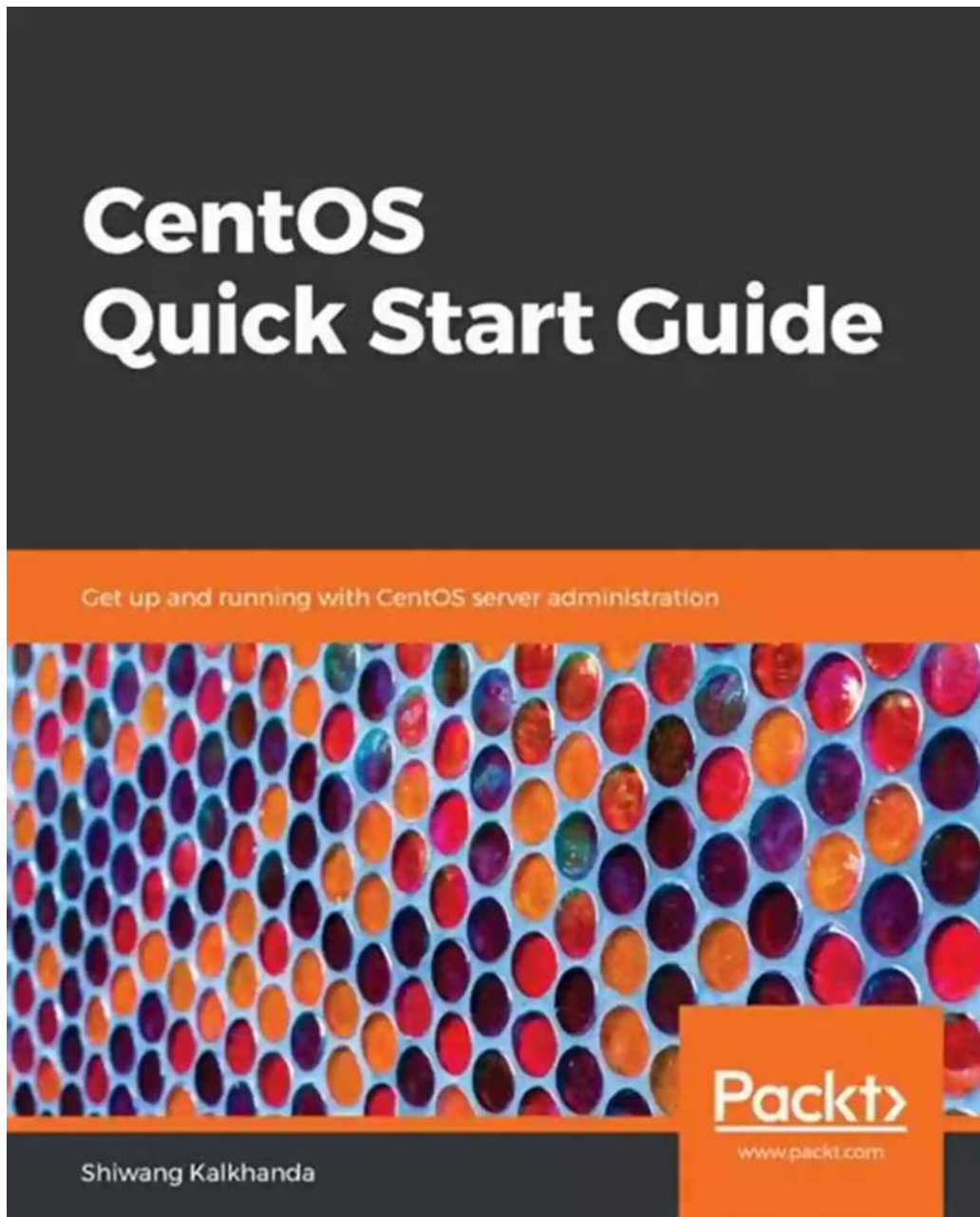# CentOS Quick Start Guide: A Comprehensive Tutorial for Beginners

Are you new to CentOS and looking for a quick start guide to get you up and running? Look no further! In this comprehensive tutorial, we will walk you through the steps of setting up and using CentOS, a popular Linux distribution. This guide

is designed specifically for beginners who want to learn the basics of CentOS and start exploring its powerful features.

