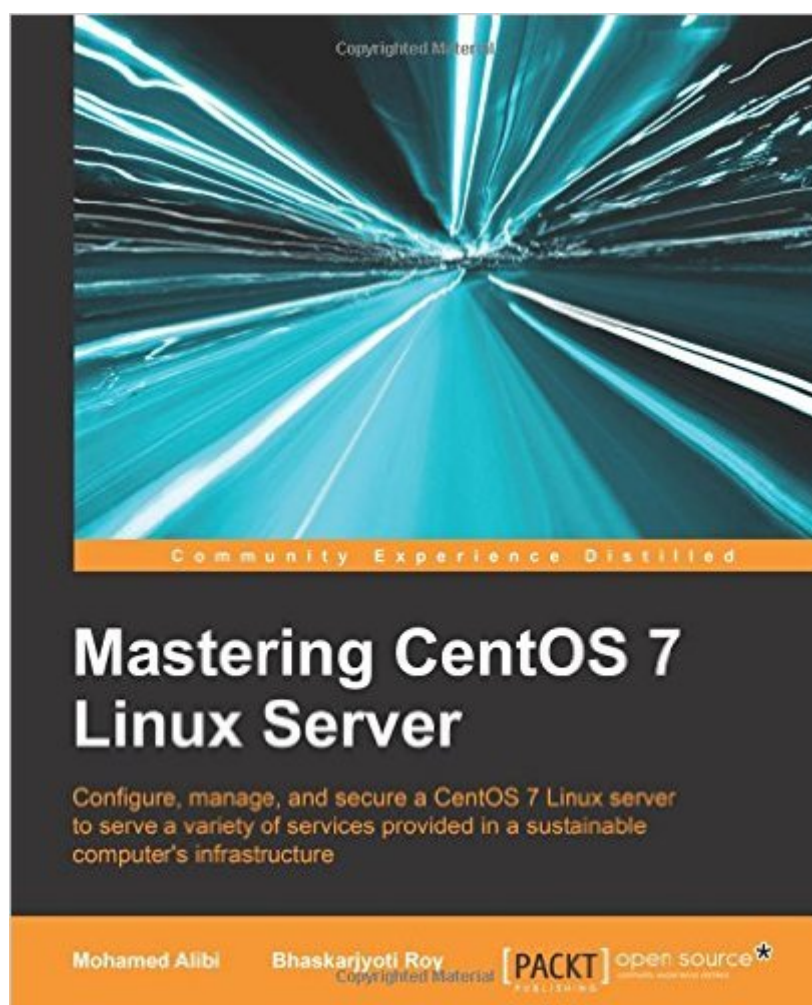# Mastering CentOS 7 Linux Server

Synopsis

Configure, manage, and secure a CentOS 7 Linux server to serve a variety of services provided in a sustainable computer's infrastructure.About This BookLearn how to efficiently set up and manage a Linux server using one of the best suited technologies for this purpose, CentOS 7Personalize your Linux server and familiarize yourself with the latest tools and utilities setup provided by the new CentOS distributionFollow a step-by-step tutorial through the configuration of the requested services with the capacity to personalize them as per your needsWho This Book Is ForIf you are a Linux system administrator with an intermediate administration level, this is your opportunity to master the brand new distribution of CentOS. If you wish to possess a fully sustainable Linux server, with all its new tools and tweaks, that serves a variety of services to your users and customers, this book is ideal for you. It is your ticket to easily adapt to all the changes made in the latest shift.What You Will LearnManage CentOS 7 users, groups, and root access privilegesEnhance the server's security through its firewall and prevent the most common attacks from penetrating or disabling the serverExplore and implement the common, useful services that a CentOS 7 server can provideMonitor your server infrastructure for system or hardware issuesCreate and configure a virtual machine using virtualization technologiesImplement a cloud computing solution on a single node systemGet an introduction to the configuration management tools and their usageDiscover the importance of the tools that provide remote connection, server service security, and system and process monitoring toolsIn DetailMost server infrastructures are equipped with at least one Linux server that provides many essential services, both for a user's demands and for the infrastructure itself. Setting up a sustainable Linux server is one of the most demanding tasks for a system administrator to perform. However, learning multiple, new technologies to meet all of their needs is time-consuming. CentOS 7 is the brand new version of the CentOS Linux system under the RPM (Red Hat) family. It is one of the most widely-used operating systems, being the choice of many organizations across the world.With the help of this book, you will explore the best practices and administration tools of CentOS 7 Linux server along with implementing some of the most common Linux services. We start by explaining the initial steps you need to carry out after installing CentOS 7 by briefly explaining the concepts related to users, groups, and right management, along with some basic system security measures. Next, you will be introduced to the most commonly used services and shown in detail how to implement and deploy them so they can be used by internal or external users. Soon enough, you will be shown how to monitor the server. We will then move on to master the virtualization and cloud computing techniques. Finally, the book wraps up by explaining configuration management and some security tweaks.All these topics and more are covered in this

comprehensive guide, which briefly demonstrates the latest changes to all of the services and tools with the recent shift from CentOS 6 to CentOS 7.Style and approachThis is a detailed and in-depth guide to help you administrate CentOS 7 for the usage of your server's infrastructure and also for personal network security. Each section shows a list of tools and utilities that are useful to perform the required task, in an easy to understand manner.

