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Nota di contenuto	Cover; Copyright; Credits; About the Authors; About the Reviewer; Table of Contents; Preface; Chapter 1: Introduction to Cloud Computing; What is an enterprise application?; What is cloud computing?; Some benefits of cloud computing; Some downsides of cloud computing; Cloud computing infrastructure; Cloudy skies ahead; Is cloud computing ""enterprisey"" enough?; Summary; Chapter 2: The Nickel Tour of Azure; Explaining Azure to the managers; Windows Azure; Compute service; Storage service; Blob Storage; Table Storage; Queue Storage; Azure Fabric Agent and Controller; SQL Azure Windows Azure platform: AppFabricCodename Dallas; Development Fabric; Considerations for the ASP.NET developer; How are Azure costs calculated?; Calculating Windows Azure pricing; Calculating SQL Azure pricing; Calculating AppFabric pricing; Summary; Chapter 3: Setting Up for Development; Downloading the tools; Configuring the local machine

for development; Installing Windows Azure tools and SDK; Summary; Chapter 4: Designing Our Sample Application; Project design; Integrating application with cloud features; Creating an Azure account; Summary; Chapter 5: Introduction to SQL Azure Overview of SQL AzureManageability; Managing SQL Azure; High availability; Scalability; Relational data model; Familiar development model; What's the same in SQL Azure?; Data types; Database objects; Fully supported T-SQL commands; Partially supported T-SQL commands; SQL Server built-in functions; Multiple active result sets; What's different in SQL Azure?; Number of databases; Database objects; Service Broker, SQL Browser, and DTC; T-SQL commands; System functions; Data synchronization; Security; Development considerations; Managing maximum size; Management tools; SQL Azure portal SSMS 2008 R2Project Houston; Access 2010; Managing databases, logins, and roles in SQL Azure; Migrating schema and data; Manually scripting objects and data; SQL Azure Migration Wizard; SQL Server Integration Services (SSIS); SQL Server Import and Export Wizard; Creating packages from scratch; DAC Packs; BCP; The Jupiter Motor's ERP system database and the Dealer Orders database; SQL Azure portal; Creating our database; Summary; Chapter 6: Azure Blob Storage; Blobs in the Azure ecosystem; Creating Blob Storage; Windows Azure Content Delivery Network; Blob Storage Data Model; Blob Storage Representational State TransferThe Blob Storage API; Working with containers using the REST interface; Working with containers using the StorageClient library; Working with blobs; Summary; Chapter 7: Azure Table Storage; Table Storage versus database tables; Some of the good stuff; Limitations of Table Storage; Adding Table Storage to an Azure account; Accessing Table Storage; Working with tables; Working with entities; Entity Group Transactions; Choosing a PartitionKey; Exception handling; Retry on exceptions; Exceptions on retry; Concurrency conflicts; Table errors and HTTP response codes Summary

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## Sommario/riassunto

Straight talking advice on how to design and build enterprise applications for the cloud using Microsoft Azure with this book and eBook

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