

# Red Hat System Administration Unleashed

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**Principles of Network and System Administration** - Mark Burgess 2000-07-31

A practical guide for meeting the challenges of planning and designing a network Network design has to be logical and efficient, decisions have to be made about what services are needed, and security concerns must be addressed. Focusing on general principles, this book will help make the process of setting up, configuring, and maintaining a network much easier. It outlines proven procedures for working in a global community of networked machines, and provides practical illustrations of technical specifics. Readers will also find broad coverage of Linux and other Unix versions, Windows(r), Macs, and mainframes. The author includes discussions on the social and ethical aspects of system administration.

**Internet Infrastructure** - Richard Fox 2017-10-20

Internet Infrastructure: Networking, Web Services, and Cloud

Computing provides a comprehensive introduction to networks and the Internet from several perspectives: the underlying media, the protocols, the hardware, the servers, and their uses. The material in the text is divided into concept chapters that are followed up with case study chapters that examine how to install, configure, and secure a server that offers the given service discussed. The book covers in detail the Bind DNS name server, the Apache web server, and the Squid proxy server. It also provides background on those servers by discussing DNS, DHCP, HTTP, HTTPS, digital certificates and encryption, web caches, and the variety of protocols that support web caching. Introductory networking content, as well as advanced Internet content, is also included in chapters on networks, LANs and WANs, TCP/IP, TCP/IP tools, cloud computing, and an examination of the Amazon Cloud Service. Online resources include supplementary content that is available via the textbook's companion website, as well useful resources for faculty and students alike, including: a complete lab manual; power point notes, for installing, configuring, securing and experimenting with many of the servers discussed in the text; power point notes; animation tutorials to illustrate some of the concepts; two appendices; and complete input/output listings for the example Amazon cloud operations covered in the book.

**Red Hat Enterprise Linux 8 Essentials** - Neil Smyth 2019-06-13

Arguably one of the most highly regarded and widely used enterprise level operating systems available today is the Red Hat Enterprise Linux 8 distribution. Not only is it considered to be among the most stable and reliable operating systems, it is also backed by the considerable resources and technical skills of Red Hat, Inc. Red Hat Enterprise Linux 8 Essentials is designed to provide detailed information on the installation, use and administration of the Red Hat Enterprise Linux 8 distribution. For beginners, the book covers topics such as operating system installation, the basics of the GNOME desktop environment, configuring email and web servers and installing packages and system updates using App Streams. Additional installation topics such as dual booting with Microsoft Windows are also covered, together with all important security topics such as configuring a firewall and user and group administration. For the experienced user, topics such as remote desktop access, the Cockpit web interface, logical volume management (LVM), disk partitioning, swap management, KVM virtualization, Secure Shell (SSH), Linux Containers and file sharing using both Samba and NFS are covered in detail to provide a thorough overview of this enterprise class operating system.

**Red Hat Enterprise Linux 6 Administration** - Sander van Vugt 2013-01-23

The definitive guide to administering a Red Hat EnterpriseLinux 6 network Linux professionals who need a go-to guide on version 6 of RedHat Enterprise Linux (RHEL) will find what they need in thiscomprehensive Sybex book. It covers RHEL administration in detail,including how to set up and manage web and mail services, use RHELin enterprise environments, secure it, optimize storage, configurefor virtualization and high availability, and much more. It

alsoprovides a great study aid for those preparing for either the RHCSAor RHCE certification exam. Red Hat is the Linux market leader, and Red Hat administratorsare in demand This Sybex guide is a comprehensive resource on Red HatEnterprise Linux administration and useful for those preparing forone of the Red Hat certification exams Covers setting up and managing web and mail services, usingRHEL in enterprise environments, securing RHEL, and optimizingstorage to fit your environment Explores advanced RHEL configurations, including virtualizationand high availability Red Hat Enterprise Linux 6 Administration is the guideLinux professionals and Red Hat administrators need to stay currenton the newest version.

**Red Hat Fedora 5 Unleashed** - Andrew Hudson 2006

Continuing with the tradition of offering the best and most comprehensive coverage of Red Hat Linux on the market,Red Hat Fedora 5 Unleashedincludes new and additional material based on the latest release of Red Hat's Fedora Core Linux distribution. Incorporating an advanced approach to presenting information about Fedora, the book aims to provide the best and latest information that intermediate to advanced Linux users need to know about installation, configuration, system administration, server operations, and security. Red Hat Fedora 5 Unleashedthoroughly covers all of Fedora's software packages, including up-to-date material on new applications, Web development, peripherals, and programming languages. It also includes updated discussion of the architecture of the Linux kernel 2.6, USB, KDE, GNOME, Broadband access issues, routing, gateways, firewalls, disk tuning, GCC, Perl, Python, printing services (CUPS), and security.Red Hat Linux Fedora 5 Unleashedis the most trusted and comprehensive guide to the latest version of Fedora Linux.

