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	Titolo	Cloud-Native Microservices with Apache Pulsar : Build Distributed Messaging Microservices / / by Rahul Sharma, Mohammad Atyab
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	Descrizione fisica	1 online resource (214 pages)
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	Lingua di pubblicazione	Inglese
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	Note generali	Includes index.
	Nota di contenuto	Chapter 1: Introduction to Apache Pulsar -- Chapter 2: Working with Messages -- Chapter 3: Working with Pulsar Functions -- Chapter 4: Schema Registry -- Chapter 5: Building Microservices using Pulsar -- Chapter 6: Pulsar Connecters -- Chapter 7: Pulsar Security -- Chapter 8: Deploy Pulsar on Kubernetes.
	Sommario/riassunto	Apply different enterprise integration and processing strategies available with Pulsar, Apache's multi-tenant, high-performance, cloud-native messaging and streaming platform. This book is a comprehensive guide that examines using Pulsar Java libraries to build distributed applications with message-driven architecture. You'll begin with an introduction to Apache Pulsar architecture. The first few chapters build a foundation of message-driven architecture. Next, you'll perform a setup of all the required Pulsar components. The book also covers work with Apache Pulsar client library to build producers and consumers for the discussed patterns. You'll then explore the transformation, filter, resiliency, and tracing capabilities available with Pulsar. Moving forward, the book will discuss best practices when building message schemas and demonstrate integration patterns using microservices. Security is an important aspect of any application; the book will cover authentication and authorization in Apache Pulsar such as Transport Layer Security (TLS), OAuth 2.0, and JSON Web Token (JWT). The final chapters will cover Apache Pulsar deployment in Kubernetes. You'll build microservices and serverless components such

as AWS Lambda integrated with Apache Pulsar on Kubernetes. After completing the book, you'll be able to comfortably work with the large set of out-of-the-box integration options offered by Apache Pulsar. You will: Examine the important Apache Pulsar components Build applications using Apache Pulsar client libraries Use Apache Pulsar effectively with microservices Deploy Apache Pulsar to the cloud.