

Kubernetes for Absolute Beginners

Getting Familiar with K8s and Container Technologies

Learn modern application deployment practices using containers and gain the foundational knowledge and practical skills that can be applied in real-world scenarios. This book aims to make Kubernetes and container technologies easier to understand for those new to cloud computing and containerization.

Aided by clear explanations, pictures, and diagrams, you'll start by reviewing the basics of container technologies, how Kubernetes works, how to deploy applications, and how networking works within this open-source system. Then, guided by a step-by-step approach to learning complex topics, the book explains why containers and Kubernetes are important in modern software development and shows you how these technologies are changing the way we build and run software.

Featuring shorter chapters that break down difficult concepts, is your starting point for understanding the future of software infrastructure and how this important system will help super-charge your career.

You Will:

- Understand the basics of Kubernetes, including its architecture and core components, and how it manages containerized applications
- Acquire hands-on skills in deploying, managing, and scaling applications using Docker and Kubernetes
- Explore advanced topics such as networking, security, storage solutions, and resource management in Kubernetes
- Use YAML files, ConfigMaps, and Secrets for configuration management

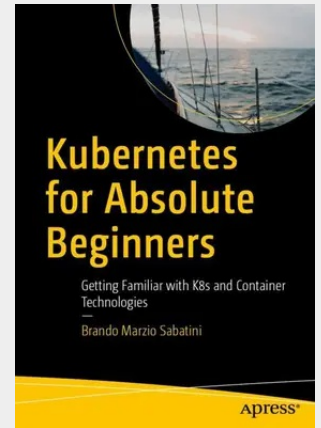
This Book Is For

IT professionals and developers who are new to Kubernetes and container technologies.

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40,65 €

37,99 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9798868824449

Medium: Buch

ISBN: 979-8-8688-2444-9

Verlag: Apress

Erscheinungstermin: 05.05.2026

Sprache(n): Englisch

Auflage: 1. Auflage 2026

Produktform: Kartoniert

Gewicht: 460 g

Seiten: 216

Format (B x H): 178 x 254 mm

