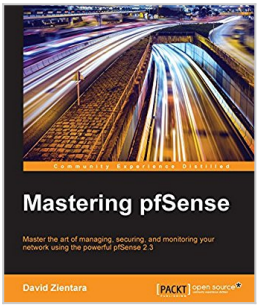

Mastering pfSense

By David Zientara

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Mastering pfSense By David Zientara

Key Features

- Leverage an open source network security solution with rich and enhanced features in order to secure your organization,
- Be an expert in pfSense firewalling and configuring your firewall,
- A masterlng level guide that teaches about the advanced concepts so that you can use pfSense based on organizations requirements.

Book Description

pfSense is an open source network firewall distribution software which is based on FreeBSD operating system. The fact that it provides a plethora of functionalities as compared to a commercial firewall along with being open source; it is used widely and frequently.

The aim of this book is to show the readers how to customize and use advanced installation and configuration for their pfSense system. The book will unleash the firewall functionality of pfSense so that they can transform their pfSense system into an enterprise-level firewall. Using pfSense, the readers will learn how to set up set up a Virtual Private Network (VPN) and incorporate redundancy and high-availability into their network. Later, the readers will explore and make use of the third-party packages to extend their pfSense system.

With the knowledge provided, the readers will go from being a pfSense users to being able to set up a pfSense system which will provide the functionality of a professional-grade firewall/router at a fraction of the cost.

What you will learn

- Configure pfSense services such as DHCP, Dynamic DNS, captive portal, DNS, NTP and SNMP
- Set up a managed switch to work with VLANs
- Use pfSense to allow, block and deny traffic
- Make use of the traffic shaper to lower and raise the priority of certain types of traffic
- Set up and connect to a VPN tunnel with pfSense
- Incorporate redundancy and high availability by utilizing load balancing and the Common Address Redundancy Protocol (CARP)

- Explore diagnostic tools in pfSense to solve network problems

About the Author

David Zientara, has been involved in software and information technology since 1995. His initial experience in software was in writing software for digital companies for Oxberry LLC, an OEM company in northern New Jersey.

David’s main programming experience is with C/C++. I have been involved with Linux since the mid-1990s. He set up a m0n0wall router in 2009, but was somewhat disappointed in the lack of support for OpenVPN, so in 2013 he switched to pfSense, and started pfsensesetup.com a few months after that.

Bio Link:-http://pfsensesetup.com/about-me/

https://www.youtube.com/user/MisterUpsetter/videos

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Editorial Review

About the Author

David Zientara

David Zientara is a software engineer and IT professional living in northern New Jersey. He has 20 years of experience in IT and has been an enthusiastic supporter of the free and open source software (FOSS) community throughout his career, beginning with his first foray into the open source world with Slackware Linux in 1995. In the mid-1990s, David became lead software engineer for Oxberry LLC, a digital imaging company headquartered in New Jersey. In this capacity, he played a major role in developing a new software package for the company's film scanners for Windows while also helping maintain Oxberry's legacy software, which had been developed for the SGI IRIX platform. He continued in this role for many years and continues to play a part in software development for Oxberry's corporate successor. In the mid-2000s, David took an interest in computer networking, an interest that led him to learn about m0n0wall and, eventually, pfSense, a fork of the m0n0wall project. His interest in pfSense prompted him to create a pfSense website, http://pfsensesetup.com/, in June 2013.

Users Review

From reader reviews:

Vicki Head:

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Sandra Kelley:

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