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Titolo	Cloud-Native Application Architecture : Microservice Development Best Practice // by FreeWheel Biz-UI Team
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Descrizione fisica	1 online resource (XXI, 382 p. 1 illus.)
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Soggetti	Cloud computing Software engineering - Management Computer programs - Testing Computer programming Open source software Cloud Computing Software Management Software Testing Programming Techniques Open Source
Lingua di pubblicazione	Inglese
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Nota di contenuto	Chapter 1. Microservices in the Cloud Native Era -- Chapter 2. Microservice Application Design -- Chapter 3. Service Development and Operation -- Chapter 4. Microservice Traffic Management -- Chapter 5. Distributed Transactions -- Chapter 6. Serverless Architecture -- Chapter 7. Service Observability -- Chapter 8. Quality Assurance Practices -- Chapter 9. Continuous Integration and Continuous Deployment.
Sommario/riassunto	The authors of this book explore a way to build cloud-native microservice applications, based on years of practice. Presenting a range of real-world scenarios, from design, development, and testing to deployment, the book shows how teams can leverage cloud-native technologies to develop applications, covering the full lifecycle. Further, it consistently combines theory and practice, and comprehensively

analyzes how to implement core cloud-native technologies such as container, service mesh, serverless, continuous integration, and deployment. Given its scope, the book offers a valuable asset for all architects, engineers, and technological decision-makers with an interest in microservices and cloud-native technologies.