**Unix Unleashed** - Robin Anderson 2002

Expert authors bring new life to this UNIX text by using an approach that gives people a new understanding of the system itself. This is the most up-to-date information presented by experts who are in the trenches on a daily basis, and want to provide the most practical and relevant information.

**Red Hat Linux 9 Unleashed** - Bill Ball 2003

**Linux with Operating System Concepts** - Richard Fox 2021-12-29

A True Textbook for an Introductory Course, System Administration Course, or a Combination Course Linux with Operating System Concepts, Second Edition merges conceptual operating system (OS) and Unix/Linux topics into one cohesive textbook for undergraduate students. The book can be used for a one- or two-semester course on Linux or Unix. It is complete with review sections, problems, definitions, concepts and relevant introductory material, such as binary and Boolean logic, OS kernels and the role of the CPU and memory hierarchy. Details for Introductory and Advanced Users The book covers Linux from both the user and system administrator positions. From a user perspective, it emphasizes command-line interaction. From a system administrator perspective, the text reinforces shell scripting with examples of administration scripts that support the automation of administrator tasks. Thorough Coverage of Concepts and Linux Commands The author incorporates OS concepts not found in most Linux/Unix textbooks, including kernels, file systems, storage devices, virtual memory and process management. He also introduces computer science topics, such as computer networks and TCP/IP, interpreters versus compilers, file compression, file system integrity through backups, RAID and encryption technologies, booting and the GNUs C compiler. New in this Edition The book has been updated to systemd Linux and the newer services like Cockpit, NetworkManager, firewalld and journald. This edition explores Linux beyond CentOS/Red Hat by adding detail on Debian distributions. Content across most topics has been updated and improved.

**Red Hat Linux Unleashed** - David Pitts 1998

Through this bestselling guide, learn how to install, configure, and

manage the latest version of Red Hat operating system 5.1. CD-ROM features the latest version of Red Hat Linux, system administration tools, and development tools.

*Red Hat Fedora 2 Unleashed* - Bill Ball 2005

Keeping with the tradition of offering the best and most comprehensive coverage of Red Hat Linux on the market, Red Hat Fedora 2 Unleashed includes new and additional materials based on the latest release of Red Hat's Fedora Core Linux distribution. Incorporating an advanced approach, the information presented aims to provide you with the best and latest information about installation, configuration, system administration, server operations and security. Updated discussions of the architecture of several Linux issues, as well as material on new applications, peripherals and Web development are also included. Get the most out of the latest Red Hat Linux distribution with Red Hat Fedora 2 Unleashed.

*Learning Ceph* - Karan Singh 2015-01-30

If you already have basic knowledge of GNU/Linux and storage systems, but have no experience of software-defined storage solutions and Ceph, and are eager to learn about it, this is the book for you. If you are looking for your next career jump as a Ceph administrator, this book is also ideal for you.

**Red Hat Linux Administration: A Beginner's Guide** - Michael Turner 2003-02-14

Perfect for systems and network administrators migrating from Windows NT to Linux, or experimenting with bringing Linux into their network topology. Even novice users will find plenty of helpful information on administering the open source operating system—including installation, initial configuration, using the bash command shell, managing files, managing software, and granting rights to users.

**Red Hat Linux Unleashed** - David Pitts 1998

This edition covers version 4.2 of the freely-distributable operating system, including Red Hat Package Manager, a system which maintains a database of installed packages and their files, and contains a powerful querying facility.

*SUSE Linux 10 Unleashed* - Michael McCallister 2006

SUSE Linux 10 Unleashed presents comprehensive coverage of the latest version of SUSE Linux, one of the most popular and most complete Linux distributions in the world.

**Running Qmail** - Richard Blum 2000

"Running qmail" can enable readers to install and operate an Internet e-mail server on their local network without having to buy an expensive commercial e-mail system and pay for user licenses. Step-by-step examples detail the installation and configuration of qmail along with referenced-based chapters pertaining to qmail features.

*Ubuntu Unleashed* - Matthew Helmke 2013

"DVD includes the full Ubuntu 13.10 distribution for Intel x86 computers as well as the complete LibreOffice office suite and hundreds of additional programs and utilities"--Page 4 of cover.

