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Nota di contenuto	Mastering Red Hat Enterprise Linux 3; Front matter; Acknowledgments; Contents at a Glance; Contents; Introduction; Part 1: Installing Red Hat Enterprise Linux; Chapter 1: Introducing Red Hat Enterprise Linux; Introducing Red Hat Enterprise Linux 3; Basic Hardware Requirements; A Short History of Unix and Linux; Exploring the Kernel; Why Choose Linux?; The Role of a Linux Computer; Summary; Chapter 2: Preparing Your Hardware; Creating Hard Disk Partitions; Configuring Microsoft and Linux with a 32-Bit Architecture; Why Worry about Hardware?; Finding Compatible Hardware Creating a Hardware Checklist BIOS Tips; Post-Installation Hardware Configuration; Summary; Chapter 3: Installing Linux on a Stand- Alone System; Starting with a Boot Disk; Checking the Installation CDs; Installing Red Hat Enterprise Linux, Step by Step; Running the Red Hat Setup Agent; Troubleshooting the Installation; Logging In; Upgrading Red Hat Enterprise Linux; Making an Upgrade; Summary; Chapter 4: Installing Linux over a Network; Preparing an NFS Server; Preparing an Apache Web Server; Preparing an FTP Server; Configuring a PXE Boot Server; Starting a Linux Network Installation Troubleshooting a Network Installation Summary; Chapter 5: Kickstarting Linux; Grouping Packages: comps.xml; Analyzing Your Default Kickstart Configuration; Working with the GUI Kickstart

Configurator; Kickstarting from a Boot Disk; Summary; Part 2: Linux Fundamentals; Chapter 6: Starting at the Command Line; Exploring Navigational Commands; Setting Up Files and Directories; Managing Files; Manipulating Files; Using the vi Editor; Understanding Other Text Editors; Summary; Chapter 7: A Filesystem Primer; Understanding the Filesystem Hierarchy Standard; Managing Partitions Using Formats and Journals Mastering /etc/fstab; Using the Automounter Alternative; Exploring Logical Volume Management; Summary; Chapter 8: Making the Shell Work for You; Managing the Shell; Configuring the Shell; Discovering the Secrets of the Shell; Creating Basic Scripts; Summary; Part 3: Basic Linux Administration; Chapter 9: Administering Users and Groups Securely; Basic User and Group Management; Administering User Accounts; Using the Shadow Password Suite; Setting Quotas; Creating User Private Groups; Summary; Chapter 10: Managing and Updating Packages with RPM Installing and Upgrading, Simplified Using the Red Hat GUI Package Management Tool; Making Source RPMs Work; RPM Security; Updating RPMs; Summary; Chapter 11: Configuring and Troubleshooting the Boot Process; Exploring the Basic Boot Process; Understanding the Default Configuration Files; Troubleshooting and Using Rescue Disks; Summary; Chapter 12: Upgrading and Recompiling Kernels; Why Bother?; "Upgrading" the Easy Way; Exploring Sources, Tarballs, and Patch Alternatives; Customizing a Kernel; Setting Up Configuration Menus; Kernels, Section by Section; Updating the Bootloader; Summary Chapter 13: The Administrative Nitty-Gritty

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Sommario/riassunto

Your Complete Guide to the World's Leading Linux Enterprise Distribution Red Hat Enterprise Linux 3 is emerging as the corporate Linux standard. One of the first books to focus on this robust product, Mastering Red Hat Enterprise Linux 3 gives you the practical information you need to install, configure, and network Linux on a large number of computers. For experienced administrators, this book uniquely features detailed coverage of Apache, TUX, Samba, NFS, vsFTP, Squid, SSH, DNS, DHCP, iptables, CUPS, sendmail, Postfix, NIS, LDAP, MySQL, system administration command line and

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