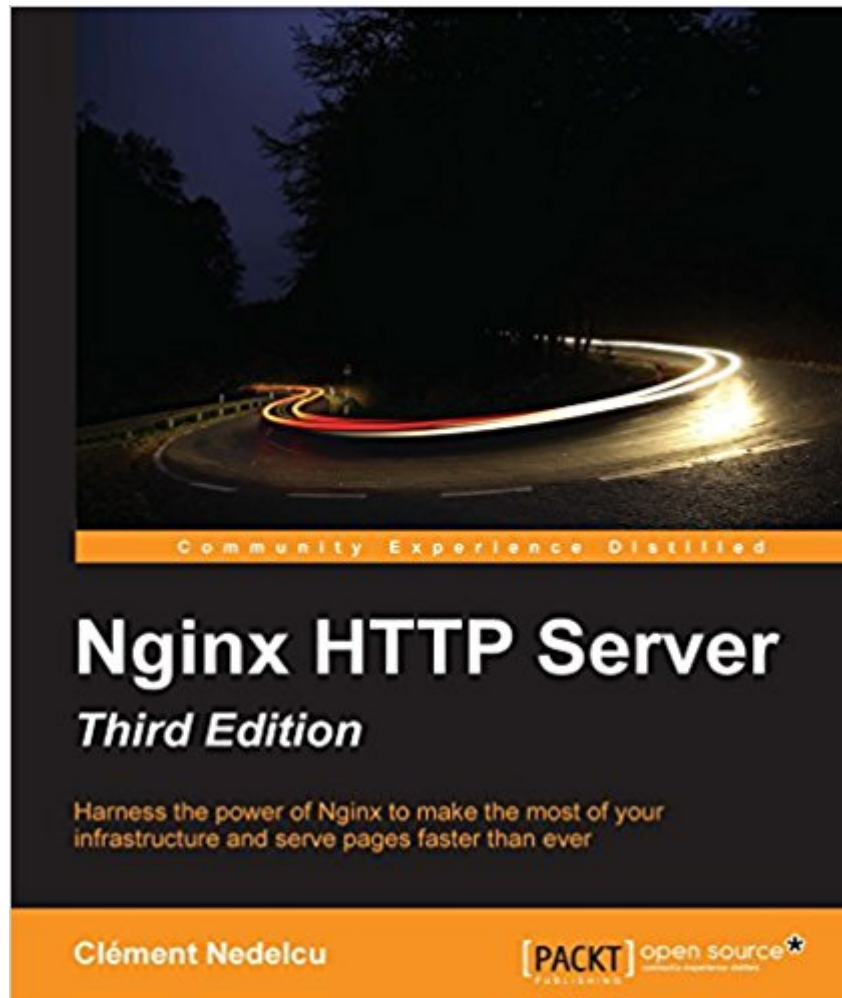




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Nginx HTTP Server - Third Edition



Synopsis

Harness the power of Nginx to make the most of your infrastructure and serve pages faster than ever

About This Book

- Discover possible interactions between Nginx and Apache to get the best of both worlds
- Learn to exploit the features offered by Nginx for your web applications
- Get the newest techniques available, designed with the latest version in mind

Who This Book Is For

By covering both the early setup stages and advanced topics, this book suits web administrators who are interested in solutions to optimize their infrastructure, whether you are looking into replacing your existing web server software or integrating a new tool to cooperate with applications that are already up and running. If you, your visitors, and your operating system have been disappointed by Apache, this book is exactly what you need.