*The Software Encyclopedia* - 1986

**Red Hat Linux System Administration Unleashed** - Thomas Schenk 2000

Annotation Red Hat Linux System Administration Unleashed will show the reader how to configure and manage a Linux system to keep it running optimally in a 24x7 environment. The book will focus on the day to day operations and user issues that system administrators must deal with in a 24x7 environment. The book will include advanced topics such as RAID, Customizing the Kernel, and Hacker Security. The focus of the book is on the issues and skills related to running Red Hat Linux with other operating systems - internetworking Linux in a large network setting with a large user base. Topics include File System and Disk Management, Backups and Disaster Recovery, Networking in a NT Environment, Networking in a NetWare Environment, Networking in a Unix Environment, Shells and Scripting, Internet Services, and System Monitoring and Tuning.

**UNIX Unleashed** - Robin Burk 1997

"UNIX Unleashed, 2nd Ed". takes an in-depth look at UNIX and its features, commands, and utilities. Written by UNIX experts in the UNIX and open systems fields, this book is the all-purpose, one-stop UNIX guide that takes the reader from start to finish. The companion CD contains GNU Emacs, Perl BASH, UUCP, TeX utilities, GNU C++ Compiler, and shell scripts from the book, as well as other programs and utilities.

**Ubuntu Unleashed 2012 Edition** - Matthew Helmke 2012-01-13

Ubuntu Unleashed is filled with unique and advanced information for

everyone who wants to make the most of the Ubuntu Linux operating system. This new edition has been thoroughly revised and updated by a long-time Ubuntu community leader to reflect the exciting new Ubuntu 11.10 ("Oneiric Ocelot") and the forthcoming Ubuntu 12.04. Former Ubuntu Forum administrator Matthew Helmke covers all you need to know about Ubuntu 11.10/12.04 installation, configuration, productivity, multimedia, development, system administration, server operations, networking, virtualization, security, DevOps, and more—including intermediate-to-advanced techniques you won't find in any other book. Helmke presents up-to-the-minute introductions to Ubuntu's key productivity and Web development tools, programming languages, hardware support, and more. You'll find brand-new coverage of the new Unity desktop, new NoSQL database support and Android mobile development tools, and many other Ubuntu 11.10/12.04 innovations. Whether you're new to Ubuntu or already a power user, you'll turn to this book constantly: for new techniques, new solutions, and new ways to do even more with Ubuntu! Matthew Helmke served from 2006 to 2011 on the Ubuntu Forum Council, providing leadership and oversight of the Ubuntu Forums, and spent two years on the Ubuntu regional membership approval board for Europe, the Middle East, and Africa. He has written about Ubuntu for several magazines and websites, is a lead author of The Official Ubuntu Book. He works for The iPlant Collaborative, which is funded by the National Science Foundation and is building cyberinfrastructure for the biological sciences to support the growing use of massive amounts of data and computationally intensive forms of research. Quickly install Ubuntu, configure it, and get your hardware running right Configure and customize the new Unity desktop (or alternatives such as GNOME) Get started with multimedia and productivity applications, including LibreOffice Manage Linux services, users, and software packages Administer and use Ubuntu from the command line Automate tasks and use shell scripting Provide secure remote access Manage kernels and modules Administer file, print, email, proxy, LDAP, and database services (both SQL and NoSQL) Use both Apache and alternative HTTP servers Support and use virtualization Use Ubuntu in cloud environments Learn the basics about popular programming languages including Python, PHP, and Perl, and how to use Ubuntu to develop in them Learn how to get started developing Android mobile devices Ubuntu 11.10 on DVD DVD includes the full Ubuntu 11.10 distribution for Intel x86 computers as well as the complete LibreOffice office suite and hundreds of additional programs and utilities. Free Upgrade! Purchase this book anytime in 2012 and receive a free Ubuntu 12.04 Upgrade Kit by mail (U.S. or Canada only) after Ubuntu 12.04 is released. See inside back cover for details.

*Ubuntu Unleashed* - Matthew Helmke 2012

A guide to the Ubuntu operating system covers such topics as installation and configuration, productivity applications, the command line, managing users, networking, remote access, security, kernel and module management, FTP, proxying, and Python.

**The Definitive Guide to GCC** - Kurt Wall 2008-01-01

Besides covering the most recently released versions of GCC, this book provides a complete command reference, explains how to use the info online help system, and covers material not covered in other texts, including profiling, test coverage, and how to build and install GCC on a variety of operating system and hardware platforms. It also covers how to integrate with other GNU development tools, including automake, autoconf, and libtool.

