

Introduction

Introduction to LOGG Stack: The Beginning

Welcome to *LOGG Stack: The Beginning*, a project deeply rooted in my extensive journey through the IT world. My career began in the late '90s, building and troubleshooting PCs at a small mom-and-pop shop. I transitioned into end-user support in the early 2000s, where I honed my skills in solving real-world problems for everyday users. As the years passed, I found myself in a more complex role, serving as a Unix admin for 14 years, where I was responsible for everything from network management to enterprise-level application development.

In 2017, I joined Elastic, where I immersed myself in the world of data analytics, search technologies, and the power of open-source solutions. After three years, I switched employers and moved into a DevOps role, further expanding my skill set and understanding of system automation and efficiency. Now, I've returned to a Layer 1 NOC environment, where I tackle everything from end-user support to network engineering.

For the last few years, I've used the LOGG stack—Linux, OpenSearch, Grafana, and Go—to solve multiple analytics challenges. Over the past nine months, in particular, this stack has proven its worth in providing real-time insights and powerful data analysis. Now, it's time to share the power of this stack with you.

In this book, we'll start by laying the foundation: installing and configuring the core components of the LOGG stack. But this is just the beginning. As we move forward, we'll dive into advanced configurations, custom solutions, and a lot of cool projects along the way. Whether you're looking to enhance your network monitoring capabilities or simply want to explore the potential of open-source tools, this book will guide you through every step of the journey.

Together, we'll unlock the true potential of the LOGG stack and create a resource that not only meets the demands of today's networks but also empowers you to take control of your data and infrastructure in ways you never thought possible. Let's get started!

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