What You Will Learn

- Get to know the basics of the Nginx configuration: syntax, structure, and semantics
- Understand the advanced load balancing functionality of Nginx and the newest innovative IO mechanisms
- Create virtual host configurations effortlessly
- Discover all the first-party modules: how to enable, configure, and use them
- Establish advanced rewrite rules with the Nginx Rewrite module
- Set up Nginx to work with PHP, Python, and more via FastCGI
- Configure Nginx to work as frontend for your existing HTTP server
- Manipulate configuration files with ease and adapt them to various situations
- Discover the common pitfalls and find out how to avoid them

In Detail

Nginx is a lightweight HTTP server designed for high-traffic websites, with network scalability as the primary objective. With the advent of high speed Internet access, short loading times and fast transfer rates have become a necessity. This free, open source solution will either come as a full replacement of other software such as Apache, or stand in front of your existing infrastructure to improve its overall speed. This book is a detailed guide to setting up Nginx in different ways that correspond to actual production situations: as a standalone server, as a reverse proxy, interacting with applications via FastCGI, and more. In addition, this complete directive reference will be your best friend at all stages of the configuration and maintenance processes. This book is the perfect companion for both Nginx beginners and experienced administrators. For beginners, it will take you through the complete process of setting up this lightweight HTTP server on your system and configuring its various modules so it does exactly what you need quickly and securely. For more experienced administrators, this book provides different approaches that can help you make the most of your current infrastructure. Nginx can be employed in many situations, whether you are looking to construct an entirely new web-serving architecture or simply want to integrate an efficient tool to optimize your site loading speeds.

Style and approach

This tutorial-style book includes detailed instructions on each of the processes it describes, as well as step-by-step tutorials, commented configuration sections, and in-depth module

descriptions, so you can make the most of the performance potential offered by Nginx.

Book Information

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Customer Reviews

The book has been modularised quite well to allow for separation of learning outcomes. For example, a reader already familiar with how to install nginx can confidently skip chapter 1 and jump right into the meat of configuring the server. Even for people extremely familiar with nginx, you will find this book extremely helpful as a reference for neat tips to optimise your server for best performance. (check out Chapter 8: Introducing Load Balancing and Optimization) Best of all, unlike a lot of technical books I find myself reading, this book was quite easy to read, a lot of books in this domain tend to be far too dense and end up disengaging the reader

There are quite a few books out on Nginx which reflects on the popularity of this web server. I figured any book making it to a 3rd edition had to be good and I was not disappointed. The material is well organized which allows the reader the opportunity to read the information in whatever order they

need dependent on their expertise. I was migrating from Apache and found that section of the book to be very useful. I did not appreciate how Nginx could make enabling SSL certificates so much easier than Apache until I read 'Setting up an SSL Certificate' in Chapter 4 and 'Securing Communications with HTTPS' in Chapter 9. The book is not only informative but readable which is unusual in a technical book. I hope the 4th edition explains the limitations of the windows version of Nginx now that it is available. Highly recommended! Jim Dale

I strongly recommend this book if you are a Web Administrator, a System Administrator, or an Hobbyist who would like to build a production grade Web Server using Nginx. The book started with an overview on why Nginx is the truly a lightweight and powerful web server being used by many enterprises today, then explain how to install it from source and using package managers, then finishes with a Production grade set up example. The author, Clement Nedelcu has years of experience in administering Nginx Servers for big enterprises so if you would like to prevent yourself from hitting the wall or spending too much time on Google, then this book will save your life and help you start quickly with your awesome web project.

I would say I'm an intermediate user of Nginx and I wanted to have a good reference book it. This book fits the bill. It covers the basics as well as some advanced configurations. Whether you are a starter or have used Nginx but want more, this book is for you.

One of my favorite books so far. Before this book I just known that Nginx were a fast web server and this lead me to have interest to read this book, but Nginx it is much more, it was what I needed to know now to have more efficient web server. This book introduce Nginx history and features, than you will learn how to download and install the required libraries, requirements and basic usage. I liked that this book teach the different points of this kind of server, the advantages and how to use it. I have used Apache in basic projects, I'm not a specialist, but I like to improve my work, so I've been searching for new technologies, and the chapters that compare and teach how to use Apache Nginx together to achieve better results are my favorite because with the background of the author I could understand the point of view of a much more experienced user, this is the best part of this book. The use of Wordpress and ownCloud was a great example of how easy is to use this HTTP server. I would like to recommend this book for everyone interested in Web in general.

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