1.	Record Nr.	UNINA9910795318603321
	Autore	Modi Ritesh
	Titolo	Azure for architects : implementing cloud design, DevOps, containers, IoT, and severless solutions on your public cloud / / Ritesh Modi
	Pubbl/distr/stampa	Birmingham : , : Packt, , 2019
	Edizione	[Second edition.]
	Descrizione fisica	1 online resource (536 pages)
	Soggetti	Cloud computing Architecture - Data processing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Sommario/riassunto	Create advanced data and integrated solutions using Azure Event Grid, functions, and containers Key Features Get familiar with the different design patterns available in Microsoft Azure Develop Azure cloud architecture and a pipeline management system Get to know the security best practices for your Azure deployment Book Description Over the years, Azure cloud services have grown quickly, and the number of organizations adopting Azure for their cloud services is also gradually increasing. Leading industry giants are finding that Azure fulfills their extensive cloud requirements. Azure for Architects ? Second Edition starts with an extensive introduction to major designing and architectural aspects available with Azure. These design patterns focus on different aspects of the cloud, such as high availability, security, and scalability. Gradually, we move on to other aspects, such as ARM template modular design and deployments. This is the age of microservices and serverless is the preferred implementation mechanism for them. This book covers the entire serverless stack available in Azure including Azure Event Grid, Azure Functions, and Azure Logic Apps. New and advance features like durable functions are discussed at length. A complete integration solution using these serverless technologies is also part of the book. A complete chapter discusses all possible options related to containers in Azure including

Azure Kubernetes services, Azure Container Instances and Registry, and Web App for Containers. Data management and integration is an integral part of this book that discusses options for implementing OLTP solutions using Azure SQL, Big Data solutions using Azure Data factory and Data Lake Storage, eventing solutions using stream analytics, and Event Hubs. This book will provide insights into Azure governance features such as tagging, RBAC, cost management, and policies. By the end of this book, you will be able to develop a full-?edged Azure cloud solution that is Enterprise class and future-ready. What you will learn Create an end-to-end integration solution using Azure Serverless Stack Learn Big Data solutions and OLTP?based applications on Azure Understand DevOps implementations using Azure DevOps Architect solutions comprised of multiple resources in Azure Develop modular ARM templates Develop Governance on Azure using locks, RBAC, policies, tags and cost Learn ways to build data solutions on Azure Understand the various options related to...