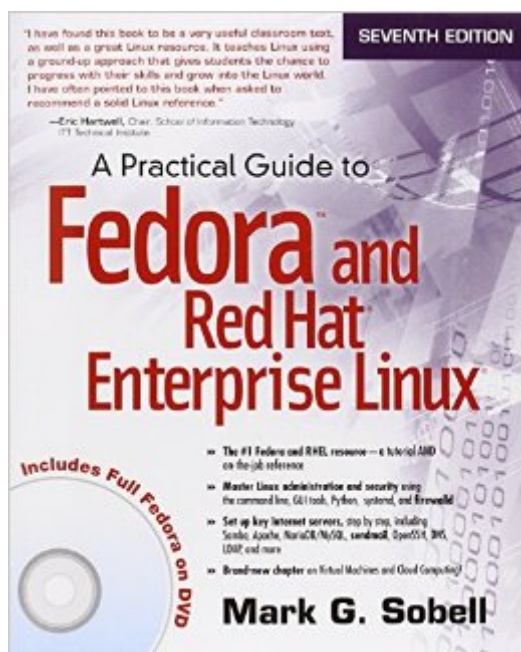# A Practical Guide To Fedora And Red Hat Enterprise Linux (7th Edition)

Synopsis

â œI 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 HatÂ® Enterprise LinuxÂ®   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 HatÂ®Enterprise Linux Â®, 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!

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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.

A Practical Guide to Fedora and Red Hat Enterprise Linux (7th Edition) Red Hat Enterprise Linux (RHEL) 6 Server Installation & Administration: Training Manual: Covering CentOS-6, OpenSUSE 11.3 Server, Mandriva Enterprise Server, and Fedora 14 Server Red Hat Enterprise Linux (RHEL) 7 Server Installation and Administration: Training Manual: Covering CentOS-7 Server, Cloud computing, Bind9 DNS Server and Fedora 23 Server Fedora Linux: A Complete Guide to Red Hat's Community Distribution LINUX: Linux Command Line, Cover all essential Linux commands. A complete introduction to Linux Operating System, Linux Kernel, For Beginners, Learn Linux in easy steps, Fast! A Beginner's Guide Linux: Linux Guide for Beginners: Command Line, System and Operation (Linux Guide, Linux System, Beginners Operation Guide, Learn Linux Step-by-Step) Linux: Linux Mastery. The Ultimate Linux Operating System and Command Line Mastery (Operating System, Linux) Red Hat Linux Administration: A Beginner's Guide (Beginner's Guide) Mastering Red Hat Linux 9 Red Hat? Linux? 6 Server Red Hat Linux 8 Server Teach Yourself Red Hat Linux VISUALLY (Teach Yourself Visually) Red Smoothies: 2 Manuscripts - Red Smoothie Detox Factor (Vol.1) + Red Smoothie Detox Factor (Vol. 2 - Superfoods Red Smoothies) Azul el sombrero, verde el sombrero (Blue Hat, Green Hat -- Spanish version) SUSE Linux Enterprise Server Administration (Course 3112): CLA, LPIC - 1 & Linux+ Ukrainian Red Borscht Recipe: Step-by-step Picture Cookbook - How to Make Red Borsch (Red Soup or Borsht) The Red Hat Society Cookbook TWO RED FEATHERS IN THE HAT OF THE SUN Enterprise Integration: An Architecture for Enterprise Application and Systems Integration Microsoft .NET - Architecting Applications for the Enterprise: Architecting Applications for the Enterprise (Developer Reference)