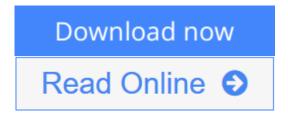


# **Pro Linux System Administration**

By James Turnbull



#### Pro Linux System Administration By James Turnbull

Implement a SOHO or SMB Linux infrastructure to expand your business and associated IT capabilities. Backed by the expertise and experienced guidance of the authors, this book provides everything you need to move your business forward.

*Pro Linux System Administration* makes it easy for small- to medium–sized businesses to enter the world of zero–cost software running on Linux and covers all the distros you might want to use, including Red Hat, Ubuntu, Debian, and CentOS. *Pro Linux System Administration* takes a layered, component–based approach to open source business systems, while training system administrators as the builders of business infrastructure.

Completely updated for this second edition, Dennis Matotek takes you through an infrastructure-as-code approach, seamlessly taking you through steps along the journey of Linux administration with all you need to master complex systems. This edition now includes Jenkins, Ansible, Logstash and more.

#### What You'll Learn:

- Understand Linux architecture
- Build, back up, and recover Linux servers
- Create basic networks and network services with Linux
- Build and implement Linux infrastructure and services including mail, web, databases, and file and print
- Implement Linux security
- Resolve Linux performance and capacity planning issues

#### Who This Book Is For:

Small to medium—sized business owners looking to run their own IT, system administrators considering migrating to Linux, and IT systems integrators looking for an extensible Linux infrastructure management approach.

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#### **Editorial Review**

From the Back Cover

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#### About the Author

**Dennis Matotek** is Senior Development Operations Engineer at Envato, an online digital marketplace where a community of creatives can help bring ideas to life. He helps a small team of engineers deploy code, build infrastructure, and monitor performance to varying different systems; mostly written in Rails. He mostly works with AWS rather than bare metal and appreciates not having to change failed disks.

He lives in Melbourne, Australia with his partner and two children.

**James Turnbull** manages the Computer Emergency Response Team (CERT) at the National Australia Bank. He is also a member of Linux Australia, which included sitting on the Executive Council in 2008, and on the committee of Linux Users of Victoria.

He is a contributor to a number of open source projects and regularly speaks on topics related to writing, systems administration, and open source technologies. He is the author of three books, *Pulling Strings with Puppet: Systems Administration Made Easy* (Apress, 2008), *Hardening Linux* (Apress, 2008), and *Pro Nagios 2.0* (Apress, 2006).

**Peter Lieverdink** was born in a small Dutch country town. He owns a pair of clogs, but has never eaten tulips or lived in a windmill. On his 22nd birthday, Peter moved to Australia and briefly worked in an office cubicle. He now runs his own business, Creative Contingencies Pty, Ltd. The business depends on open source software for infrastructure and development as well as daily office tasks.

Peter specializes in web application development and helping other businesses implement open source solutions using Linux on both desktops and servers.

#### **Users Review**

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