Effective Monitoring And Alerting For Web Operations Slawek Ligus

Effective Monitoring and Alerting (Slawek Ligus) 2012 With this practical book, you'll learn how to catch complications in your distributed system before they happen, enabling you to improve your monitoring system for the long-term. The book starts by describing basic monitoring concepts and types of monitoring that are used in a large-scale IT production environment. Moving on, the book covers how standard monitoring features are implemented on the monitoring platform, and how they can be rolled out in a multi-platform IT environment. As you progress, you’ll discover how Zabbix is integrated with third-party applications, including Amazon CloudWatch, Microsoft Azure, and others. The book also covers how you can extend Zabbix with third-party monitoring libraries, such as Prometheus or Grafana.

Prometheus: Up & Running (Slawek Ligus) 2018 Get up to speed with Prometheus, the open source monitoring platform that has revolutionized monitoring for companies across the globe. This book teaches you how to install, configure, and monitor your applications and services using Prometheus. You’ll learn how to monitor host performance and service availability, how to query and render metrics with Grafana, and how to utilize Prometheus for capacity planning and rolling upgrades.

SRE with Java Microservices (Jonathan Scholnik) 2020-07-27 SRE with Java Microservices gives you the tools you need to monitor your services and applications at the speed of development. This book is perfect for DevOps engineers, site reliability engineers, and any IT professional who wants to implement and scale Java microservices.

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Implementing Service Level Objectives

Although service-level objectives (SLOs) continue to grow in importance, there’s a distinct lack of information about how to implement them. Practical advice that does exist usually assumes that your team already has the infrastructure, testing, and culture in place. In this book, recognized SLO expert Alex Sibley explains how to build an SLO culture from the ground up. Ideal for posters and daily reference for anyone creating both the culture and building necessary for SLO-based approaches to reliability, this guide provides detailed analysis of advanced SLO and service-level indicator (SLI) techniques. Armed with mathematical models and empirical knowledge to help you get the most out of an SLO-based approach, you’ll learn how to build systems with resilience to failures, how to understand and maximize reliability at scale, and how to build a team of reliability experts. Written for all levels of experience, Define SLOs concisely and accurately to measure the reliability of a service from a user’s perspective Create appropriate SLO targets, including how to perform statistical and probability analysis Use service-level indicators and SLIs to help your team make better decisions and make better data-driven decisions Build supportive testing and音樂

Monitoring with Prometheus

James Turnbull 2019-08-15 Learn how to implement metrics-centric monitoring with Prometheus. This introductory book teaches you to use Prometheus to monitor hosts, applications, and services. We cover installation, basic monitoring, service discovery, alerting, log monitoring, and visualization. Includes introducing you to monitoring basics, methodologies and approaches. Learn how to monitor in a metrics-centric world including building dynamic thresholds, basic anomaly detection, monitoring aggregation, and federation. We’ll look at how to apply modern patterns like Google’s Four Golden Signals, the SSE method, and the RED method. We cover monitoring Kubernetes, Docker containers, databases, and we look at instrumenting applications and integrating logging.

Crafting the InfoSec Playbook

Jamie Bartram 1999-11-25 This book, which has been prepared by an international group of experts, provides comprehensive guidance for the design, planning and implementation of assessments and monitoring programmes for water bodies used for recreation. It addresses the wide range of hazards which may be encountered and emphasizes the importance of linking monitoring and data collection to effective action. Includes introducing you to monitoring basics, methodologies and approaches. Learn how to implement metrics-centric monitoring with Prometheus. This introductory book teaches you to use Prometheus to monitor hosts, applications, and services. We cover installation, basic monitoring, service discovery, alerting, log monitoring, and visualization. Includes introducing you to monitoring basics, methodologies and approaches. Learn how to monitor in a metrics-centric world including building dynamic thresholds, basic anomaly detection, monitoring aggregation, and federation. We’ll look at how to apply modern patterns like Google’s Four Golden Signals, the SSE method, and the RED method. We cover monitoring Kubernetes, Docker containers, databases, and we look at instrumenting applications and integrating logging.

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