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	Titolo	Getting Started with Containers in Azure : Deploy, Manage, and Secure Containerized Applications / / by Shimon Ifrah
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	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (XV, 303 p. 298 illus., 290 illus. in color.)
	Disciplina	005.7565
	Soggetti	Microsoft software
		Microsoft .NET Framework
		Application software
		Microsoft
		Computer and Information Systems Applications
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Chapter 1: Get Started with Microsoft Azure -- Chapter 2: Store and Manage Docker container images on Azure Container Registry (ACR) -- Chapter 3: Deploy Containerized applications with Azure Container Instances (ACI) -- Chapter 4: Deploy Containerized applications with Azure Kubernetes Service (AKS) -- Chapter 5: Deploy Docker Container host on Azure Virtual Machine -- Chapter 6: Secure you Microsoft Azure Containers -- Chapter 7: Scale Containers and Containerized Applications on Azure -- Chapter 8: Monitor Containers and Containerized Applications on Azure -- Chapter 9: Backup and Restore Containers and Containerized Applications on Azure -- Chapter 10: Troubleshooting Containers and Containerized Applications on Azure.
	Sommario/riassunto	Deploy and execute Microsoft Azure container and containerized applications on Azure. This second book in author Shimon Ifrah's series on containers will help you manage and scale containers along with their applications, tools and services. You'll start by setting up the Azure environment and quickly work through techniques and methods of managing container images with Azure Container Registry (ACR). As you move forward, deploying containerized applications with Azure

container instances and Azure Kubernetes Service is discussed in detail, and in the process, you'll see how to install Docker container host on Azure Virtual Machine. This is followed by a discussion on security in Azure containers where you'll learn how to monitor containers and containerized applications backed by illustrative examples. Next, you will review how to scale containers along with methods for backing up and restoring containers and containerized applications on Azure. Towards the end, the book demonstrates troubleshooting applications and Docker container host issues in Azure. Getting Started with Containers in Azure will equip you to deploy, manage and secure containerized applications using Azure tools and services for containers. You will: • Explore containers on Microsoft Azure. • Store Docker images on Azure Container Registry Automate deployment of container services using Azure CLI and Azure Cloud Shell Use Azure Container Instances (ACI) for smaller deployment.