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The Kubernetes Book: Amazon.co.uk: Poulton, Nigel... The Kubernetes Book assumes you know nothing & teaches you everything to get up-and-running fast! You'll learn: All the Kubernetes architecture, how to build K8s, deploy, self-heal, scale, perform rolling updates on apps and how to secure Kubernetes. Kept up-to-date to be the best Kubernetes book. Order now at Amazon.com.

nigelpoulton.com—The Kubernetes Book, Docker Books... The Kubernetes Book starts from the beginning and covers everything you need to know to be proficient with Kubernetes. It even includes two chapters dedicated to threat-modeling Kubernetes and real-world security. You'll learn: - Kubernetes architecture - How to build Kubernetes - How to deploy and manage applications on Kubernetes

The Kubernetes Book: Updated Feb 2020 eBook: Poulton... A book entitled The Kubernetes Book written by Nigel Poulton, published by Unknown which was released on 26 June 2019. Download The Kubernetes Book Books now!Available in PDF, EPUB, Mobi Format. Understand the Kubernetes ecosystem and learn techniques to run fault-tolerant, scalable applicationsKey Features* Gain insight into the inner workings of Kubernetes* Learn how to deploy and manage ...

[PDF] The Kubernetes Book eBook Download PDF EPUB Tuebl... The Kubernetes Book, Nigel Poulton. Containers are here and resistance is futile! Now that we're getting our heads around Docker, we need an orchestration platform to help us manage our containerized apps. Kubernetes has emerged as the hottest and most important container orchestration platform in the world.

The Kubernetes Book | Nigel Poulton | download The Kubernetes Book starts from the beginning, explains all concepts in a clear and friendly manner, and covers everything needed for you to become proficient at Kubernetes. It even includes two chapters dedicated to threat-modeling Kubernetes and real-world security. You'll learn: Kubernetes architecture; How to build Kubernetes

Download eBook—The Kubernetes Book—PDF, ePUB—1521823634 Nigel's love of tech, especially Kubernetes and Docker, is reflected in his fun, passionate, unique and "mind-blowing training" aimed for both beginners and aspiring pros. Nigel prides himself in adding value and he's is not your ordinary trainer, as he gets inside your head and inspires you to take your next steps.

nigelpoulton.com—Kubernetes, Docker, K8s However, like other reviewers mentioned the author should not have adopted to using Kubernetes without mentioning it in pre-reg. Examples don't provide much value this way. I have read "The Kubernetes Book" by Nigel so was able to understand concepts such as Pod and YAML syntax.

Designing Distributed Systems: Patterns and Paradigms for... The Kubernetes Book. By Nigel Poulton @nigelpoulton. Containers have revolutionized the way build, ship, and run our applications. Through this guide, you will learn Kubernetes cluster architecture, how to build Kubernetes Clusters, how to use and manage applications on Kubernetes, how to secure Kubernetes, and more.

The 7 Best Books to Get You Started with Kubernetes The Kubernetes Book starts from the beginning, explains all concepts in a clear and friendly manner, and covers everything needed for you to become proficient at Kubernetes. It even includes two chapters dedicated to threat-modeling Kubernetes and real-world security.

The Kubernetes Book: Poulton, Nigel: 9781521823637: Amazon... Nigel Poulton nigelpoulton. Making Kubernetes less scary. Follow. Block or report user Block or report nigelpoulton. ... YAML files for use with The Kubernetes Book Dockerfile 111 104 k8s-sample-apps. Forked from kubernetes/examples. Kubernetes application example tutorials ...

nigelpoulton (Nigel Poulton) - GitHub 1. The Kubernetes Book - By Nigel Poulton. The Kubernetes Book starts from the beginning and covers everything you need to know to be proficient with Kubernetes. It even includes two chapters dedicated to threat-modeling Kubernetes and real-world security. You'll learn:

Best Kubernetes Study books 2020 | ComputingForGeeks Book Review - "The Kubernetes Book" by Nigel Poulton As a SQL Server professional, I find it extremely exciting when new features come out. For example, when Microsoft launched SQL Server 2017, you could install it on Linux. SQL Server 2019 supports availability groups on containers in a Kubernetes cluster.

Book Review - "The Kubernetes Book" by Nigel Poulton... The Kubernetes Book: Understand the Kubernetes ecosystem and learn techniques to run fault-tolerant, scalable applications Kubernetes is the leading orchestrator of cloud-native apps. With knowledge of how to work with Kubernetes, you can easily deploy and manage applications on the cloud or in your on-premises data center.

The Kubernetes Book—Free PDF Download Nigel Poulton is the author of The Kubernetes Book (4.23 avg rating, 438 ratings, 50 reviews), Docker for Sysadmins (4.31 avg rating, 166 ratings, 15 rev...

Nigel Poulton (Author of The Kubernetes Book) I work with Kubernetes and I really liked the audio book. I sent this to a business partner who is non-technical and he understood why and how Kubernetes is so valuable. So Nigel got the right mix. Tech books can't possibly keep up with the latest and greatest new features, so don't read/listen for that stuff.

