your applications simpler to architect; Build flexibility into your applications; Create high-performance web applications; Take advantage of lower costs; Scale your applications on demand; Architect for the cloud; Summary; Chapter 2: Getting Started with SimpleDB Creating an AWS account Enabling SimpleDB service for AWS account; Query API and authentication; SimpleDB libraries; SDBtool - Firefox plugin; Sample outline - performing basic operations; Basic operations with Java; Exploring SimpleDB with Java; Creating a domain with Java; Listing domains with Java; Manipulating items with Java; Deleting a domain with Java; Basic operations with PHP; Exploring SimpleDB with

PHP; Creating a domain with PHP; Listing domains with PHP;
Manipulating items with PHP; Deleting a domain with PHP; Basic
operations with Python; Introducing boto
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Retrieving a domain with Python; Creating items with Python; Summary;
Chapter 3: SimpleDB versus RDBMS; No normalization; No joins; No
schemas; Simpler SQL; Only strings; Eventual consistency; Flash:
February 24, 2010-consistent read added; Scalability; Low
maintenance; Advantages of the SimpleDB model; Disadvantages of the
SimpleDB model; Summary; Chapter 4: The SimpleDB Data Model;
Domains; Domains with Java; Domains with PHP; Domains with Python;
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metadata
Retrieving domain metadata with Java
Retrieving domain metadata with PHP; Retrieving domain metadata with
Python; Components of a
domain's metadata; SimpleDB domain constraints; Items; Adding
attributes to an item with Java; Adding attributes to an item with PHP;
Adding attributes to an item with Python; Constraints on SimpleDB
items; Attributes; Attributes with Java; Attributes with PHP; Attributes
with Python; Constraints on SimpleDB item attributes; Values; Storing
multiple values in a single attribute with Java; Storing multiple values in
a single attribute with PHP
Storing multiple values in a single attribute with Python
Constraints on
values of a SimpleDB item; Consistent Read and Conditional Put /
Delete announcement; ConsistentRead = true for getAttributes and
Select; Conditional Put / Delete; Summary; Chapter 5: Data Types; What
is lexicographical comparison?; Storing numeric values; Storing numeric
values with Java; Storing numeric values with PHP; Storing numeric
values with Python; Storing date values; Storing date values with Java;
Storing date values with PHP; Storing date values with Python; Storing
Boolean values
Storing Boolean values with Java

Sommario/riassunto

Scale your application's database on the cloud using Amazon SimpleDB
with this book and eBook
