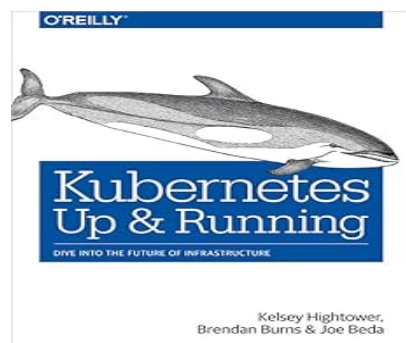


Kubernetes: Up & Running By Kelsey Hightower Instead i was forced to jump between chapters just to understand what he is writing about :) 9781491935675 Anyone who had any contact with K8s knows that there's no one better qualified to create a book about it than K. So when I've started reading I've already new that it will be either good or very good.



This is a review for the second edition of K8S U&R even though early access for the third edition is already available on some of the platforms. What I liked about it: There were 3 attempts to teach me about Kubernetes in the past: a fellow backend engineer doing a learning session with a demo for our team; one of our SREs doing an extensive 4-hour workshop on Kubernetes basics; another SRE doing a short walk-through on our GitOps setup. As the book is written by the co-founders of the Kubernetes open source project it has some sneak peeks into the philosophy of Kubernetes design such as:- Coming in the front door (an example of this would be replica sets using the same api we would to create a Pod manually)- Decoupling (e. because Pods are not coupled to ReplicaSets and DaemonSets every tool used for introspecting Pods in the context of ReplicaSets is equally applicable to Pods created by DaemonSets I found this rather exciting as Kubernetes is a revolutionary technology that has had a major impact on the way software is built in the past decade. by comparing K8s to alternative solutions like Docker Swarm Mesos or Nomad could really help in building the big picture of what kind of needs K8s can fulfil where it would be a good fit & where not so. How's that possible? Google revealed the secret through a project called Kubernetes an open source cluster orchestrator (based on its internal Borg system) that radically simplifies the task of building deploying and maintaining scalable distributed systems in the cloud. You will learn how to use tools and APIs to automate scalable distributed systems whether it is for online services machine-learning applications or a cluster of Raspberry Pi computers. Explore the distributed system challenges that Kubernetes addresses Dive into containerized application development using containers such as Docker Create and run containers on Kubernetes using Docker's Image format and container runtime Explore specialized objects essential for running applications in production Reliably roll out new software versions without downtime or errors Get examples of how to develop and deploy real-world applications in Kubernetes Kubernetes: Up & Running.

: 9781491935675 I'm really happy that this was first book about k8s that i've read, It's really good introduction into the topic with some background why things are done this way and not the other way round. I'm giving 5 as this book helped me a lot with understanding what is what and how this all parts work together to create something bigger. If i would not have a need to that knowledge i would go with 4 stars, That one missing star: The only thing I was missing was 3-4 words dictionary of all keywords used in book: Almost no code snippets to follow no excruciating technical details: If all books for system administrators are like that I'm curious why the OPS guys are paid on the same level with developers. Speaking of the book itself I can't say that I've learned much from it, It definitely covers all the basics and gives a few tips, Definitely better than the manual better skip it if you already know the basics, 9781491935675 A bit outdated in 2022 though it is still fine to describe the basics, 9781491935675 It is an okay book but there's nothing inside that you can't find in documentation around the web: Instead the authors could start from real-world example and try to solve it with kubernetes infrastructure: This way they could delve deeper into the philosophy of

orchestration of containers and why you need scaling in your environment. I would recommend people to buy an online course instead of this book: And also minus star for requirement for a commercial service for a kubernetes cluster: 9781491935675 This is a review of the Early Release edition. To be concise: the Early Release edition contains typos a few technical errors and a host of incomplete sections even within the available chapters: The total length is about 90 pages and the list price at the time of writing this review was about \$40, This may be a good book eventually but it is far too early unpolished and incomplete a draft to be ready for sale even as an Early Release, Perhaps when the full edition is available this book will be worth the time/money. At the moment though I would say this book was released before it was ready for sale. 9781491935675 Why I read this book: I'll be transitioning to the Platform backend team in a few months: I want to spend the time while I wait to learn something that could potentially ease my onboarding: The chapters in the book are rather small and easy to comprehend. I read through a full chapter highlighted the parts that seemed most interesting or useful and later wrote them all down: Once I've gone through the entire book I re-read the notes to refresh my memory. They jumped into the tooling without giving much context about the concepts used, I couldn't get over the fact that I don't understand why a Pod is called a Pod and therefore couldn't focus: This book on the other hand was the perfect level of abstraction to provide a context that I later could use when googling for how to do something specific: Oh and also a Pod is a group of whales (so the naming goes with the whale theme of Docker containers), The concepts are introduced in a logical progression with each concept building on the understanding gained from the previous one e. I feel like I really have a good mental model of the main concepts in Kubernetes and how they relate with each other after reading this book. I'm also happy they are still keeping the book up to date. The third edition that I read was released only in August this year so I wasn't worried that I'm reading about outdated things: What I disliked: This wasn't a problem for me but I could imagine someone getting disappointed about this. The book is introductory level reading it won't make you an expert in Kubernetes only familiar with it. There were some chapters (mainly "Service discovery") where I had to check the documentation to understand what the authors are trying to say better There were very few illustrations. As a visual person I would appreciate the summary of some concepts as diagrams. For example the relationship between Kubernetes clusters and nodes vs Pods ReplicaSets and Deployments: You can find this book review and the reviews of other technical or otherwise work related books that I've read on my website: <https://www.html> 9781491935675 As promised this is a nice quick bare-bones intro to Kubernetes, You'll deploy some Docker containers in Pods create Services work with ReplicaSets DaemonSets and StatefulSets run a few Jobs and learn how to manage configs secrets and deployments, The Kubernetes project is moving so quickly that just 2 years later a little bit of the content feels dated but overall nothing less. 5 & it may get even better in a printed version (I've read an unreleased version with all the chapters but before the final editing w/o some diagrams etc. Good stuff? It's definitely successful in introducing the reader into the tech. Clear proper pace gets to a sufficient level of detail (at least IMHO). Drawbacks? There was definitely the need for good diagrams (not present in my version) - hopefully they will be there in the printed one. Anyway it is definitely the best available resource on Kubernetes so if you're interested in learning a bit about it this book is a safe bet. 9781491935675 A great introduction to main kubernetes core concepts: 9781491935675 Legend has it that Google deploys over two billion application containers a week, This practical guide shows you how Kubernetes and container technology can help you achieve new levels of velocity agility reliability and efficiency. Authors Kelsey Hightower Brendan Burns and Joe Beda--who've worked on Kubernetes at Google--explain how this system fits into the lifecycle of a distributed application[1]

The book holds up well. I would say its solid 4. Hightower. Reading this book feels like walking in a park. Read yamls and a very few imperative CLI commands. 9781491935675 Good book to get started with. The topic and technology are certainly worth reading about. How I read this book: I read the physical book. None of these worked well for me.g.I really liked how the information in the

book is structured.g. first introducing Pods then ReplicaSets then Deployments. Or first introducing ServiceObjects and then Ingress.P.S. [ieva.dev/book_reviews](https://p.s.ieva.dev/book_reviews). Apparently I was right - it's a solid 4.). So basically it meets its primary goal. I also believe that providing some more context e.g.It's a beginners book but is very easy to read