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Titolo	Developing Cloud-Native Solutions with Microsoft Azure and .NET : Build Highly Scalable Solutions for the Enterprise // by Ashirwad Satpathi, Abhishek Mishra
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ISBN	1-4842-9004-6
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1: Introduction -- Chapter 2: Build a Web API to send messages to Azure Service Bus -- Chapter 3: Build a Worker Service to process messages from Azure Service Bus -- Chapter 4: Building a Microservice using .NET and AKS -- Chapter 5: Secure Microservice with Azure AD -- Chapter 6: Running APIs on Azure Container Apps -- Chapter 7: Implement Monitoring and Logging for Microservice running on AKS with Azure Monitor and Azure Application Insights -- Chapter 8: Build an IoT solution with Azure IoT Hub, Azure Functions and Azure Cosmos DB -- Chapter 9: Build a Desktop application for speech to text conversation using Azure Cognitive Service -- Chapter 10: Build a multi-language text translator using Azure Cognitive Service -- Chapter 11: Deploy a ASP.NET 6 Web application to Azure WebApp using GitHub Actions.
Sommario/riassunto	Build and deploy applications by leveraging Azure PaaS and serverless services using Azure DevOps and GitHub Actions. This book provides step-by-step explanations of essential concepts, practical examples, and self-assessment questions that will help you gain the necessary expertise to build cloud-native solutions using Microsoft Azure and .NET. The book starts with essential topics that will help get you familiar with the fundamental concepts of Azure, followed by example-based guides on building distributed solutions using Azure Web App, Azure Messaging, and communication services. You will then learn how to implement the knowledge you've thus far gained to build containerized

workloads using Azure Container-based services. Next, you will focus on building solutions by using Azure Storage and Data services, where you will go through Azure Blob Storage and learn how to interact with Azure Cosmos DB from applications using the .NET SDK. Moving forward, you will explore how to build intelligent applications using Azure AI and IoT services, including Azure Cognitive Services. In the book's final section, you will explore ways to deploy applications using Azure DevOps and GitHub Actions. After reading this book, you will be able to build scalable, enterprise-grade applications using various Azure services. You will:

- Build an ASP.NET 6 Web API to send messages to Azure Service Bus Queue Use and implement Azure Communication Services
- Build and containerize a .NET API
- Understand IoT solutions using Azure IoT Hub, Azure Functions, and Azure Cosmos DB.

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