



Red Hat Enterprise Linux Server Cookbook

William Leemans

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Key Features

- Create fully unattended installations and deploy configurations without breaking a sweat
- Discover and kick-start the newest RHEL 7 configuration and management tools through an easy-to-follow, practical approach for a lazy system management
- Be guided by an experienced RHEL expert who is a certified Linux engineer with a passion for open source and open standards

Book Description

Dominating the server market, the Red Hat Enterprise Linux operating system gives you the support you need to modernize your infrastructure and boost your organization's efficiency. Combining both stability and flexibility, RHEL helps you meet the challenges of today and adapt to the demands of tomorrow.

This practical Cookbook guide will help you get to grips with RHEL 7 Server and automating its installation. Designed to provide targeted assistance through hands-on recipe guidance, it will introduce you to everything you need to know about KVM guests and deploying multiple standardized RHEL systems effortlessly. Get practical reference advice that will make complex networks setups look like child's play, and dive into in-depth coverage of configuring a RHEL system. Also including full recipe coverage of how to set up, configuring, and troubleshoot SELinux, you'll also discover how secure your operating system, as well as how to monitor it.

What you will learn

- Set up and configure RHEL 7 Server
- Use NetworkManager to configure all aspects of your network
- Manage virtual environments using libvirt
- Set up software repositories
- Secure and monitor your RHEL environment
- Configure SELinux, and create and apply its policies
- Create kickstart scripts to automatically deploy RHEL 7 systems
- Use Orchestration and configuration management tools to manage your environment

About the Author

William Leemans has over 20 years of experience in the IT industry in various positions and supporting several environments.

In 2005, he started his own consulting company, Critter BVBA, in the hope of offering open source solutions to his customers, who are mainly enterprises.

In 2010, William started supporting Red Hat products full time with the Federal Police, Belgium. Since then, he has moved on to support Red Hat products at Proximus and now Euroclear.

William is a strong open source supporter and contributes where he can. He has a couple of projects running at GitHub (https://github.com/bushvin). During the course of writing this book, William recertified himself as a Red Hat Certified Engineer, hoping to one day become a Red Hat Certified Architect.

When he's not tapping away at the keyboard of his laptop, William likes to play around with his two young children, listen to rock music (Foo Fighters, AC/DC, and Queens of the Stone Age are some of his favorites), and devising complicated and intricate plots for the stories that he runs at his biweekly roleplaying sessions with his friends.

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