Book Information

Paperback: 298 pages

Publisher: Packt Publishing - ebooks Account (January 29, 2016)

Language: English

ISBN-10: 1785282395

ISBN-13: 978-1785282393

Product Dimensions: 7.5 x 0.7 x 9.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 starsÂ Â See all reviewsÂ (4 customer reviews)

Best Sellers Rank: #150,385 in Books (See Top 100 in Books)   #2 inÂ Books > Computers & Technology > Operating Systems > Linux > Servers   #42 inÂ Books > Computers & Technology > Networking & Cloud Computing > Network Administration > Linux & UNIX Administration   #51 inÂ Books > Computers & Technology > Operating Systems > Linux > Networking & System Administration

Customer Reviews

This is a great resource for key tasks in CentOS. All of the topics covered are addresses concisely and well. I gave it four stars rather than five as it could use coverage of some additional topics like software management and similar core tasks especially given it's title of "mastering". While it falls a bit short of mastery it's a great resource overall nonetheless.

I would agree with another reviewer first that it does say "Mastering" yet does fall short on the title. However the book covers enough of the core OS to claim some competency with CentOS 7 so I didn't deduct stars for it, note that if you've been working in the field for a long period of time a lot of this book will be just skipped over, so keep that in mind. I wanted to use it as a refresher into the CentOS 7 HPC and HAC deployment book I found by Packt as well, perfect combination. Certainly recommend this book to anyone wanting to enter the realm of CentOS 7 and wanting to administer it effectively, as well as know nearly all of the ins and outs one would expect you to know if you're

looking for a job in Systems Engineering as a Linux Administrator.

I agree with the previous reader about needing more information for Mastery.... Although the author does a very good job a putting a lot of information in a jam packed 279 pages...mastery is not what you will be but well informed. CentOS 7 is a very powerful Linux operating system so take your time and follow each step on your way to mastery.

All these topics and more are covered in this comprehensive guide, which briefly demonstrates the latest changes to all of the services and tools with the recent shift from CentOS 6 to CentOS 7.I agree with this book, it covers all the topics with this important guide.

Download to continue reading...

Mastering CentOS 7 Linux Server Linux: Linux Command Line - A Complete Introduction To The Linux Operating System And Command Line (With Pics) (Unix, Linux kemel, Linux command line, ... CSS, C++, Java, PHP, Excel, code) (Volume 1) CentOS 7 Linux Server Cookbook - Second Edition CentOS 6 Linux Server Cookbook LINUX: Easy Linux For Beginners, Your Step-By-Step Guide To Learning The Linux Operating System And Command Line (Linux Series) Setting Up A Linux Internet Server Visual Black Book: A Visual Guide to Using Linux as an Internet Server on a Global Network Linux For Beginners: The Ultimate Guide To The Linux Operating System & Linux Linux Administration: The Linux Operating System and Command Line Guide for Linux Administrators CompTIA Linux+ Powered by Linux Professional Institute Study Guide: Exam LX0-103 and Exam LX0-104 (Comptia Linux + Study Guide) Linux Apache Web Server Administration (Linux Library) Linux Web Server Development: A Step-by-Step Guide for Ubuntu, Fedora, and other Linux Distributions Linux DNS Server Administration (Craig Hunt Linux Library) Setting Up a Linux Intranet Server Visual Black Book: A Complete Visual Guide to Building a LAN Using Linux as the OS Smart Home Automation with Linux (Expert's Voice in Linux) Linux: For Beginners - Step By Step User Manual To Learning The Basics Of Linux Operating System Today! (Ubuntu, Operating System) Embedded Linux Porting on ARM & RFID Implementation Using ARM SoC: Developing a flexible and agile Board Secure Package Linux with multiple applications Introduction to 64 Bit Assembly Programming for Linux and OS X: Third Edition - for Linux and OS X Linux NFS and Automounter Administration (Craig Hunt Linux Library) Windows to Linux Migration Toolkit: Your Windows to Linux Extreme Makeover Automating Linux and Unix System Administration (Expert's Voice in Linux)

Dmca