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Nota di contenuto	Chapter 1: Welcome to the World of Containers -- Chapter 2: Kubernetes- Deep Dive Begins -- Chapter 3: Essential Objects in Kubernetes Cluster -- CHAPTER 4: Objects Important for Secure Kubernetes Cluster -- CHAPTER 5: Networking in Kubernetes -- CHAPTER 6: Kubernetes Storage System -- CHAPTER 7: Manage Your Kubernetes Cluster Efficiently -- CHAPTER 8: Best Practices – Kubernetes and Docker -- CHAPTER 9: kubectl – The Command Line Tool.
Sommario/riassunto	Explore the world of Kubernetes and learn the concepts needed to develop, deploy, and manage applications on this container orchestrator. This step-by-step development guide is designed for application developers and support members aiming to learn Kubernetes and/or prepare for interviews. All the concepts in the book are presented in Q&A format, with questions framed exactly the way they are asked in an interview, giving you a distinctive edge in interviews.. You'll start by understanding how application development and deployment have evolved over the decades leading up to containerization. You'll then dive deep into core Kubernetes concepts, learning Kubernetes architecture, Kubernetes objects and workload resources, and how to exploit them to their full potential. You'll also learn Kubernetes deployment strategies and concepts related to rollout and rollback. Moving on, you'll look at two very important aspects of any computing ecosystem: networking and storage. You will gain an understanding of access control in Kubernetes and how to manage a

Kubernetes cluster using probes, resource quotas, taints, and tolerations. You will also get an overview of Docker and review Docker and Kubernetes best practices. Finally, you will learn about the kubectl command line tool. You will: Learn about basic and advanced Kubernetes objects and workload resources Master important concepts such as namespaces, selectors, annotations, and access control Understand the Kubernetes networking and storage system Manage a Kubernetes cluster with the help of probes, resource quotas, limits, and taints.