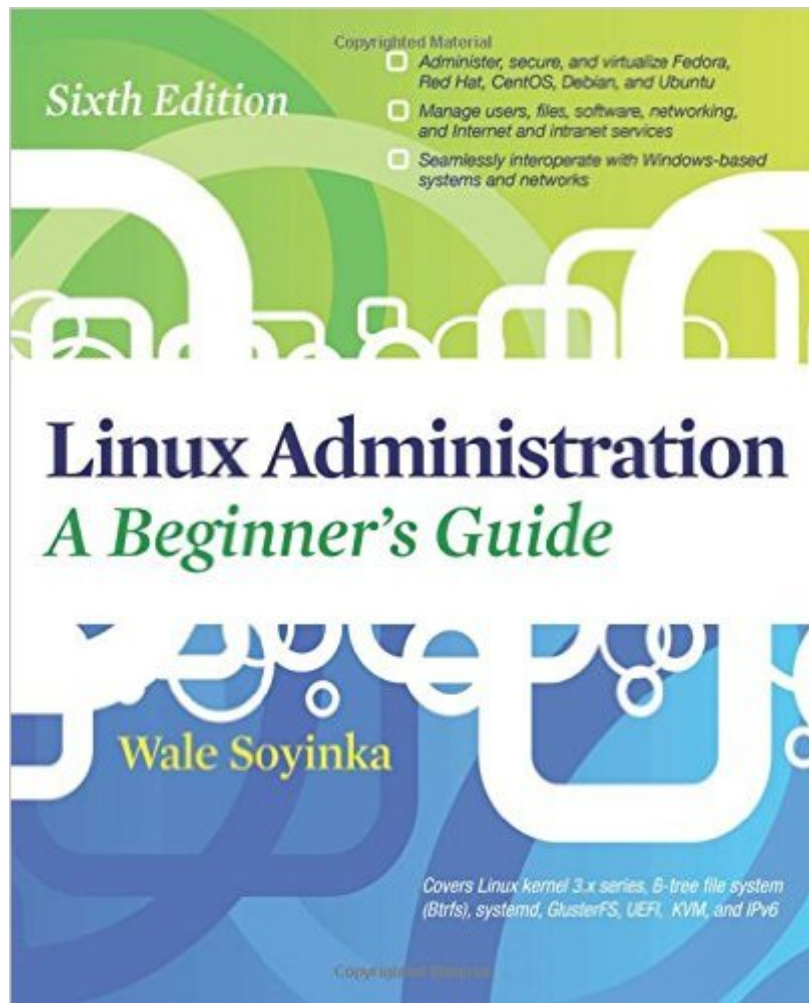


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# Linux Administration: A Beginners Guide, Sixth Edition



## Synopsis

Essential Linux Management Skills Made Easy Effectively deploy and maintain Linux and other Free and Open Source Software (FOSS) on your servers or entire network using this practical resource. Linux Administration: A Beginner's Guide, Sixth Edition provides up-to-date details on the latest Linux distributions, including Fedora, Red Hat Enterprise Linux, CentOS, Debian, and Ubuntu. Learn how to install and customize Linux, work from the GUI or command line, configure Internet and intranet services, interoperate with Windows systems, and create reliable backups. Performance tuning, security, and virtualization are also covered and real-world examples help you put the techniques presented into practice. Install and configure popular Linux distributions, including the latest versions of Fedora, CentOS, openSUSE, Debian, and Ubuntu Administer Linux servers from the GUI or from the command line (shell) Manage users, permissions, folders, and native FOSS applications Compile, tune, upgrade, and customize the latest Linux kernel 3.x series Work with proc, SysFS, and cgroup file systems Understand and manage the Linux TCP/IP networking stack and services for both IPv4 and IPv6 Build robust firewalls, and routers using Netfilter and Linux Create and maintain print, e-mail, FTP, and web servers Use LDAP or NIS for identity management Set up and administer DNS, POP3, IMAP3, and DHCP servers Use GlusterFS, NFS, and Samba for sharing and distributing file system resources Explore and implement Linux virtualization technologies using KVM

## Book Information

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## Customer Reviews

When I first picked up Linux, there were no books. The readmes were thin and the available help was limited. That was then. Today, I am constantly bombarded by friends that say "You're into Linux, how do I..." And worse, at work, the developers are constantly coming to me to get help with basic administration tasks. I hand them Wale's book. This is the sort of book you want if: 1) You have some Linux experience and want to take the next step, either to administer your own site or improve your job skills to move into professional administration. 2) You are already an administrator of that "other" operating system and want to know what all the fuss is about. 3) You are expanding your Linux administration skills beyond the basic start, stop, break, fix model. What this book will not help you with is setting up your X environment. Wale takes you in depth, but expects you to do it on the command line. The power of Linux is on the command line, so there is no "click here, click there" type instruction. You spend your time at the pound sign, where real administration is done. The new version covers the core stuff: DNS, Mail, Web services, backup, installation, and package management. But it doesn't stop there. New core services, like LDAP, Distributed File Systems, and Virtualization (KVM, Virtual Box and QEMU) are covered as well as installations via flash drives. The other thing that distinguishes the book is that it does not pick favorites. This is a book about LINUX administration, not Red Hat administration or Ubuntu administration.

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