The Kubernetes Book Audiobook | Nigel Poulton | Audible.co.uk The Kubernetes Book. Lab files for The Kubernetes Book.. Enjoy!

YAML files for use with The Kubernetes Book—GitHub This is a book about Kubernetes - no prior knowledge required! It's designed to teach you the theory and the practical as fast as possible so that you can hit the ground running with your first Kubernetes deployment.

The Kubernetes Book by Nigel Poulton | Leanpub PDF/Pad/Kindle| Nigel Poulton made this book a verbal learning tool. AND he definitely knows his subject matter. The book was just deep enough to provide a newbie with pieces of the K8s technology to form a solid foundation to work from. 2 people found this helpful

April 2021 edition. Brought to you by best-selling author and video trainer, Nigel Poulton. Every page and every example has been checked and updated against the latest versions of Kubernetes (1.20+) and the latest trends in the cloud-native ecosystem. Containers have revolutionized the way we package and run applications. However, like most things, containers come with a bunch of challenges. This is where Kubernetes comes into play. Kubernetes helps you deploy and manage containerized applications at scale. It also abstracts the underlying infrastructure so that you don't need to care if you're deploying applications to Amazon Web Services, Microsoft Azure, or your own on-premises datacenter. With Kubernetes, you can develop applications on your laptop, deploy to your favourite cloud platform, migrate to a different cloud platform, and even migrate to your on-premises datacenters. The Kubernetes Book starts from the beginning, explains all concepts in a clear and friendly way, and covers everything you need to become proficient at Kubernetes. You'll learn: - Kubernetes architecture - How to build Kubernetes - How to deploy, self-heal, scale, and perform rolling updates on applications - What the Kubernetes API is and how it works - How to secure Kubernetes - The meaning of terms such as: cloud-native, microservices, desired state, containerized, and more... Finally, Kubernetes and cloud technologies are developing fast! That's why this book will be updated every year, meaning it's always up-to-date with the latest versions of Kubernetes and the latest trends in the cloud-native ecosystem.

Do you need to figure out what Kubernetes is all about? Do you like learning through hands-on? If yes, this is the book for you... Quick Start Kubernetes, brought to you by best-selling author Nigel Poulton, assumes zero prior experience and gets you to the point you can hold deploy and manage a simple app. And it does it in less than 100 pages! You'll learn: - Why we have Kubernetes - What Kubernetes is - Where Kubernetes is going - The fundamentals of Kubernetes architecture You'll also perform the following hands-on tasks: - Build a cluster - containerize an app - Deploy the app to Kubernetes - Break the app and watch it self-heal - Scale the app - Perform a rolling update Along the way, Nigel explains everything as clearly as possible and busts every piece of jargon. When you're done, you'll be in love with Kubernetes and ready to use your skills in the real world.

Giving you the confidence you need to take on Docker in the real world, this guide is the ultimate book for learning Docker, brought to you by Docker Captain and leading educator in the container ecosystem. --

Including two sections dedicated to threat-modeling Kubernetes and real-world security, this straightforward resource is an easy-to-read book that covers the fundamental and important parts of Kubernetes. --

Start from scratch and develop the essential skills needed to create, deploy, and manage cloud-native applications using Docker Key Features Get a solid understanding of Docker and containers Overcome common problems while containerizing an application Master Docker commands needed for creating, deploying, and running applications Book Description Most applications, even the funky cloud-native microservices ones, need high-performance, production-grade infrastructure to run on. Having impeccable knowledge of Docker will help you to thrive in the modern cloud-first world. With this book, you'll gain the skills you need to work with Docker and its containers. The book begins with an introduction to containers and explains its functionality and application in the real world. You'll then get an overview of VMware, Kubernetes, and Docker and learn to install Docker on Windows, Mac, and Linux. Once you've understood the Ops and Dev perspective of Docker, you'll be able to see the big picture and understand what Docker exactly does. The book then turns its attention to the more technical aspects, guiding you through practical exercises covering Docker engine, Docker images, and Docker containers. You'll learn techniques for containerizing an app, deploying apps with Docker Compose, and managing cloud-native applications with Swarm. You'll also build Docker networks and Docker overlay networks and handle applications that write persistent data. Finally, you'll deploy apps with Docker stacks and secure your Docker environment. By the end of this book, you'll be well-versed in Docker and containers and have developed the skills to create, deploy, and run applications on the cloud. What you will learn Become familiar with the applications of Docker and containers Discover how to pull images into Docker host's local registry Find out how to containerize an app Build and test a Docker overlay network in the swarm mode Use Docker compose to deploy and manage multi-container applications Securely share sensitive data with containers and Swarm services Who this book is for Whether you are a beginner or an experienced developer looking to utilize Docker to develop and operate cloud-native microservices this book is for you. Anyone who wants to learn Docker orchestration, networking, imaging, and security will also find it useful. No prior knowledge of Docker is necessary.