**Caldera OpenLinux System Administration** - Thomas Schenk 2000  
BASIC APPROACH PLEASE PROVIDE COURSE INFORMATION

**Red Hat Enterprise Linux Administration Unleashed** - Tammy Fox 2007-04-20

This comprehensive guide can help you administer Red Hat Enterprise Linux 5 effectively in any production environment, no matter how complex or challenging. Long-time Red Hat insider Tammy Fox brings together today's best practices for the entire system lifecycle, from planning and deployment through maintenance and troubleshooting. Fox shows how to maximize your efficiency and effectiveness by automating day-to-day maintenance through scripting, deploying security updates via Red Hat Network, implementing central identity management services, and providing shared data with NFS and Samba. Red Hat Enterprise Linux 5 Administration Unleashed contains extensive coverage of network and web services, from the Apache HTTP server and Sendmail email services to remote login with OpenSSH. Fox also describes Red Hat's most valuable tools for monitoring and optimization and presents thorough coverage of security—including a detailed introduction to Security-Enhanced Linux (SELinux).

Red Hat@ Fedora!Core 6 Unleashed - Paul Hudson 2007

Continuing with the tradition of offering the most comprehensive coverage of Red Hat Linux on the market, Fedora Core 6 Unleashed includes new and additional material based on the latest release of Red Hat's Fedora Core Linux distribution. Incorporating an advanced approach to presenting information about Fedora, the book aims to provide the best and latest information that intermediate to advanced Linux users need to know about installation, configuration, system administration, server operations, and security. Fedora Core 6 Unleashed thoroughly covers all of Fedora's software packages, inclu.

**Red Hat Linux 6 Unleashed** - David Pitts 1999

The Unleashed Series Takes You Beyond The Basics And Gives You Practical Advice And In-Depth Coverage. With These Extensive Guides, You'll Obtain The Skills, Understanding, And Breadth Of Knowledge To Unleash The Full Potential Of Red Hat Linux 6. Detailed Information On How To... Customize The X Windows System To Fit Your Individual Computer Needs Install, Configure, And Administer The Apache Web Server Discover The Technical Details On Domain Name Server, Network Information Service, And The Network File System Configure And Use Samba For Connecting To Windows 95, 98, Or Nt Servers Build And Manipulate The Linux Kernel Set Up, Configure, And Maintain Network Services Increase Your Knowledge Of Tcp/Ip Network Daemons, And Ppp Servers Perform Complex System Administration Tasks Such As Backup Operations, User Maintenance, And Filesystem Cleanup Incorporate Key Security Techniques Obtain Expert Advice On Using Linux Programming Languages Such As Java, Python, Gawk, Perl, C/C++, Tcl/Tk, Awk, Motif, And Shell Programs. The Included Cd-Rom Features: Red Hat Linux 6 Installation Video Tutorials From Keystone Learning Systems

*Ubuntu Unleashed 2011 Edition* - Matthew Helmke 2010-12-14

Ubuntu Unleashed 2011 Edition presents advanced coverage of the popular Ubuntu distribution of Linux. Windows users, Mac users, and Linux enthusiasts have been increasingly turning to Ubuntu for a user-friendly and easy-to-use Linux distribution that remains useful to power users. This book provides detailed information on installing, using, and administering Ubuntu. You will learn how to set up a workstation or a server, details on Ubuntu's easy-to-use desktop and productivity software, and you will find topics of interest to both casual and serious developers. Ubuntu Unleashed 2011 Edition includes a range of coverage: From the software you need everyday for productivity and enjoyment, to how to configure your Linux desktop to run smoothly, to advanced topics like systems administration and software development, and much more. Some books excel at helping beginners take baby steps. There is some beginning material in Ubuntu Unleashed 2011 Edition. However, this book is intended for anyone who wants to move beyond the basics of using Ubuntu into the realm of an intermediate or advanced user. Install and configure Ubuntu Get all your system's devices and peripherals up and running Configure and customize your graphic user interface Manage Linux services and users Secure your machine and your network from intruders Configure a firewall Share files with Windows users using Samba Get productive with office tools Use multimedia programs Play games Set up and run various types of servers Learn the basics of several programming languages Learn how to write a software application quickly Participate in Ubuntu QA testing Tune your system for maximum performance Learn to manage and compile the kernel and modules Ubuntu 10.10 on DVD DVD includes the full Ubuntu 10.10 distribution for Intel x86 computers as well as the complete OpenOffice.org office suite and hundreds of additional programs and utilities. Free Upgrade! Purchase this book anytime in 2011 and receive a free Ubuntu 11.04 Upgrade Kit by mail (U.S. or Canada only) after Ubuntu 11.04 is released. See inside back cover for details. Category: Operating Systems/Linux Covers: Ubuntu 10.10 User Level: Intermediate—Advanced

**Microsoft FrontPage 2002 Unleashed** - William R. Stanek 2001

A thorough, detailed guide to fully exploiting all the power of FrontPage 2002-written for the experienced Web developer.