Chapter 1: Getting Started

Before we dive into the installation process, let's familiarize ourselves with the CentOS operating system. We will learn about its history, features, and advantages over other Linux distributions. This chapter will help you understand why CentOS is a preferred choice for many users and organizations.

CentOS Quick Start Guide: Get up and running with CentOS server administration

by Shiwang Kalkhanda(Kindle Edition)

★★★★★ 4.5 out of 5

Language	: English
File size	: 22167 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 322 pages

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Chapter 2: Installation

Now that you have a good understanding of CentOS, it's time to install the operating system on your computer. We will guide you through the installation process step-by-step, ensuring that you have a solid foundation to build upon.

Chapter 3: Basic Configuration

After the successful installation, we will show you how to perform the basic configuration of CentOS. This includes setting up users, managing permissions,

and configuring the network. We will also cover essential system maintenance tasks to keep your CentOS installation running smoothly.

Chapter 4: Package Management

One of the strengths of CentOS is its package management system. In this chapter, we will introduce you to the yum package manager and guide you through the process of installing, updating, and removing software packages. You will also learn how to add third-party repositories to access additional software.

Chapter 5: Server Setup

CentOS is often used as a server operating system due to its stability and security features. In this chapter, we will show you how to set up various types of servers using CentOS. Whether you are interested in running a web server, database server, or mail server, we've got you covered.

Chapter 6: Securing CentOS

Security should always be a top priority when using any operating system. In this chapter, we will teach you how to secure your CentOS installation by implementing best practices and utilizing various security features. You will learn about firewall configuration, user management, and system hardening techniques.

Chapter 7: Troubleshooting

Encountering issues is a common part of working with any operating system. In this chapter, we will help you troubleshoot common problems you may encounter while using CentOS. We will provide step-by-step instructions and tips to resolve issues quickly and efficiently.

By following this quick start guide, you will gain the necessary knowledge and skills to confidently use CentOS and take advantage of its powerful features. Whether you are a Linux beginner or an experienced user, this guide will ensure a smooth and successful CentOS journey.

So, what are you waiting for? Get started with CentOS today and unlock a world of possibilities!

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A concise walk-through of CentOS 7, starting from installation to securing it's environment.

Key Features

- No previous Linux environment experience needed for reading this book

- Get comfortable with a popular and stable Red Hat Enterprise Linux distribution

- Most of the command line based concepts are explained with graphics

Book Description

Linux kernel development has been the worlds largest collaborative project to date. With this practical guide, you will learn Linux through one of its most popular and stable distributions.

This book will introduce you to essential Linux skills using CentOS 7. It describes how a Linux system is organized, and will introduce you to key command-line concepts you can practice on your own. It will guide you in performing basic system administration tasks and day-to-day operations in a Linux environment.

You will learn core system administration skills for managing a system running CentOS 7 or a similar operating system, such as RHEL 7, Scientific Linux, and Oracle Linux. You will be able to perform installation, establish network connectivity and user and process management, modify file permissions, manage text files using the command line, and implement basic security administration after covering this book.

By the end of this book, you will have a solid understanding of working with Linux using the command line.

What you will learn

- Understand file system hierarchy and essential command-line skills

- Use Vi editor, I/O redirections and how to work with common text manipulating tools

- Create, delete, modify user accounts and manage passwords and their aging policy

- Manage file ownership, permissions, and ACL

- Execute process management and monitoring on the command line

- Validate and manage network configuration using nmcli

- Manage remote logins using SSH and file transfer using SCP and Rsync

- Understand system logging, how to control system services with systemd and systemctl, and manage firewalld

Who this book is for

Any individual who wants to learn how to use Linux as server or desktop in his environment. Whether you are a developer, budding system administrator, or tech lover with no previous Linux administration background, you will be able to start your journey in Linux using CentOS 7 with this book.

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