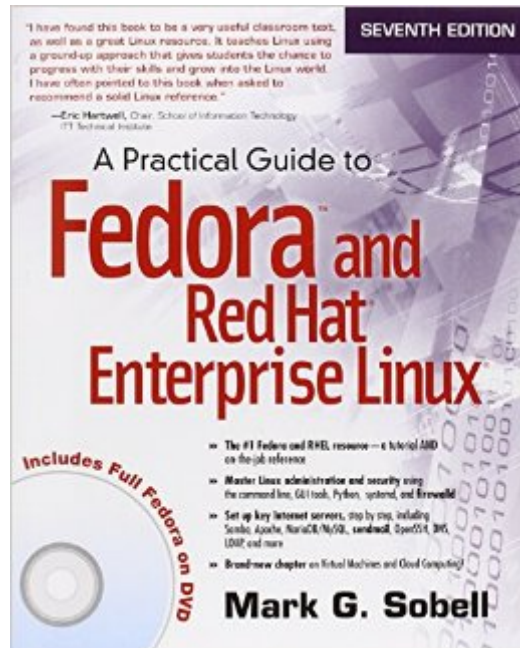


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# A Practical Guide To Fedora And Red Hat Enterprise Linux (7th Edition)



## Synopsis

â œl 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.â • â ” Eric Hartwell, Chair, School of Information Technology, ITT Technical Institute

Master All the Techniques You Need to Succeed with Fedoraâ„¢ or Red Hat® Enterprise Linux® The #1 Fedora and RHEL resourceâ ”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 worldâ™s leading Linux experts brings together all the knowledge and real-world insights you need to master and succeed with todayâ™s versions of Fedora or Red Hat Enterprise Linux. Best-selling author Mark Sobell explains Linux clearly and effectively, focusing on skills youâ™ll actually need as a user, programmer, or administrator. â 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, youâ™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. â Mark Sobell has taught hundreds of thousands of Linux and UNIX professionals. He knows every Linux nook and crannyâ ”and he never forgets what itâ™s like to be new to Linux. Whatever you want to do with Linuxâ ”now or in the futureâ ”youâ™ll find it in this book. â Compared with other Linux books, A Practical Guide to Fedoraâ„¢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 â œmeat-and-potatoesâ • 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!

## Book Information

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## Customer Reviews

This is the most useful all-in-one Linux book I've seen. I consider myself an intermediate level Linux/UNIX user. I wish I had obtained this book five or six years ago. Like a previous reviewer, I decided to wait and obtain this when I saw the sixth edition was about to be released. It was worth the wait. I became aware of this book after examining Sobell's "Practical Guide to Linux Commands, Editors, and Shell Programming" at a local store. I was impressed with that book's breadth and organization. That book uses generic Linux as the basis for explaining Linux. When I saw offered a Sobell book targeted to Fedora/RHEL, I knew that was the edition I wanted. I recently switched to Fedora Linux after several years of using Ubuntu. If you're in the market for a large Linux book, you'll be happy with either this Fedora book or the "Practical..Commands" edition mentioned previously. Either book will be useful regardless of the Linux flavor you use. The difference between this Fedora book and the "Practical..Commands" book: this one covers administration and server setup tasks

extensively. Both books share a lot of material. The "Commands" book also covers many topics that aren't covered here (including Mac OSX). It's worth taking time and reading 's preview which includes the preface. Sobell clearly spells out the differences between the books. The "Commands" book costs less and doesn't include a DVD. But, -- nowadays -- installing Linux from a USB stick is simpler than using a DVD. I suggest to buy the "Practical..Commands" book instead of this Fedora book when you're completely new to Linux. It costs less and covers more of what you don't know. Learn administrative tasks down the road as needed.

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