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Titolo	Getting Started with Containers in Azure : Deploy Secure Cloud Applications Using Terraform / / by Shimon Ifrah
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Soggetti	Microsoft software Microsoft .NET Framework Application software Microsoft Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1: Get Started with Azure and Terraform -- Chapter 2: Azure Web App for Containers -- Chapter 3: Azure Container Registry (ACR) -- Chapter 4: Azure Container Instances (ACI) -- Chapter 5: Azure Kubernetes Service (AKS) -- Chapter 6: Azure DevOps and Container Services -- Chapter 7: Azure Compliance and Security.
Sommario/riassunto	Master the skills needed to deploy container services on Microsoft Azure using Terraform. This book will take you through the entire process of designing, deploying, and managing container services such as Azure Kubernetes Service (AKS), Azure Container Instances (ACI), Azure Container Registry (ACR), and Azure Web App for Containers. In this fully updated second edition, Author Shimon Ifrah demonstrates how to use Terraform, PowerShell and Azure CLI to provision and manage container services in Azure. As you'll be using Terraform as the main tool for deployment, a basic knowledge of Terraform is a prerequisite. In addition, you will see how Azure DevOps services can be used to deploy infrastructure and container services with Terraform using Azure Pipelines without using the Azure Portal. The book concludes with a tutorial on how to use Azure Defender for Cloud to

safeguard Terraform and infrastructure-as-code against malicious threats, so you can deliver secure applications. Upon completing this book, you will have a thorough understanding of how to use Terraform to deploy secure and efficient cloud applications on Azure. You will:

- Leverage Terraform for the deployment of containerized services
- Understand Azure DevOps Pipelines and Repos to deploy infrastructure and container services.
- Safeguard your infrastructure-as-code and detect vulnerabilities using Azure Defender for the cloud.
