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Autore	Stigler Maddie
Titolo	Beginning Serverless Computing : Developing with Amazon Web Services, Microsoft Azure, and Google Cloud / / by Maddie Stigler
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Descrizione fisica	1 online resource (XIII, 199 p. 160 illus. in color.)
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Soggetti	Microsoft software Microsoft .NET Framework Client/server computing Management information systems Computer science Software engineering Microsoft and .NET Servers Management of Computing and Information Systems Software Engineering/Programming and Operating Systems
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Chapter 1: Understanding Serverless Computing -- Chapter 2: Getting Started -- Chapter 3: Amazon Web Services -- Chapter 4: Azure -- Chapter 5: Google Cloud -- Chapter 6: Agnostic Approach.
Sommario/riassunto	Learn the basics of serverless computing and how to develop event-driven architectures with the three major cloud platforms: Amazon Web Services, Microsoft Azure, and Google Cloud. This hands-on guide dives into the foundations of serverless computing, its use cases, and how to apply it using developer tools such as Node.js, Visual Studio Code, Postman, and Serverless Framework. You will apply the fundamentals of serverless technology from the ground up, and come away with a greater understanding of its power and how to make it work for you. This book teaches you how to quickly and securely develop applications without the hassle of configuring and maintaining

infrastructure. You will learn how to harness serverless technology to rapidly reduce production time and minimize your costs, while still having the freedom to customize your code, without hindering functionality. Upon completion, you will have the knowledge and resources to build your own serverless application hosted in AWS, Azure, or Google Cloud and will have experienced the benefits of event-driven technology for yourself. What You'll Learn: Gain a deeper understanding of serverless computing and when to use it Use development tools such as Node.js, Postman, and VS code to quickly set up your serverless development environment and produce applications Apply triggers to your serverless functions that best suit the architecture for the problem the functions are solving Begin building applications across cloud providers that utilize the power of serverless technology Understand best development practices with serverless computing to maintain scalable and practical solutions Code with an agnostic approach to cloud providers to minimize provider dependency This book is for any developer looking to expand current knowledge of serverless computing, its applications, and how to architect serverless solutions, or someone just beginning in these areas. Maddie Stigler is a professional developer at CapTech Ventures. She is a part of the core team for Women Who Code in Richmond, Virginia and is involved in many local Microsoft and Amazon meetups. Maddie has maintained a fascination with serverless technology from the beginning, and applies principles of serverless design and architecture both in her professional and personal work.

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