Summary Kubernetes in Action is a comprehensive guide to effectively developing and running applications in a Kubernetes environment. Before diving into Kubernetes, the book gives an overview of container technologies like Docker, including how to build containers, so that even readers who haven't used these technologies before can get up and running. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Kubernetes is Greek for "helmsman," your guide through unknown waters. The Kubernetes container orchestration system safely manages the structure and flow of a distributed application, organizing containers and services for maximum efficiency. Kubernetes serves as an operating system for your clusters, eliminating the need to factor the underlying network and server infrastructure into your designs. About the Book Kubernetes in Action teaches you to use Kubernetes to deploy container-based distributed applications. You'll start with an overview of Docker and Kubernetes before building your first Kubernetes cluster. You'll gradually expand your initial application, adding features and deepening your knowledge of Kubernetes architecture and operation. As you navigate this comprehensive guide, you'll explore high-value topics like monitoring, tuning, and scaling. What's Inside Kubernetes' internals Deploying containers across a cluster Securing clusters Updating applications with zero downtime About the Reader Written for intermediate software developers with little or no familiarity with Docker or container orchestration systems. About the Author Marko Luksa is an engineer at Red Hat working on Kubernetes and OpenShift. Table of Contents PART 1 - OVERVIEW Introducing Kubernetes First steps with Docker and Kubernetes PART 2 - CORE CONCEPTS Pods: running containers in Kubernetes Replication and other controllers: deploying managed pods Services: enabling clients to discover and talk to pods Volumes: attaching disk storage to containers ConfigMaps and Secrets: configuring applications Accessing pod metadata and other resources from applications Deployments: updating applications declaratively StatefulSets: deploying replicated stateful applications PART 3 - BEYOND THE BASICS Understanding Kubernetes internals Securing the Kubernetes API server Securing cluster nodes and the network Managing pods' computational resources Automatic scaling of pods and cluster nodes Advanced scheduling Best practices for developing apps Extending Kubernetes

Updated for Docker Community Edition v18.09! Docker book designed for SysAdmins, SREs, Operations staff, Developers and DevOps who are interested in deploying the open source container service Docker. In this book, we'll walk you through installing, deploying, managing, and extending Docker. We're going to do that by first introducing you to the basics of Docker and its components. Then we'll start to use Docker to build containers and services to perform a variety of tasks. We're going to take you through the development lifecycle, from testing to production, and see where Docker fits in and how it can make your life easier. We'll make use of Docker to build test environments for new projects, demonstrate how to integrate Docker with continuous integration workflow, and then how to build application services and platforms. Finally, we'll show you how to use Docker's API and how to extend Docker yourself. We'll teach you how to: * Install Docker. * Take your first steps with a Docker container. * Build Docker images. * Manage and share Docker images. * Run and manage more complex Docker containers. * Deploy Docker containers as part of your testing pipeline. * Build multi-container applications and environments. * Learn about orchestration using Compose and Swarm for the orchestration of Docker containers and Consul for service discovery. * Explore the Docker API. * Getting Help and Extending Docker.

Learn efficient ways to harness and manage your data storage networks Whether you're preparing for the CompTIA Storage+ exam or simply seeking a deeper understanding of data storage networks, this Sybex guide will help you get there. This book covers data storage from the basics to advanced topics, and provides practical examples to show you ways to deliver world-class solutions. In addition, it covers all the objectives of the CompTIA Storage+ exam (SG0-001), including storage components, connectivity, storage management, data protection, and storage performance. Focuses on designing, implementing, and administering storage for today's evolving organizations, getting under the hood of the technologies that enable performance, resiliency, availability, recoverability, and simplicity Covers virtualization, big data, cloud storage, security, and scalability as well as how storage fits in to the wider technology environments prevalent in today's cloud era Provides advice and real-world examples that storage administrators in the trenches can actually use An excellent study aid for the CompTIA Storage+ exam (SG0-001), covering all the exam objectives Data Storage Networking: Real World Skills for the CompTIA Storage+ Certification and Beyond provides a solid foundation for data storage administrators and a reference that can be consulted again and again.

Kubernetes has become the dominant container orchestrator, but many organizations that have recently adopted this system are still struggling to run actual production workloads. In this practical book, four software engineers from VMware bring their shared experiences running Kubernetes in production and provide insight on key challenges and best practices. The brilliance of Kubernetes is how configurable and extensible the system is, from pluggable runtimes to storage integrations. For platform engineers, software developers, infosec, network engineers, storage engineers, and others, this book examines how the path to success with Kubernetes involves a variety of technology, pattern, and abstraction considerations. With this book, you will: Understand what the path to production looks like when using Kubernetes Examine where gaps exist in your current Kubernetes strategy Learn Kubernetes's essential building blocks--and their trade-offs Understand what's involved in making Kubernetes a viable location for applications Learn better ways to navigate the cloud native landscape

This workshop takes you through a Kubernetes-oriented application delivery pipeline in a practical way. You'll learn how to manage containers efficiently and scale and stabilize cloud-native applications using Kubernetes.

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