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   Titolo   Mastering DynamoDB : master the intricacies of the NoSQL database
                        DynamoDB to take advantage of its fast performance and seamless
                        scalability / / Tanmay Deshpande ; foreword by Constancio Fernandes,
                        Sr. ; cover image by Pratyush Mohanta

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   ISBN   1-78355-196-8

   Edizione   [1st edition]

   Descrizione fisica   1 online resource (236 p.)

   Collana   Community Experience Distilled

   Disciplina   005.75

   Soggetti   Non-relational databases
                        SQL (Computer program language)

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Includes index.

   Sommario/riassunto   Master the intricacies of the NoSQL database DynamoDB to take
                        advantage of its fast performance and seamless scalability In Detail
                        This book is a practical, example-oriented guide that begins with an
                        introduction to DynamoDB, how it started, what it is, and its features. It
                        then introduces you to DynamoDB's data model, demonstrating CRUD
                        operations on the data model. Once you get an understanding of the
                        data model, you will be able to dive deep into the DynamoDB
                        architecture to understand its flexibility, scalability, and reliability. The
                        book also gives you plenty of best practices you should follow in order
                        to achieve time and cost efficiency. Later, you will explore some
                        advanced topics such as CloudWatch Monitoring, the AWS security
                        token service, and the use of IAM to perform access control
                        management. The book discusses a variety of use cases that will help
                        you get a practical sense of DynamoDB. Finally, the book ends with a
                        discussion on using DynamoDB as a backend for Android/iOS mobile
                        applications with sample code that will help you build your own
                        applications. What You Will Learn Comprehend the DynamoDB data
                        model and how to build the efficient schema of DynamoDB tables

Decipher the architecture of DynamoDB and its core features Understand how DynamoDB manages ring membership and handles partial failures Get acquainted with the AWS security token service and learn how DynamoDB deals with authentication and authorization Integrate DynamoDB with other AWS services in order to form a complete application ecosystem on AWS Cloud Explore third-party tools and libraries to efficiently use DynamoDB to help to autoscale, test, and back up/archive Familiarize yourself with mobile application development using DynamoDB at the backend Downloading the example code for this book. You can download the example code files for all Packt books you have purchased from your account at http://www.PacktPub.com. If you purchased this book elsewhere, you can visit http://www.PacktPub.com/support and register to have the files e-mailed directly to you.