

## Kib Micro Monitor Troubleshooting

'Ik was stomverbaasd dat ik nog nooit van dit boek had gehoord. Voor mij is het even belangrijk als het dagboek van Anne Frank.' - Steve McQueen Solomon Northup, in 1808 als vrij man geboren in New York, wordt in 1841 ontvoerd en in het Zuiden verkocht als slaaf. Twaalf jaar lang werkt hij op plantages in Louisiana, vaak onder de meest wrede omstandigheden, altijd in de hoop zijn vrijheid terug te winnen. In 1853 komt Northup eindelijk vrij. In datzelfde jaar verschijnt 12 jaar slaaf, zijn eigen aangrijpende relaas van zijn gevangenschap in een van de donkerste periodes uit de Amerikaanse geschiedenis. Het boek slaat direct in als een bom en opent vele Amerikanen de ogen voor de onmenselijkheid van het slavernijsysteem. 12 Years a Slave is verfilmd door de Britse filmmaker Steve McQueen en werd geproduceerd door onder anderen Brad Pitt. De film won de Golden Globe voor Beste Film en is genomineerd voor negen Oscars, waaronder die voor Beste Film. Het boek verschijnt voor het eerst in Nederlandse vertaling. Met een voorwoord van Steve McQueen en een inleiding van Bianca Stigter

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Master the art of implementing scalable microservices in your production environment with ease About This Book Use domain-driven design to build microservices Use Spring Cloud to use Service Discovery and Registration Use Kafka, Avro and Spring Streams for implementing event based microservices Who This Book Is For This book is for Java developers who are familiar with the microservices architecture and now wants to take a deeper dive into effectively implementing microservices at an enterprise level. A reasonable knowledge level and understanding of core microservice elements and applications is expected. What You Will Learn Use domain-driven design to design and implement microservices Secure microservices using Spring Security Learn to develop REST service development Deploy and test microservices Troubleshoot and debug the issues faced during development Learning best practices and common principals about microservices In Detail Microservices are the next big thing in designing scalable, easy-to-maintain applications. It not only makes app development easier, but also offers great flexibility to utilize various resources optimally. If you want to build an enterprise-ready implementation of the microservices architecture, then this is the book for you! Starting off by understanding the core concepts and framework, you will then focus on the high-level design of large software projects. You will gradually move on to setting up the development environment and configuring it before implementing continuous integration to deploy your microservice architecture. Using Spring security, you will secure microservices and test them effectively using REST

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Java clients and other tools like RxJava 2.0. We'll show you the best patterns, practices and common principals of microservice design and you'll learn to troubleshoot and debug the issues faced during development. We'll show you how to design and implement reactive microservices. Finally, we'll show you how to migrate a monolithic application to microservices based application. By the end of the book, you will know how to build smaller, lighter, and faster services that can be implemented easily in a production environment. Style and approach This book starts from the basics, including environment setup and provides easy-to-follow steps to implement the sample project using microservices.

A comprehensive guide with basic to advanced SRE practices and hands-on examples. KEY FEATURES ? Demonstrates how to execute site reliability engineering along with fundamental concepts. ? Illustrates real-world examples and successful techniques to put SRE into production. ? Introduces you to DevOps, advanced techniques of SRE, and popular tools in use. DESCRIPTION Hands-on Site Reliability Engineering (SRE) brings you a tailor-made guide to learn and practice the essential activities for the smooth functioning of enterprise systems, right from designing to the deployment of enterprise software programs and extending to scalable use with complete efficiency and reliability. The book explores the fundamentals around SRE and related terms, concepts, and techniques that are used by SRE teams and experts. It discusses the essential elements of an IT system, including microservices, application architectures, types of software deployment, and concepts like load balancing. It explains the best techniques in delivering timely software releases using

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containerization and CI/CD pipeline. This book covers how to track and monitor application performance using Grafana, Prometheus, and Kibana along with how to extend monitoring more effectively by building full-stack observability into the system. The book also talks about chaos engineering, types of system failures, design for high-availability, DevSecOps and AIOps. WHAT YOU WILL LEARN ? Learn the best techniques and practices for building and running reliable software. ? Explore observability and popular methods for effective monitoring of applications. ? Workaround SLIs, SLOs, Error Budgets, and Error Budget Policies to manage failures. ? Learn to practice continuous software delivery using blue/green and canary deployments. ? Explore chaos engineering, SRE best practices, DevSecOps and AIOps. WHO THIS BOOK IS FOR This book caters to experienced IT professionals, application developers, software engineers, and all those who are looking to develop SRE capabilities at the individual or team level. TABLE OF CONTENTS 1. Understand the World of IT 2. Introduction to DevOps 3. Introduction to SRE 4. Identify and Eliminate Toil 5. Release Engineering 6. Incident Management 7. IT Monitoring 8. Observability 9. Key SRE KPIs: SLAs, SLOs, SLIs, and Error Budgets 10. Chaos Engineering 11. DevSecOps and AIOps 12. Culture of Site Reliability Engineering

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