*Learning Red Hat Linux* - Bill McCarty 1999

A guide for intermediate to advanced users highlights the latest Linux kernel and updated libraries while offering expert advice on installation, configuration, programming, administration, and networking

*Information Technology* - Richard Fox 2013-02-08

Information Technology: An Introduction for Today's Digital World introduces undergraduate students to a wide variety of concepts they will encounter throughout their IT studies and careers. The book covers computer organization and hardware, Windows and Linux operating

systems, system administration duties, scripting, computer networks, regular expressions, binary numbers, the Bash shell in Linux, DOS, managing processes and services, and computer security. It also gives students insight on IT-related careers, such as network and web administration, computer forensics, web development, and software engineering. Suitable for any introductory IT course, this classroom-tested text presents many of the topics recommended by the ACM Special Interest Group on IT Education (SIGITE). It offers a far more detailed examination of the computer than current computer literacy texts, focusing on concepts essential to all IT professionals—from operating systems and hardware to information security and computer ethics. The book highlights Windows/DOS and Linux with numerous examples of issuing commands and controlling the operating systems. It also provides details on hardware, programming, and computer networks. Ancillary Resources The book includes laboratory exercises and some of the figures from the text online. PowerPoint lecture slides, answers to exercises, and a test bank are also available for instructors.

**Red Hat Linux Unleashed** - Kamran Husain 1996

Written by a team of experts, Red Hat Linux Unleashed is your complete guide to getting the most from Linux. This book and CD-ROM work together to provide you with a complete version of Red Hat Linux 3.0.3 and all of the tools, as well as detailed coverage of every aspect of the Linux system.

*Red Hat Linux 9 Unleashed* - Bill Ball 2003

The best, most comprehensive coverage of the leading Linux distribution on the market.

**The British National Bibliography** - Arthur James Wells 2009

**Red Hat Linux Networking and System Administration** - Terry Collings 2004-02-20

\* Updated to cover Red Hat Linux Enterprise Workstation with the latest on advanced Linux kernel features, the Tux Web server, the latest Apache 2.x Web server, and the expanded suite of custom configuration tools \* Starts with network planning and Red Hat installation and configuration, then progresses to optimizing network and Internet services and monitoring and maintaining the network \* Examines the basics of Red Hat Linux security and offers trouble-shooting and problem-solving advice \* Includes important new chapters that focus on optimizing standard network services, such as file and print services, and Internet-related servers, such as the Apache Web server Copyright © 2004 by Red Hat, Inc. Material from Chapters 4-6, 8-10, 17 and 21 may be distributed only subject to the terms and conditions set forth in the Open Publication License, V1.0 or later (the latest version is presently available at <http://www.opencontent.org/openpub/>).

**Open Source Web Site Construction Kit** - Thomas Schenk 2002

This book gives readers a comprehensive survey of the best tools for building and maintaining Web sites. In a methodical and clear manner, using templates from actual Web sites, the author takes the reader through the process of thinking through and then building an open source Web site. After reading this book, readers will be able to buy this book, and riding on the experience of the author quickly build an effective and scalable Web site.

**Red Hat Linux Fedora 3 Unleashed** - Bill Ball 2005

The best, most trusted comprehensive guide to the latest version of Red Hat's open-community Fedora Linux distribution.

Linux Unleashed - Tim Parker 1998

Love Unleashed - J.R. Ward 2011-03-29

#1 New York Times bestselling author J.R. Ward's thrilling new novel in the Black Dagger Brotherhood series. Payne, twin sister of Vishous, is cut from the same dark, seductive cloth as her brother. Imprisoned for eons by their mother, the Scribe Virgin, she finally frees herself-only to face a devastating injury. Manuel Manello, M.D., is drafted by the Brotherhood to save her as only he can-but when the human surgeon and the vampire warrior meet, their two worlds collide in the face of their undeniable passion. With so much working against them, can love prove stronger than the birthright and the biology that separates them?

CentOS 8 Essentials - Neil Smyth 2019-12-11

Arguably one of the most highly regarded and widely used enterprise level operating systems available today is the CentOS 8 distribution. Not only is it considered to be among the most stable and reliable operating systems, it is also backed by the considerable resources and technical skills of Red Hat, Inc. CentOS 8 Essentials is designed to provide detailed information on the installation, use and administration of the CentOS 8 distribution. For beginners, the book covers topics such as operating

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NFS are covered in detail to provide a thorough overview of this enterprise class operating system.

*Red Hat Linux Unleashed* - Kamran Husain 1996

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