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	Autore	Linton Rob
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	Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Understanding Amazon Web Services; What AWS is; What AWS isn't; PaaS; SaaS; So why AWS; What you should know about AWS; What to watch out for with AWS; Drivers of Enterprise Adoption of AWS; What application models work/don't work in AWS; One-Tier; Two-Tier; Three-Tier; N-Tier; Common issues across all architecture models; Legalities of Cloud Computing; A brief technical overview of AWS; Public or Virtual Private Cloud; The technology behind AWS
		Our sample enterprise applicationRules of engagement; What will our sample enterprise application look like; What will our sample enterprise application do; Summary; Chapter 2:Mapping Your Enterprise Requirements against Amazon's Offerings; AWS offerings; Simple Storage Service (S3); General roles of S3 in the architecture; Using S3; S3 features; Data storage; Availability; Data consistency; Object access; Using S3 for backup, archiving, and recovery; Elastic Compute Cloud (EC2); General roles of EC2 in the architecture; Using EC2; Features of

EC2; Starting an Instances

Accessing instances after they have been startedTypes of hardware to run an instance on; Billing and data transfer; Elastic IP addresses; Instance types; Standard instances; Micro instances; High memory instances; High-CPU instances; Cluster compute instances; Cluster GPU instances; Putting these instances in perspective; Elastic Block Store (EBS); Some things to know about EBS; Attaching a two TB of disk to an EC2 instance; Security Groups; Implementing an example security group for a web application; Management security group; Web server security group; Application server security group

Database server security groupUsing the AWS console tools; Virtual Private Cloud (VPC); Using AWS for testing; Management servers; Test servers; Storage servers; Storage server security group; Basic CloudWatch; Detailed CloudWatch; Elastic Load balancing (ELB); Amazon Relational Database Service (RDS); Replication and availability; Backups and recovery; Amazon Simple Notification Service (SNS); Publish and subscribe; General role in the architecture; Mapping of AWS offerings to our sample application; Load balancing; Hardware (Servers); Hard disk storage; Firewall security

Performance monitoringDatabase servers; Recapping our sample application's architecture; Mapping of AWS offerings to other requirements; Business requirements; Financial requirements; Functional requirements; Security, legal, and regulatory requirements; Summary; Chapter 3:Getting Started with AWS and Amazon EC2; Creating your first AWS account; Multi-factor authentication; Registration and privacy details; AWS customer agreement; Section 10.2 - Your Applications, Data, and Content; Section 14.2 - Governing Law; Section 11.2 - Applications and Content; Signing in; Signing up for Amazon S3
Signing up for EC2

Sommario/riassunto	Evaluate your Cloud requirements and successfully migrate your .NET Enterprise Application to the Amazon Web Services Platform