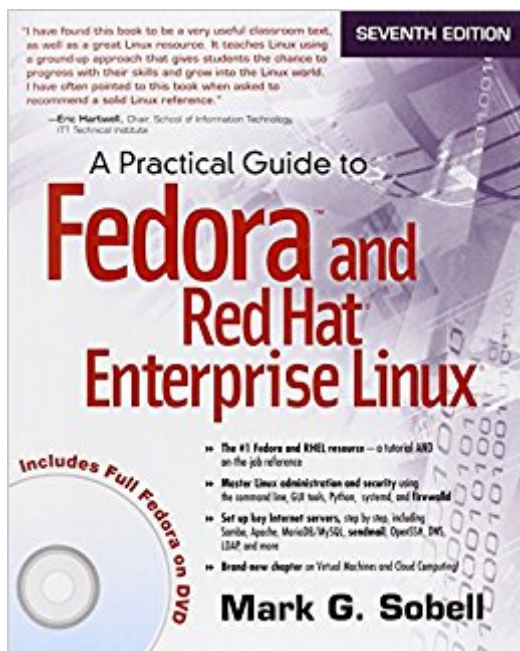


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# A Practical Guide To Fedora And Red Hat Enterprise Linux (7th Edition)



## Synopsis

“I have found this book to be a very useful classroom text, as well as a great Linux resource. It teaches Linux using a ground-up approach that gives students the chance to progress with their skills and grow into the Linux world. I have often pointed to this book when asked to recommend a solid Linux reference.” • Eric Hartwell, Chair, School of Information Technology, ITT Technical Institute

**Master All the Techniques You Need to Succeed with Fedora or Red Hat® Enterprise Linux®** The #1 Fedora and RHEL resource • a tutorial AND on-the-job reference

Master Linux administration and security using the command line, GUI tools, Python, systemd, and firewalld

Set up key Internet servers, step by step, including Samba, Apache, MariaDB/MySQL, sendmail, OpenSSH, DNS, LDAP, and more

Brand-new chapter on Virtual Machines and Cloud Computing!

In this comprehensive guide, one of the world’s leading Linux experts brings together all the knowledge and real-world insights you need to master and succeed with today’s versions of Fedora or Red Hat Enterprise Linux. Best-selling author Mark Sobell explains Linux clearly and effectively, focusing on skills you’ll actually need as a user, programmer, or administrator. Sobell assumes no prior Linux knowledge. He starts at the beginning and walks you through every topic and task that matters, using easy-to-understand examples. Step by step, you’ll learn how to install and configure Linux from the accompanying DVD, navigate its graphical user interface, provide file/printer sharing, configure network servers, secure Linux desktops and networks, work with the command line, administer Linux efficiently, and automate administration using Python and bash. Mark Sobell has taught hundreds of thousands of Linux and UNIX professionals. He knows every Linux nook and cranny • and he never forgets what it’s like to be new to Linux. Whatever you want to do with Linux • now or in the future • you’ll find it in this book.

Compared with other Linux books, **A Practical Guide to Fedora and Red Hat® Enterprise Linux®, Seventh Edition**, delivers

Complete, up-to-the-minute coverage of Fedora 19 and RHEL 7 (beta)

New programming chapters that cover Python and MariaDB/MySQL, plus a new tutorial on using GnuPG to encrypt communications

Information on state-of-the-art security: SELinux, ACLs, firewalld (firewall-config and firewall-cmd), iptables (system-config-firewall), GnuPG, and OpenSSH

New chapter on VMs (virtual machines) and cloud computing, including VMware, QEMU/KVM, virt-manager, virsh, GNOME Boxes, and AWS (Web Services)

Expanded command-line coverage, including a new chapter that details 32 important utilities

Practical information on Internet server configuration, including Apache, sendmail, NFSv4, DNS/BIND, the new LDAP Dynamic Server, and IPv6

Complete

“meat-and-potatoes” information on system/network administration, now including GRUB 2, the XFS filesystem, the new Anaconda Installer, the systemd init daemon, firewalld, and NetworkManager Detailed instructions on keeping Linux systems up to date, finding software packages, and working with repositories using yum and rpm Full coverage of the LPI Linux Essentials exam objectives plus extensive coverage of the CompTIA Linux+ exam objectives; Appendix E provides a map from objectives to pages in the book New coverage of find, sort, xz (compression), free, xargs, and the nano editor And much more, including a 500+ term glossary and comprehensive indexes Includes DVD! Get the full version of the Fedora 19 release!

## Customer Reviews

Praise for Previous Editions of A Practical Guide to Fedora and Red Hat Enterprise Linux

“Since I’m in an educational environment, I found the content of Sobell’s book to be right on target and very helpful for anyone managing Linux in the enterprise. His style of writing is very clear. He builds up to the chapter exercises, which I find to be relevant to real-world scenarios a user or admin would encounter. An IT/IS student would find this book a valuable complement to their education. The vast amount of information is extremely well balanced and Sobell manages to present the content without complicated asides and meandering prose. This is a must have for anyone managing Linux systems in a networked environment or anyone running a Linux server. I would also highly recommend it to an experienced computer user who is moving to the Linux platform.”

—Mary Norbury, IT Director, Barbara Davis Center, University of Colorado at Denver, from a review posted on slashdot.org

“I had the chance to use your UNIX books when I when was in college years ago at Cal Poly, San Luis Obispo, CA. I have to say that your books are among the best! They’re quality books that teach the theoretical aspects and applications of the operating system.”

—Benton Chan, IS Engineer

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