AWS Services Explained in the Book

Compute and Networking

Abbr.	Name	Description	Section
EC2	Amazon Elastic Compute Cloud	Virtual machines with Linux and Windows	3
	AWS Lambda	Run code without the need for virtual machines	6
	AWS App Runner	The simplest way to run containers on AWS	18.2
ECS	Amazon Elastic Container Service	Container orchestration layer	18.3
	AWS Fargate	Container execution layer	18.4
EIP	Elastic IP Address	Fixed public IP address for EC2 instances	3.6
ENI	Amazon EC2 Elastic Network Interface	Virtual network interface for EC2 instances	3.7
VPC	Amazon Virtual Private Cloud	Private network inside the cloud	5.5
	Amazon EC2 Security Group	Network firewall	5.4

Deployment and Management

Abbr.	Name	Description	Section
	AWS CodeDeploy	Deployment tool for in-place deployments	15.1
	Packer by HashiCorp	Deploying customized AMIs	15.3
	AWS CloudFormation	Infrastructure automation and deployment tool	4.4
IAM	AWS Identity and Access Management	Secure access to your cloud resources (authentication and authorization)	5.3
CLI	AWS command-line interface	AWS in your terminal	4.2
SDK	AWS software development kits	AWS in your applications	4.3